SELECTED

SESOURCESRESOURCES ABSTRACTS

ANNUAL CUMULATED INDEXES TO V.7, 1974



PART 1 AUTHOR
ORGANIZATION
ACCESSION NUMBER

SELECTED WATER RESOURCES ABSTRACTS is published semimonthly for the Water Resources Scientific Information Center (WRSIC) by the National Technical Information Service (NTIS), U.S. Department of Commerce. NTIS was established September 2, 1970, as a new primary operating unit under the Assistant Secretary of Commerce for Science and Technology to improve public access to the many products and services of the Department. Information services for Federal scientific and technical report literature previously provided by the Clearinghouse for Federal Scientific and Technical Information are now provided by NTIS.

SELECTED WATER RESOURCES ABSTRACTS is available to Federal agencies, contractors, or grantees in water resources upon request to: Manager, Water Resources Scientific Information Center, Office of Water Research and Technology, U.S. Department of the Interior, Washington, D. C. 20240.

SELECTED WATER RESOURCES ABSTRACTS is also available on subscription from the National Technical Information Service. Annual subscription rates are: To the SWRA Journal, \$75 (\$95 foreign); to the Journal & Annual Index, \$100 (\$125 foreign); to the Annual Index only, \$50 (\$65 foreign). Certain documents abstracted in this journal can be purchased from the NTIS at prices indicated in the entry. Prepayment is required.

SELECTED

WATER RESOURCES ABSTRACTS

A Semimonthly Publication of the Water Resources Scientific Information Center,
Office of Water Research and Technology, U.S. Department of the Interior

PART 1 ANNUAL CUMULATED INDEXES TO V.7, 1974

AUTHOR
ORGANIZATION
ACCESSION NUMBER



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

FOREWORD

Selected Water Resources Abstracts, a semimonthly journal, includes abstracts of current and earlier pertinent monographs, journal articles, reports, and other publication formats. The contents of these documents cover the water-related aspects of the life, physical, and social sciences as well as related engineering and legal aspects of the characteristics, conservation, control, use, or management of water. Each abstract includes a full bibliographical citation and a set of descriptors or identifiers which are listed in the Water Resources Thesaurus (Second Edition, 1971). Each abstract entry is classified into ten fields and sixty groups similar to the water resources research categories established by the Committee on Water Resources Research of the Federal Council for Science and Technology.

WRSIC IS NOT PRESENTLY IN A POSITION TO PROVIDE COPIES OF DOCU-MENTS ABSTRACTED IN THIS JOURNAL. Sufficient bibliographic information is given to enable readers to order the desired documents from local libraries or other sources.

Selected Water Resources Abstracts is designed to serve the scientific and technical information needs of scientists, engineers, and managers as one of several planned services of the Water Resources Scientific Information Center (WRSIC). The Center was established by the Secretary of the Interior and has been designated by the Federal Council for Science and Technology to serve the water resources community by improving the communication of water-related research results. The Center is pursuing this objective by coordinating and supplementing the existing scientific and technical information activities associated with active research and investigation program in water resources.

To provide WRSIC with input, selected organizations with active water resources research programs are supported as "centers of competence" responsible for selecting, abstracting, and indexing from the current and earlier pertinent literature in specified subject areas.

Additional "centers of competence" have been established in cooperation with the Environmental Protection Agency. A directory of the Centers appears on page iv.

The input from these Centers, and from the 53 Water Resources Research Institutes administered under the Water Resources Research Act of 1964, as well as input from the grantees and contractors of the Office of Water Research and Technology and other Federal water resources agencies with which the Center has agreements becomes the information base from which this journal is, and other information services will be, derived; these services include bibliographies, specialized indexes, literature searches, and state-of-the-art reviews.

Comments and suggestions concerning the contents and arrangements of this bulletin are welcome.

Water Resources Scientific Information Center Office of Water Research and Technology U.S. Department of the Interior Washington, D.C. 20240

CENTERS OF COMPETENCE AND THEIR SUBJECT COVERAGE

- Ground and surface water hydrology at the Illinois State Water Survey and the Water Resources Division of the U.S. Geological Survey, U.S. Department of the Interior.
- Metropolitan water resources planning and management at the Center for Urban and Regional Studies of University of North Carolina.
- Eastern United States water law at the College of Law of the University of Florida.
- Policy models of water resources systems at the Department of Water Resources Engineering of Cornell University.
- Water resources economics at the Water Resources Center of the University of Wisconsin.
- Eutrophication at the Water Resources Center of the University of Wisconsin.
- Water resources of arid lands at the Office of Arid Lands Studies of the University of Arizona.
- Water well construction technology at the National Water Well Association.
- Water-related aspects of nuclear radiation and safety at the Oak Ridge National Laboratory.
- Water resource aspects of the pulp and paper industry at the Institute of Paper Chemistry.

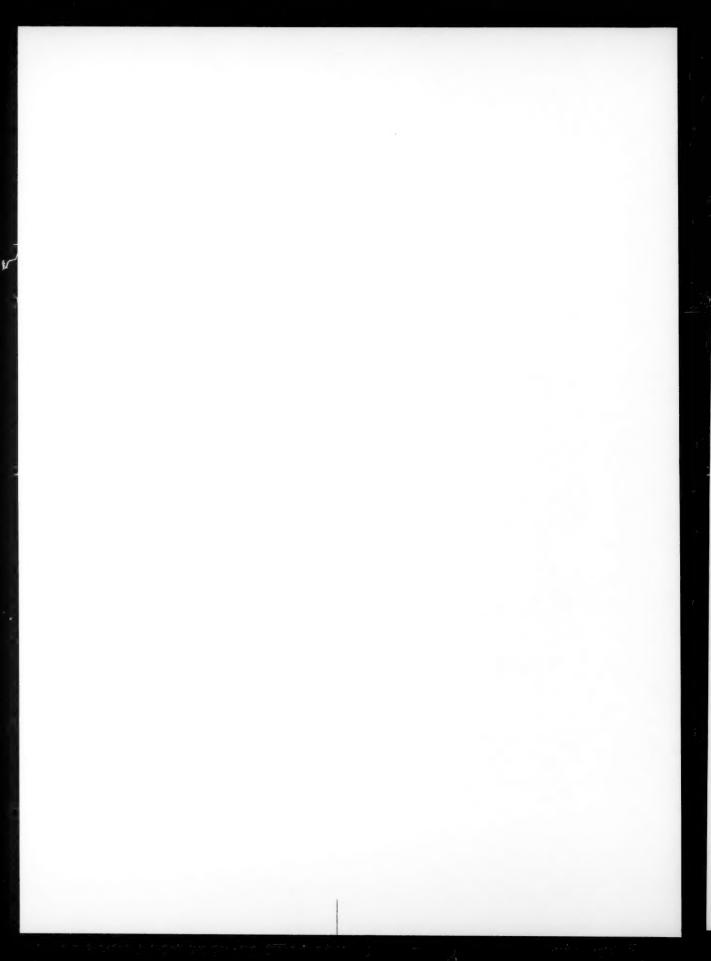
Supported by the Environmental Protection Agency in cooperation with WRSIC

- Effect on water quality of irrigation return flows at the Department of Agricultural Engineering of Colorado State University.
- Agricultural livestock waste at East Central State College, Oklahoma.
- Municipal wastewater treatment technology at the Franklin Institute Research Laboratories.

A NOTE ON THE INDEXES . .

This cumulation is an index of AUTHORS, ORGANIZATIONS, AND ACCESSION NUMBERS appearing in the 1974 issues of SELECTED WATER RESOURCES ABSTRACTS. A table is provided below to facilitate the location of abstracts.

Inclusive Abstract Numbers	will be found in	Issue	Number and Date
W74-00001 W74-00550		1	January 1, 1974
W74-00551 W74-01100		2	January 15, 1974
W74-01101 W74-01650		3	February 1, 1974
W74-01651 W74-02150	••	4	February 15, 1974
W74-02151 W74-02650	••	5	March 1, 1974
W74-02651 W74-03200		6	March 15, 1974
W74-03201 W74-03750	••	7	April 1, 1974
W74-03751 W74-04300		8	April 15, 1974
W74-04301 W74-04850		9	May 1, 1974
W74-04851 W74-05400		10	May 15, 1974
W74-05401 W74-05950		11	June 1, 1974
W74-05951 W74-06500	••	12	June 15, 1974
W74-06501 W74-07050		13	July 1, 1974
W74-07051 W74-07600		14	July 15, 1974
W74-07601 W74-08150		15	August 1, 1974
W74-08151 W74-08700		16	August 15, 1974
W74-08701 W74-09250	••	17	September 1, 1974
W74- 09251 W74-09800	••	18	September 15, 1974
W74-09801 W74-10350		19	October 1, 1974
W74-10351 W74-10900		20	October 15, 1974
W74-10901 W74-11450	**	21	November 1, 1974
W74-11451 W74-12000	••	22	November 15, 1974
W74-12001 W74-12750	• •	23	December 1, 1974
W74-12751 W74-13500		24	December 15, 1974



AALTONEN, P.	ABD-EL-RAHMAN, A. A.	ABERBACH, S. H.
Design Principles of White Water Systems with	Contributions to Water Requirements of Wheat	Artificial Recharge of Coastal-Plain Aquifer in
Special Reference to Effluent Control,	Under Desert Conditions,	Israel,
W74-12413 7-23 5D	W74-12721 7-23 2I	W74-03356 7-07 4E
AAMODT, R. L.	ABDEL-GAWAD, M.	ABERNATHY, G. H.
An Experimental Measurement of In Situ	ERTS Applications in Earthquake Research	Brush Eradicating, Basin Pitting, and Seeding
Stress in Granite by Hydraulic Fracturing,	and Mineral Exploration in California,	Machine for Arid to Semiarid Rangeland,
W74-10663 7-20 8E	W74-01711 7-04 7C	W74-01637 7-03 4A
AARKROG, A.	ABDEL-MALEK, S. A.	ABERTH, W. H.
Environmental Radioactivity in Denmark in	Food and Feeding Habits of Some Egyptian	Field Ionization Mass Spectrometry: A New
1972,	Fishes in Lake Quarun: I. Tilapia Zillii (Gerv.)	Tool for the Analytical Chemist,
W74-09087 7-17 5B	B. According to Different Length Groups,	W74-05302 7-10 5A
Environmental Radioactivity in Greenland in	W74-12744 7-23 2H	ABEY, A. E.
1972,	ABDELIN-ZADEH, R.	High-Pressure Mechanical Properties of
W74-09088 7-17 5B	Calculation of Dose Conversion Factors for	Kayenta Sandstone,
	60Co Gamma Radiation in Water, (In German),	W74-11662 7-22 8I
Environmental Radioactivity in the Faroes in	W74-02198 7-05 5B	ABICHANDANI, C. T.
1972, W74-09086 7-17 5B	ABDELNOUR, J.	Nitrogen Fertilization of Fodder Sorghum M
17-17-3B	Biological Uptake and Distribution of Lead in	P. Chari (Sorghum Bicolor) Grown Unde
AARONSON, D. B.	Animals,	Rainfed Conditions, W74-13146 7-24 31
Flow Characteristics of a Subsurface-Con-	W74-09211 7-17 5C	W /4-13140 /-24 31
trolled Recharge Basin on Long Island, New York,	ABDUEV, M. R.	ABIDAUD, A.
W74-02734 7-06 4B	Water Regime in Alluvial Fan Soils of the	Influence of Solvation Factors on Acidity
7-00 45	Araks River, (In Russian),	Volumes of Ionization of the Meta and Par
AARSTAD, J. S.	W74-04733 7-09 2G	Isomers of Nitrophenol and Formylphenol in Water at 25 deg.
Effective Available Water and Its Relation to	ABDULLAEVA, KH. A.	W74-03139 7-06 11
Evapotranspiration Rate, Depth of Wetting,	Sanitary and Hydrobiological Characteristics of	
and Soil Texture, W74-00608 7-02 2G	the Samur-Apsheron Canal, (In Russian),	ABIEVA, R. M.
7-02 20	W74-12153 7-23 21	A Study of Bdellovibrio Bacteriovorus as a Biologic Factor of Self Purification of Wate
ABAZA, M. I.	ABDULLAH, M. I.	Bodies, (In Russian),
Adverse-Bottom-Slope Weir and Orifice,	Chemical Evidence for the Dispersal of River	W74-10204 7-19 50
W74-11518 7-22 7B	Mersey Run-off in Liverpool Bay,	ABLES, J. H. JR.
ABBASOV, G. S.	W74-07674 7-15 5B	Energy Dissipator For Santa Paula Creek
Seasonal Variations in the Qualitative and	ABDURAKHMANOV, YU. A.	Santa Clara River, California; Hydraulic Mode
Quantitative Composition of Young Fish Popu-	Fertility of the Fish From Varvara Reservoir,	Investigation,
lations in the Varvara Reservoir, (In Russian),	(In Russian),	W74-10314 7-19 8
W74-02560 7-05 2H	W74-07591 7-14 8I	Energy Dissipator for Santa Paula Creek, Sant
ABBOTT, E.	ABE, T.	Clara River, California, Hydraulic Model In
Institutional Factors in the Creation of Local	Bone Changes in Experimental Chronic Cadmi-	vestigation,
Sanitary Districts in Wisconsin,	um Poisoning, Radiological and Biological Ap-	W74-11210 7-21 8
W74-09811 7-19 5D	proaches,	Outlet Works, Warm Springs Dam, Dry Creek
ABBOTT, E. L.	W74-09576 7-18 5C	Russian River Basin, Sonoma County, Californ
No Odor and No Pollution,	ABEL, F. H.	nia,
W74-10132 7-19 5D	Methods and Problems of Estimating Water-	W74-08584 7-16 8/
ABBOTT, J. W.	Quality Benefits,	ABNERT, B.
A Model for Evaluating Runoff-Quality in	W74-13219 7-24 5G	U.S. Deepwater Port Study, Vol. 2. Commodit
Metropolitan Master Planning,	ABEL, P. D.	Studies and Projections,
W74-10396 7-20 5D	Toxicity of Synthetic Detergents to Fish and	W74-06863 7-13 6
	Aquatic Invertebrates,	U.S. Deepwater Port Study, Vol 3. Physics
ABBOTT, M. B. System 21, 'Jupiter' (A Design System for	W74-13087 7-24 5C	Coast and Port Characteristics, and Selecte
Two-Dimensional Nearly-Horizontal Flows),	ABELE, L. G.	Deepwater Port Alternatives,
W74-02159 7-05 7C	Taxonomy, Distribution and Ecology of the	W74-06864 7-13 6
	Genus Sesarma (Crustacea, Decapoda, Grap-	ABOU-SEIDA, M. M.
ABBOTT, P. L.	sidae) in Eastern North America, with Special	Sediment Transport by Waves and Currents,
Calcitization of Edwards Group Dolomites in the Balcones Fault Zone Aquifer, South-Cen-	Reference to Florida,	W74-03111 7-06 2
tral Texas.	W74-04880 7-10 2I	ABRAHAM, G.
W74-10208 7-19 2F	ABELE, R. W. JR.	Hurricane Storm Surge Considered as
	Detailed Analysis of Short-Term Variations in	Resonance Phenomenon,
ABBOTT, W.	Beach Morphology (And Concurrent Dynamic	W74-04332 7-09 2
Nutrient Studies in Hyperfertilized Estuarine Ecosystems. I. Phosphorus Studies,	Processes) for Summer and Winter Periods,	ABRAHAM, R. L.
W74-05061 7-10 5C	1971-1972, Plum Island, Massachusetts, W74-02649 7-05 2E	Solvent Extraction of Metal 1,1
	7-03 21	

W74-12853

7-24 2D

ABD, E.

W74-13382

Contributions to the Water Relations of Olive Under Semi-Arid Conditions,

ABELISHVILI, G. B.

Effect of Microbiological Processes on Percolation of Water Through Soil,

7-24 2G

W74-01354

Solvent Extraction of Metal 1,10-Phenanthroline Complexes and Concentration of Trace Amounts of Metal Ions Prior to Spec-

trophotometric or Flame Photometric Determination,

ABKAHAM, K. L.		
ABRAHAMSEN, J.	ACKERMAN, B. A.	Under the Retention Level at the Weirs and
A Description of Some Recent Research Work of Particular Interest for the Introduction of	The Uncertain Search for Environmental Pol- icy: The Costs and Benefits of Controlling Pol-	Dams of Fishery Purposes, (In Rumanian), W74-07448 7-14 8I
New Wastewater Treatment Methods in Nor-	lution Along the Delaware River, W74-09999 7-19 5G	ADAMI, L.
way, W74-10180 7-19 5D		Computer Monitoring of Precipitation in Hun-
	ACKERMAN, E. A. Land-Use Institutions in the Washington-Bal-	gary, W74-06726 7-13 2B
ABRAM, F. S. H. Apparatus for Control of Poison Concentration	timore Region-A Mirror for Metropolitan	
in Toxicity Studies with Fish,	America,	ADAMOVIC, V. M. Determination of Ametrine and Atrazine
W74-06174 7-12 5C	W74-09414 7-18 6E	Residues in Soil by Thin-Layer Chromatog-
ABRAMOV, N.	ACKERMAN, S. R. The Uncertain Search for Environmental Pol-	raphy, W74-06024 7-12 5A
Methods of Reducing Power Consumption in Pumping Water in Water Supply Systems, In-	icy: The Costs and Benefits of Controlling Pol-	
cluding the Use of Booster Stations,	lution Along the Delaware River, W74-09999 7-19 5G	ADAMOWSKI, K. Time Series Analysis of the Hydrologic
W74-05093 7-10 8C		Regimen of a Groundwater Discharge Area,
ABRAMOV, N. N.	ACKERMANN, W. C. Current Thinking in Water Resources Research	W74-00362 7-01 2F
Problems of Reliability of Water-Supply	and Their Applicability to Hawaii Conditions,	ADAMS, B. J.
Systems (O problemakh nadezhnosti sistem vodosnabzheniya),	W74-07135 7-14 6B	Water Quality Evaluation of Regionalized
W74-10225 7-19 4A	Man-Made Lakes: Their Problems and En-	Wastewater Systems, W74-01107 7-03 5D
ABRAMOVICH, L. S.	vironmental Effects, W74-08747 7-17 4A	ADAMS C. P.
New Cases of Massive Development of Prym-		ADAMS, C. E. Hot Problem Solved by Aerated Lagoon,
nesium Parvum Cart, (In Russian), W74-13391 7-24 5C	Research Activities of the Illinois State Water Survey.	W74-05280 7-10 5D
	W74-07136 7-14 6B	ADAMS, D. B.
ABRAMS, M. Thermal Interaction of two Streams in Bounda-	ACKERS, P.	Time of Travel and Dye Dosage for an Irriga-
ry-Layer Flow Separated by a Plate,	Sediment Transport: New Approach and Anal-	tion Canal System Near Duchesne, Utah, W74-11970 7-22 2E
W74-04236 7-08 8B	ysis, W74-01279 7-03 2J	W74-11970 7-22 2E
ABSHAYEV, M. T.		ADAMS, F. S.
Problems of Technical Realization of Radar	ACKLEY, R. D. Rapid N-15 Isotopic-Ratio Analytical System	Element Constitution of Selected Aquatic Vascular Plants from Pennsylvania: Submersed
Measurements of Hail, W74-10689 7-20 3B	for Environmental Samples,	and Floating Leaved Species and Rooted Emer-
	W74-12916 7-24 5A	gent Species, W74-01526 7-03 5A
Procedure and Apparatus for Measuring the At- tenuation of Radar Radiation in Clouds and	ACKLEY, S.	
Precipitation,	Mesoscale Strain Measurements on the Beau- fort Sea Pack Ice,	ADAMS, H. III Coastal Storms of the Eastern United States,
W74-10688 7-20 3B	W74-06717 7-13 2C	W74-03098 7-06 2B
Radar in Weather Modification and Hail Con-	Structure of a Multiyear Pressure Ridge,	ADAMS, J. A. S.
trol,	W74-06718 7-13 2C	An Airborne Gamma Ray Spectrometer and Its
W74-10687 7-20 3B	ACKLEY, S. F.	Application in Nuclear Power Plant Site Sur-
ABU EL-SOUOD, S.	Data on Morphological and Physical Charac-	veys, W74-08908 7-17 5A
Ecological and Phytosociological Study of a Sector in the Lybian Desert,	teristics of Sea Ice in the Beaufort Sea, W74-06721 7-13 2C	
W74-02507 7-05 2I		Hydrologic Investigations of the Groundwaters of Central Texas Using U-234/U-238 Dis-
ABU-ZIED, M. A.	Investigations Performed on the Arctic Ice Dynamics Joint Experiment, March 1971,	equilibrium,
Modified Solutions for Decreasing Discharge	W74-06716 7-13 2C	W74-11465 7-22 2F
Wells,	Top and Bottom Roughness of a Multiyear Ice	ADAMS, J. B.
W74-00932 7-02 8B	Floe,	Dairy Farmer Concerns of Laws and Regula- tions Affecting Animal Waste Management.
ACCOMAZZO, M. A.	W74-06719 7-13 2C	W74-09672 7-18 5G
High Temperature Electrodialysis, Phase III, W74-08069 7-15 3A	ACKMAN, R. G.	ADAMS, J. E.
	An Assessment of the Assimilation of Elemen- tal Phosphorus by Newfoundland Marine Or-	Field Measurement of Evaporation from Soil
High Temperature Electrodialysis, Phase IV, W74-08070 7-15 3A	ganisms in the 1969 Pollution Problem and in	Shrinkage Cracks, W74-06900 7-13 2D
	1970 Monitoring Operations, W74-00709 7-02 5C	W /4-00900 /-13 2D
ACEITUNO, J. N. Venezuelan Experience on the Transfer of		The Lobster Fishing Industry of Mt. Pleasant,
Knowledge in Water Resources Engineering,	ACKROYD, E. A. Water Resources of the Big Sioux River Valley	Bequia Island, West Indies, W74-12774 7-24 6C
W74-00213 7-01 10A	Near Sioux Falls, South Dakota,	
ACHILLES, H. E.	W74-02619 7-05 2E	ADAMS, J. R. Application of Monitoring Technology (For As-
Pollution Abatement; Disposability Ratings of	ACREE, E. H.	suring) Drinking Water Quality,
Packaging Materials Used Aboard United States Naval Ships.	Processing and Analysis of Radioisotopic Sand	W74-10960 7-21 5F
W74-10398 7-20 5G	Tracer (RIST) Study Data, W74-03628 7-07 22	ADAMS, M. S.
ACHREM, T. J.	ADAM, A.	Field Studies on Photosynthesis of Cladophora Glomerata (Chlorophyta) in Green Bay, Lake
Ocean Waste Disposal in The New York Bight,	Contributions to the Calculation of the Rood	Michigan,
W74-10655 7-20 5B	Territory Width and the Transversal Section	W74-03274 7-07 5C

ADAMS, P.	ADEYEMO, M. D.	AGAKHANYANTS, O. E.
The Effects of Nitrogen, Potassium, and Subir-	Effect of Beach Slope and Shoaling on Wave	Typological Evaluation of Vegetation in the
rigation on the Yield, Quality, and Composition	Asymmetry, W74-04612 7-09 2E	Lower Circle of Western Pamir Based on Ex-
of Single-Truss Tomatoes, W74-11048 7-21 3F	W/4-04612 /-09 2E	perimental Study on the Changeability of As- sociations, (In Russian),
	ADKINS, T. R. JR.	W74-12678 7-23 21
ADAMS, P. C.	Biology, Distribution, Importance and Control of Deer Flies and Horse Flies	AGARDY, F. J.
Effects of Toxaphene Contamination on Estuarine Ecology,	(Diptera: Tabanide) in Water-Oriented Recrea-	Water Pollution Aspects of Street Surface Con-
W74-12592 7-23 5C	tional Areas,	taminants,
ADAMO W A AND	W74-09363 7-18 5G	W74-07418 7-14 5B
ADAMS, W. A. AND Viscosity Measurements of Water in Region of	ADLER, J. B.	AGARWAL, S. C.
Its Maximum Density,	Document Services and Referral Activities in	Irrigation NumberA New Technique to Evalu-
W74-04518 7-09 2K	the Legal, Legislative, and Regulatory Area, W74-03051 7-06 10B	ate Irrigation Advance Distance,
ADAMS, W. H.	W/4-03031 /-06 10B	W74-08266 7-16 3F
Preliminary Study of The Quality of Water in	ADRIAN, D. D.	AGEE, J. K.
The Drainage Area of The Jemez River and Rio	New Analytical Solutions for Dye Diffusion Equations,	Prescribed Fire Effects on Water Repellency,
Guadalupe, W74-10658 7-20 5B	W74-11021 7-21 2E	Infiltration and Retention in Mixed-Conifer Litter, Duff and Soil,
	ADDIAN W I	W74-02442 7-05 4C
Pu-238 Incorporated in Fish Living in Water	ADRIAN, W. J. A Comparison of A Wet Pressure Digestion	ACRES II
Containing PuO2/238, W74-09867 7-19 5C	Method with Other Commonly Used Wet and	AGENA, U. Application of Iowa's Water Pollution Control
	Dry-Ashing Methods,	Law to Livestock Operations,
ADAMS, W. J. Survival and Penraduction of Ping Necked	W74-00462 7-01 5A	W74-09668 7-18 5G
Survival and Reproduction of Ring-Necked Pheasants Consuming Two Mercurial Fungi-	ADRIANO, D. C.	AGG, A. R.
cides,	Nitrate Concentrations in the Unsaturated	Devices for the Pre-Dilution of Sewage at Sub-
W74-06808 7-13 5C	Zone Beneath Irrigated Fields in Southern California,	merged Outfalls,
ADAMS, W. M.	W74-07445 7-14 5G	W74-13450 7-24 5D
Optimum Drilling Sites for Ground-Water	Nitrate in Unsaturated Zone of an Alluvial Soil	AGNEW, A. F.
Development on the East Coast of Lanai	in Relation to Fertilizer Nitrogen Rate and Ir-	Sandstone Aquifers in Eastern Sullivan Coun-
Island, W74-07734 7-15 4B	rigation Level,	ty, Indiana,
W/4-0//34 /-13 4B	W74-01774 7-04 2G	W74-07401 7-14 4B
Three-Dimensional Zone Model Log Interpreta-	Waste Accumulation on a Selected Dairy Cor-	AGNEW, R.
tion, W74-07735 7-15 8G	ral and Its Effect on the Nitrate and Salt of the	Estuarine Currents and Tidal Streams,
W/4-0//33 /-13 8G	Underlying Soil Strata,	W74-04344 7-09 2L
ADAMSEN, F. J.	W74-08921 7-17 5B	AGNEW, R. W.
Effects of Suspended Silt on Dissolved	ADYALKAR, P. G.	Screening/Dissolved-Air Flotation Treatment
Phosphorus Level in the Gallatin River, W74-12361 7-23 5B	Application of Groundwater Hydraulics to a	of Combined Sewer Overflows, W74-07262 7-14 5D
	Basaltic Water-Table Aquifer, W74-10569 7-20 4B	W 74-07202 7-14 3D
ADDISON, L. E. The Transmissivity Iterative Programs on the		AGONA, J. L.
PDP-9 Computer - A Man-Machine Interactive	ADZHIMURADOV, K. A. Feeding of Juvenile Carp Cyprinus carpio L. in	The 'Palmelloid' State in a Blue-Green Alga, Anabaena sp. I. Preliminary Report,
System,	the Arakum Bodies of Water (Delta of the	W74-00723 7-02 5C
W74-09825 7-19 2F	Terek River) at Early Developmental Stages,	
ADDISON, R. F.	(In Russian),	AGRAWAL, J. P. Development of Sea Water Membranes, Part I,
Analysis of Elemental Phosphorus and Some of	W74-04649 7-09 2L	W74-11643 7-22 3A
Its Compounds by Gas Chromatography,	AFANAS'YEV, K. L.	
W74-00712 7-02 5C	Aircraft Measurement of Sea-Wave Parameters by the Radio-Engineering Method (Izmereniye	Development of Sea Water Membranes, Part II.
An Assessment of the Assimilation of Elemen-	parametrov morskogo volneniya radiotekh-	W74-11644 7-22 3A
tal Phosphorus by Newfoundland Marine Or-	nicheskim metodom s letatel'nogo apparata),	
ganisms in the 1969 Pollution Problem and in 1970 Monitoring Operations,	W74-09933 7-19 7B	AGUADO, E. Ground-Water Hydraulics in Aquifer Manage-
W74-00709 7-02 5C	AFGHAN, B. K.	ment,
Occurrence of DDT Residues in Beluga Whales	An Improved Method for Determination of	W74-03913 7-08 4B
(Delphinapterus Leucas) From the Mackenzie	Trace Quantities of Phenols in Natural Waters, W74-12930 7-24 5A	Optimal Pumping for Aquifer Dewatering,
Delta, N.W.T.,		W74-09620 7-18 4B
W74-06061 7-12 5A	AFIFI, S. S.	Ontimal Burning for Aquifer Devetoring
PCB Residues in Plankton from the Gulf of St.	Thaw Consolidation of Alaskan Silts and Granular Soils.	Optimal Pumping for Aquifer Dewatering, W74-10325 7-19 4B
Lawrence,	W74-04379 7-09 2C	
W74-05256 7-10 5A		AHEARN, D. G.
Variation of Organochlorine Residue Levels	AFRIKIAN, E. G. Scanning Electron Microscopy of Bacterial	Degradation of Crude Oil by Yeasts and its Effects on Lesbistes reticulatus,
with Age in Gulf of St. Lawrence Harp Seals	Colonies,	W74-08639 7-16 5C
(Pagophilus Groenlandicus),	W74-04885 7-10 5A	The Impact of Oil on Marchland Missakist
W74-01300 7-03 5A	AGAFONAVA, YE. G.	The Impact of Oil on Marshland Microbial Ecosystems.
ADEY, W. H.	Temperature and Salinity Statistics of Surface	W74-08631 7-16 5C
Temperature Control of Reproduction and Productivity in a Subarctic Coralline Alga,	Waters of the Atlantic Ocean (Statistika tem- peratury i solenosti poverkhnosti Atlantiki),	The Microbial Degradation of Oil Pollutants,
W74-06751 7-13 5C	W74-09650 7-18 2K	W74-08609 7-16 5B

AHEARN, D. G.

Microbial-Facilitated Degradation of Oil: A Prospectus,	Flux-Gradient Relationships and Soil-Water Diffusivity from Curves of Water Content Ver-	AKENO, T. Chemical Prospecting of Steam and Hot Water
W74-08610 7-16 5B	sus Time, W74-07512 7-14 2G	in the Matsukawa Geothermal Area, W74-09023 7-17 2K
AHLFELD, T. E.	W74-07512 7-14 2G	W74-09023 7-17 2K
Alkane Degradation in Beach Sands, W74-08629 7-16 5B	A Similarity During Early Stages of Rain In- flitration.	AKERHAGEN, P-A. Float Wash Clarifies White Water for Paper
	W74-10205 7-19 2G	Machine Re-use,
The Relative Changes in n-Alkane Composition		W74-11091 7-21 5D
in Surface Water Slicks, W74-08633 7-16 5B	AIBA, S.	AVERS I D
W 74-08033	Effect of Copper and Hexavalent Chromium on the Specific Growth Rate of Ciliata Isolated	AKERS, J. P. The Effect of Proposed Deepening of the John
AHLQUIST, N. C.	from Activated-Sludge,	F. Baldwin and Stockton Ship Channels on
H2SO4/(NH4)2SO4 Aerosol: Optical Detection	W74-02994 7-06 5C	Salt-Water Intrusion, Suisun Bay and Sacra-
in St. Louis Region, W74-10965 7-21 5A		mento-San Joaquin Delta Areas, California,
W/4-10903	Investigation of the Energetics of Methane-	W74-09408 7-18 5B
AHLRICHS, J. L.	Utilizing Bacteria in Methane- and Oxygen- Limited Chemostat Cultures,	AKHMEDOV, B.
Determination of Clay Surface Acidity by In-	W74-03601 7-07 5A	Intensity of Plant Transpiration in Certain
frared Spectroscopy, W74-10643 7-20 2G		Varieties and Mutant Forms of Cotton, (In
W 74-10043 7-20 2G	AIBULATOV, N. A.	Russian),
Effect of Acidity on Reactions of Organic	The Role of Eolian Processes in the Dynamics	W74-00026 7-01 3F
Acids and Amines with Montmorillonitic Clay	of a Shallow Accumulation Coast, W74-04440 7-09 2J	AKHMEDOV, I. A.
Surfaces, W74-10244 7-19 5B	174-04440	Biology of Arctodiaptomus acutilobatus Sars
W /4-10244 /-19 3B	AIELLO, V. S.	(Copepoda, Crustacea) in the Mingechaur
AHMAD, I.	Separating Apparatus,	Water Reservoir, (In Russian),
Measures for Better Utilization of Irrigation	W74-00086 7-01 5G	W74-08683 7-16 2H
Potential in the Arid and Semi-Arid Zones of	AIN, G.	Contribution to the Study of Zooplankton and
West Pakistan and a Proposal for Future Coor- dinated Research Activities in This Field Suited	Ecological Research, Eradication of	Zoobenthos in the Mingechaur Reservoir, (In
to the Cento Region,	Mosquitoes, and Protection of Nature,	Russian),
W74-02939 7-06 3F	W74-11189 7-21 5B	W74-02341 7-05 2H
AHMAD, M. U.	AIRAKSINER, J. U.	Hydrological Investigation of Some Oxbow
Coal Mining and Its Effect on Water Quality,	On the Combined Treatment of Domestic	Lakes of the Lower Kury, (in Russian),
W74-09592 7-18 5B	Sewage and Waste Water from Wood Indus-	W74-11197 7-21 2H
Mapping of Spoil Banks Using ERTS-1 Pic-	tries, W74-10173 7-19 5D	AKHMEDOV, R. M.
tures.	W/4-101/3	Role of Soil Conditions in the Development of
W74-06695 7-13 5A	AISLABIE, C. J.	Moths, (In Russian),
AHMAD C	Payment by Use in Urban Water Supply,	W74-04640 7-09 3F
AHMAD, S. Water Requirements of Wheat and Cotton on a	W74-11683 7-22 6C	AKHROROV, F. A.
High Water Table Soil Under Arid Conditions,	AITA, N.	Data on the Hydrobiology of Fish Ponds of
W74-01595 7-03 3F	Studies of the Ingredients Variation of the	Southern Tadzhik SSR, (In Russian),
AUMADUAN M	Sake-Gawa River, A Tributary of the Mogami	W74-12167 7-23 8I
AHMADJIAN, M. Novel Method for Sampling Oil Spills and for	River (In Japanese),	AKHVERDOV, S. T.
Measuring Infrared Spectra of Oil Samples,	W74-07360 7-14 2K	Effect of Light Intensity on the Quality and
W74-05451 7-11 5A	AITCHISON, P. A.	Feeding Effectiveness of Green Fodder, (In
AWARD	The Relation Between the Synthesis of Inor-	Russian),
AHMED, J. Dynamic Simulation of Automated Subsurface	ganic Polyphosphate and Phosphate Uptake by	W74-04821 7-09 3F
Irrigation Systems,	Chlorella Vulgaris, W74-04094 7-08 5C	AKIMOV, A. M.
W74-08931 7-17 3F	W/4-04094 /-08 3C	Hygienic Evaluation of Polymers Used in the
AHMED, M.	AITKEN, A. P.	Membrane Methods of Water Desalination (In
Oxidation of Polychlorinated Biphenyls by	Assessing Systematic Errors in Rainfall-Runoff	Russian),
Achromobacter pCB.	Models,	W74-13159 7-24 5D
W74-00632 7-02 5B	W74-06893 7-13 2A	AKINBAMI, S. O.
AHNOFF, M.	Hydrologic Investigation and Design in Urban	Activated Sludge Process Using Pure Oxygen,
Confirmation Studies on Polychlorinated	AreasA Review,	W74-11799 7-22 5D
Biphenyls (PCB) from River Waters Using	W74-04597 7-09 2A	AKIYA, T.
Mass Fragmentography,	AITKEN, G. W.	Determination of Fatty Acid Composition by
W74-10820 7-20 5A	Some Passive Methods of Controlling	Gas Chromatography: I. Analysis with Use of
Simple Apparatus for On-Site Continuous	Geocryological Conditions in Roadway Con-	Thermal Conductivity Detector,
Liquid-Liquid Extraction of Organic Com-	struction,	W74-03311 7-07 2K
pounds from Natural Waters,	W74-04406 7-09 2C	AKIYAMA, T.
W74-08414 7-16 5A	AKAGANE, K. AND	Chemical Composition and Molecular Weight
AHRENS, J. P.	Clarification Method of Polluted Water from	Distribution of Dissolved Organic Matter
A Model Study of the Entrance Channel Depoe	Paper Mills With Combination of Beer Effluent	Produced by Bacterial Degradation of Green
Bay, Oregon,	(In Japanese),	Algae,

AKBAROV, A. A.
Hydrological Regime of Glaciers in the Alay
Range, Central Asia,

W74-04528

W74-09346

7-07 8B

7-03 2G

Algae, W74-08494

AKKI, S. B.
Solvent Extraction of Selenium (IV) with 2-

7-15 5A

Thenoyltri-Fluoroacetone, W74-07692

7-09 5D

7-18 2C

W74-03614

W74-01576

AHUJA, L. R.
Effect of Portland Cement on Soil Aggregation and Hydraulic Properties,

AKLILU, P. AND	ALABASTER, J. S.	ALBRECHT, J. C.
Flood Proofing Decisions Under Uncertainty: An Application to the Connecticut River Basin,	Oxygen in Estuaries: Requirements for Fisheries, W74-06542 7-13 5C	Alterations in the Hydrologic Cycle Induced by Urbanization in Northern New Castle County, Delaware: Magnitudes and Projections,
W74-04463 7-09 6A	W74-06542 7-13 5C	W74-07729 7-15 4C
AKOPYAN, G. A. AND	ALAGARSAMY, S. R.	ALBERCAS E E
Effect of Light Intensity on the Quality and	Conventional Treatment Methods for Pulp and	ALBREGTS, E. E. Effect of Fertilization and Mulching with Bio-
Feeding Effectiveness of Green Fodder, (In	Paper Mill Wastes and Disposal on Land for Irrigation.	Degradeable Polyethylene-Coated Paper on
Russian), W74-04821 7-09 3F	W74-03547 7-07 5D	Responses of Okra and Peppers,
AKSENOV, M. YA.	Pulp and Paper Mill Wastes Treatment; Alter-	W74-13370 7-24 3F
The Use of Ice-Forming Aerosols for Cloud	natives and Cost Economics,	Influence of Temperature and Moisture Stress
Modification and Results of Investigations of	W74-03548 7-07 5D	from Sodium Chloride Salinization on Okra Emergence,
New Ice-Forming Reagents, W74-11783 7-22 3B	ALAWI, A. A.	W74-08073 7-15 3C
W /4-11/63 /-22 3B	Dead Populations of Fish in the Rivers Jordan	
AKSENOVA, E. I.	and Zarqa,	ALBRIGHT, L. J.
Effect of River Discharge Regulation on the	W74-12247 7-23 5C	Factors Affecting the Behavior of Five Chlorinated Hydrocarbons in Two Natural
Lower Don Phytoplankton, (In Russian),	ALBANESE, J. P.	Waters and Their Sediments,
W74-00120 7-01 5C	Separating Apparatus,	W74-06064 7-12 5B
AKSENOVA, V. B.	W74-00086 7-01 5G	
Hygienic Evaluation of Polymers Used in the		Sublethal Effects of Several Metallic Salts-Or-
Membrane Methods of Water Desalination (In	ALBANESE, P.	ganic Compounds Combinations Upon the
Russian).	Bio-Degradation of Non-Ionic Surfactants-II: Biodegradation Assessments (Biodegradazione	Heterotrophic Microflora of a Natural Water,
W74-13159 7-24 5D	di Tensioattivinon Ionici. Nota 2: Misure Della	W74-11352 7-21 5C
	Biodegradazione),	ALBUS, C. J. JR.
AKSYUK, A. F.	W74-13279 7-24 5B	Costs for Large Scale Continuous Pyrolysis of
Hygienic Evaluation of the Quality of Water		Solid Wastes,
Obtained by Means of Electrodialysis Desalting of Imitation Sea Water, (In Russian),	ALBANUS, L.	W74-00404 7-01 5D
W74-00478 7-01 3A	Toxicity for Cats of Methylmercury in Con-	ALCARAZ, M.
W/4-004/0	taminated Fish from Swedish Lakes and of Methyl-Mercury Hydroxide Added to Fish,	Oxygen Consumption in Relation with Size and
AL-ANI, A. N.	W74-11711 7-22 5C	Temperature in Crustacea (Consumo de ox-
Effect of Soil Salinity on the Rate of Evapora-		igeno en funcion del tomano y la temperatura
tion,	ALBERT, J. T.	en crustaceos),
W74-12846 7-24 2G	Adsorption of Lysozyme and Ovalbumin by	W74-12254 7-23 5C
AL-DIWANY, H. K.	Clay: Effect of Clay Suspension pH and Clay	ALDERSON, R.
Free Convection Film Condensation of Steam	Mineral Type, W74-10246 7-19 2G	The Effect of Algae on the Water Conditions in
in the Presence of Non-Condensing Gases,	W74-10240	Fish Rearing Tanks in Relation to the Growth
W74-02896 7-06 8B	ALBERTS, J. J.	of Juvenile Sce, Solea Solea (L.),
AT THEORY BY	Mercury Determinations in Natural Waters by	W74-13088 7-24 5C
AL-HUSSAINY, R.	Persulfate Oxidation,	ALDON E E
A Method for Determining the Static Pressure of a Well from Buildup Data,	W74-11378 7-21 5A	ALDON, E. F. Reactivating Soil Ripping Treatments for Ru-
W74-04162 7-08 8G	ALBERTSON, H. D.	noff and Erosion Control in the Southwestern
7-00 00	Long-Term Changes in the Settlement of Bar-	U.S.,
AL-KHAFAJI, A. A.	nacles in the Miami Area,	W74-07089 7-14 2G
Feasibility Study for the Establishment of Dal-	W74-12248 7-23 5C	Company of the same of the sam
maj Pilot Project,	ALBERTSON, M. L.	Seventeen-Year Sediment Production from a
W74-13346 7-24 3F	Optimal Conjunctive Use Model for Indus	Semiarid Watershed in the Southwest, W74-01948 7-04 4D
AL-MASHIDANI, G.	Basin,	W 74-01246 7-04 4D
A Finite Element Approach to Watershed Ru-	W74-08059 7-15 4B	Vegetation Changes as a Result of Soil Ripping
noff,		on the Rio Puerco in New Mexico,
W74-10937 7-21 2A	Research and Education for Development, W74-00212 7-01 10A	W74-00696 7-02 4A
AT NAPOHABANDI C. A	W/4-00212 /-01 10A	ALDRICH, R. H.
AL-NAKSHABANDI, G. A. The Transpiration of Corn,	ALBERTSSON, U.	Pollution Control: New Method of Financing,
W74-00467 7-01 2D	Environmental Protection Techniques to be	W74-09563 7-18 5G
W 74-00407 7-01 2D	Applied in a Bleached Kraft Pulp Mill in	AT DRINGE B
AL-RAWI, A. H.	Sweden,	ALDRIDGE, R. Interception of Rainfall by Hard Beech
Feasibility Study for the Establishment of Dal-	W74-07392 7-14 5D	(Nothofagus Truncata) at Taita. New Zealand.
maj Pilot Project,	ALBERTYN, J.	W74-12683 7-23 2B
W74-13346 7-24 3F	Method of Preparing Washed Suspensions of	
AL-SIBAAI, A. A.	Anaerobic Bacteria for Metabolic Studies,	ALDWORTH, G. A.
Stability of Dilute Standard Solutions of An-	W74-06875 7-13 5A	Some Plant Design Considerations in
timony, Arsenic, Iron and Rhenium Used in	ALBESCU, I.	Phosphorus Removal Facilities, W74-08854 7-17 5D
Colorimetry,	Influence of the Ratio Between Matric and	70007
W74-03842 7-08 2K	Osmotic Suctions on the Oat and First-Year Al-	ALEEM, A. A.
AL'TSHUL', A. D.	falfa Yields, (In Rumanian),	Quantitative Estimation of Bottom Fauna in
Hydraulic Drag During Infiltration of Water in	W74-12715 7-23 3F	Lake Mariut,
a Soil Vegetative Layer (Gidravlicheskiye	ALBIN, R. C.	W74-02549 7-05 2H
soprotivleniya pri fil'tratsii vody v rastitel'nom	Characteristics of Wastes from Southwest Beef	ALEKIN, O. A.
sloye pochvy),	Cattle Feedlots,	Achievements and Immediate Tasks of
W74-09931 7-19 2G	W74-09694 7-18 5D	Hydrochemistry on the Fiftieth Anniversary of

ALEKIN, O. A.

the Founding of the USSR (Dostizheniya gidrokhimii za 50 let sushchestvovaniya SSSR i yeye blizhayshiye zadachi), 7-04 2K W74-01969

ALEKPEROV, K. A.

Accumulation of Root Mass in Perennial Legume Plots on Eroded Soils (In Azerbaidz-W74-03874 7-08 3F

ALEKSASHENKO, A. A.

Analytical Methods of Solution of Conjugated Problems in Convective Heat Transfer, 7-09 8B

ALEKSASHENKO, V. A. AND
Analytical Methods of Solution of Conjugated Problems in Convective Heat Transfer,

ALEKSEYENKO, R. YA.

Effect of Hydrometeorological Conditions on Time of Ice Formation on Rivers in the Baltic Sea Region and Belorussia (Vliyaniye gidrometeorologicheskikh uslovity na sroki poyavleniya l'da na rekakh Pribaltiki i Belorus-W74-05143 7-10 2C

ALEKSEYEV, V. R.

Regime of Snow-Avalanche Descent in Northern Transbaykal (Rezhim skhoda snezhnykh lavin na severe Zabaykal'ya), W74-10625 7-20 2C

ALEKSEYEV, YU. I.

All-Union Conference on Use and Conservation of Water Resources (Vsesoyuznoye soveshchaniye po ispol'zovaniyu i okhrane vodnykh resursov), W74-02748

ALEMANY, R.

Algorithm for Solving a Class of Linear Programming Problems Related to Reservoir Management and Design. 7-02 4A W74-00667

Bubbly Two-Phase Flow in Hydraulic Jump, W74-05831

ALESHINA, A. K.

Distribution of Arsenic in Deep Groundwater of The Middle Caspian Artesian Basin (K voprosu o raspredelenii mysh'yaka v glubokikh podzemnykh vodakh Srednekaspiyskogo artezianskogo basseyna), W74-10379 7-20 5B

ALESINA, I. G.

Determination of the Alkalinity of Mill Effluents (Opredelenie shchelochnosti stochnykh vod). W74-08411

ALESSI, J.

Recovery, Residual Effects, and Fate of Nitrogen Fertilizer Sources in a Semiarid Region, W74-08086 7-15 5B

ALEXANDER, C. E.

The Japanese Legal Approach to Marine Pollution. W74-10702 7-20 6E

ALEXANDER, J. E.

Mercury in Striped Bass and Bluefish, W74-11488 7-22 5A ALEXANDER, L. M.

Indices of National interest in the Oceans. W74-02499 7-05 6E

ALEXANDER, L. T.

Desalted Seawater for Agriculture: It is Economical. W74-06467

ALEXANDER, M.

2,4-dichlorophenoxyacetate metabolism by Arthrobacter sp.: Accumulation of a Chlorobutenolide. W74-01550

Estimating the Density of Individual Bacterial Populations Introduced into Natural

Ecosystems. W74-04890

Microbial Degradation of DDT. W74-11992 7-22 5B

Microbial Formation of Nitrosamines in Vitro. W74-00654 7-02 5B

Possible Microbial Contribution to Nitrosamine Formation in Sewage and Soil, W74-06136 7-12 5B

ALEXANDER, R. C.

Comments on Johnson's Paper, 'On the Wind-Driven Circulation of a Stratified Ocean', W74-04675 7-09 2E

ALEXANDER, R. C. AND

A Three-Dimensional Model for Estuaries and Coastal Seas: Volume I, Principles of Computation. W74-04301 7-09 2I.

ALEXANDER, R. H.

ERTS Regional-Scale Overview Linking Land Use and Environmental Processes in Carets,

Land Use Classification and Change Analysis Using ERTS-1 Imagery in Carets, W74-06625 7-13 4A

ALEXANDER, S. A.

Analysis and Application of ERTS-1 Data for Regional Geological Mapping, W74-01691 7-04 7C

ALEXANDER, S. S.

The Use of ERTS-1 MSS Data for Mapping Strip Mines and Acid Mine Drainage in Pennsylvania, W74-02573 7-05 7B

ALEXANDERSSON, T.

Carbonate Cementation in Coralline Algal Nodules in the Skagerrak, North Sea: Biochemical Precipitation in Undersaturated Waters, W74-06294 7-12 2J

ALFARO, J. F.

Trickle Irrigation Soil Water Potential as Influenced by Management of Highly Saline Water. W74-10292 7-19 3C

ALFEROVA, L. A.

Sewage Treatment in the Northern Areas of the U.S.S.R.. W74-10164 7-19 5D ALFORD, A. L.

Environmental Applications of Advanced Instrumental Analyses: Assistance Projects, FY W74-04197 7-08 5A

Organic Pollutant Identification Utilizing Mass

Spectrometry, W74-00309 7-01 5A

ALFORD, W. L.

Interpretation Techniques Development, W74-01170 7-03 7B

ALGAZI, V. R.

Digital Enhancement of Multispectral MSS Data for Maximum Image Visibility, W74-06654

ALGER, G. R.

7-10 5A

Storage and Disposal of Iron Ore Processing Wastewater. W74-10193

ALHONEN, P.

Galltrasket: The Geological Development and Palaeolimnology of a Small Polluted Lake in Southern Finland, W74-11173 7-21 2H

ALI. K. H.

Pesticides in Effluents and Polluted River Water. W74-06130 7-12 5A

ALI, S.

Availability of Phosphorus and Nitrogen in Acid Soil in Presence of Calcium Salts, 7-04 2G W74-01896

Column Partition Chromatographic Determination of Sodium Alkane Monosulfonates, W74-03867 7-08 5A

ALI-ZADE, A. A.

Characteristics of Organic-Matter Distribution in Calcareous Sediments of the Caspian Sea and in Mesozoic Carbonate Rocks of the Southeastern Caucasus (Osobennosti raspredeleniya organicheskogo veshchestva v izvestkovykh osadkakh Kaspiyskogo morya i karbonatnykh porodakh mezozoya yugovostochnogo Kavkaza), W74-05021

ALI-ZADE, KH. M.

Seasonal Variations in the Qualitative and Quantitative Composition of Young Fish Populations in the Varvara Reservoir, (In Russian), W74-02560 7-05 2H

ALI-ZADE, M. A.

Characteristic Changes in Water Forms in Cereal Type, Leaves Cultivated Without Irrigation. (In Azerbaijan). W74-06233

ALIEV. A. D.

Experimental Study of the Effect of Oil on Some Representatives of Benthos in the Caspian Sea. W74-05440 7-11 5C

ALIEV. D. A.

Aquatic-Bog Vegetation of the Samur River Basin, (In Russian). W74-11172 7-21 21

ALIEV, S. V. AND

Role of Soil Conditions in the Development of Moths (In Russian) W74-04640 7-09 3F

ALIMDZHANOV, R. A.	
Grasshoppers and Crickets in the	Karshi
Steppe, (In Russian),	
W74-02239	7-05 3F
ALIMOV, M. S.	
Water-Salt Balance of Groundwate	
Golodnaya Steppe in 1969 (Vodn	
balans podzemnykh vod Golodnoy	stepi za
1969 god),	
W74-00340	7-01 4B
ALIYEV, GM. A.	
Characteristics of Organic-Matter Di	
in Calcareous Sediments of the Cas	
and in Mesozoic Carbonate Rock	
Southeastern Caucasus (Osobenne	
predeleniya organicheskogo veshches	
vestkovykh osadkakh Kaspiyskogo	
karbonatnykh porodakh mezozoy	a yugo-
vostochnogo Kavkaza), W74-05021	7-10 SB
W /4-03021	/-10 3B
ALKEZWEENY, A. J.	
Airborne Measurements of the Size	
tion and the Condensation and Ice I	
Ability of Particles Produced by Agl	
ing Pyrotechnics and Acetone Solu	tion Bur-
ners,	
W74-10239	7-19 3B
ALKIKU, P.	
Flood Proofing Decisions with	Uncertain
Events,	
W74-07299	7-14 6A
ALLAN, D. S.	
Priminary System Development,	Chemical
Hazards Response Information	
(CHRIS),	-,

ALLAN, D. S			~	
Priminary	System	Development,	Chem	ncal
Hazards	Response	Information	Sys	tem
(CHRIS).				
W74-01092			7-02	5B

ALLAN, G. G. Clarification Method of Polluted Water from Paper Mills With Combination of Beer Effluent (In Japanese), W74-04528 7-09 SD

Wood Waste Reuse in Controlled Release Pesticides, W74-05286 7-10 5D

ALLAN, W. N.

Planning for the Ultimate Hydraulic Development of the Nile Valley, W74-04997 7-10 4A

ALLANSON, B. R.

The Fine Structure of the Periphyton of Chara Sp. and Potamogeton Natans from Wytham Pond, Oxford, and Its Significance to the Macrophyte-Periphyton Metabolic Model of R. G. Wetzel and H. L. Allen, W74-10808 7-20 5C

A Report on the Limnology of Monroe Reservoir. Indiana. W74-04792 7-09 2H

ALLARDICE, D.

Water Law and Its Relationship to Environmental Quality: A Bibliography of Source Material. W74-03322 7-07 5G

ALLARDICE, D. R.

Water Law in Relation to Environmental Quali-W74-10202 7-19 5G

ALLDREDGE, A. W.

Project Rio Blanco: Prompt Ecological Effects Resulting From Ground Motion, W74-09831 7-19 5C

ALLEE, B. J.

Impact of Forest Management Practices on the Aquatic Environment. W74-12355 7-23 SC

ALLEE, D. J.

A Challenge to the Academic Community: Economics and Institutions in the Report of the National Water Commission, W74-03184 7-06 6B

The National Water Commission Report: A Review. W74-01853 7-04 6E

ALLEN, A. L.

Chemical Distribution of Residual Fertilizer Nitrogen in Soil as Revealed by Nitrogen-15 Studies. W74-08332 7-16 5B

Gold Twin-Electrodes in Thin-Layer Electrochemistry, W74-05475 7-11 2K

ALLEN, D. M.

Combining Experiments to Predict Future Yield Data, W74-10344 7-19 3F

ALLEN, F. J. JR.

Petroleum Systems Reliability Analysis, A Program for Prevention of Oil Spills Using an Engineering Approach to a Study of Offshore and Onshore Crude Oil Petroleum Systems, Volume II - Appendices, 7-15 SG W74-07957

Petroleum Systems Reliability Analysis, Volume I - Engineering Report, A Program for Prevention of Oil Spills Using an Engineering Approach to a Study of Offshore and Onshore Crude Oil Petroleum Systems, W74-02947 7-06 5G

ALLEN, G. W.

The Threshold of Environmental Reason, W74-12768 7-24 6G

ALLEN, H. E.

Floods in Harvard Quadrangle, Northeastern Illinois W74-13190 7-24 7C

Phosphorus: Analysis of Water, Biomass, and Sediment. W74-01800 7-04 5C

ALLEN, J.

Sewage Farming, W74-01863 7-04 5D

ALLEN, J. B.

The Water Budget and Waste Treatment at a Modern Dairy, W74-00560 7-02 5D

ALLEN, J. L.

Preparation and Properties of Quinaldine Sulfate, an Improved Fish Anesthetic, W74-10386 7-20 81

Residue of Quinaldine in Ten Species of Fish Following Anesthesia With Quinaldine Sulfate, W74-10389

ALLEN, J. R. L.

Development of Flute-Mark Assemblages: 1. Evolution of Pairs of Defects, W74-05726 7-11 21

ALLEN L. R.

Town 'Captures' Natural Spring: Cuts Water Treatment Costs, W74-10567 7-20 5F

ALLEN, R. R.

Cultural Practices for Irrigated Winter Wheat Production. W74-10327 7-19 3F

Wheat and Grain Sorghum Irrigation in a Wide Bed-Furrow System, W74-06580 7-13 3F

ALLEN, T. F. H.

Multivariate Approaches to Algal Stratagems and Tactics in Systems Analysis of Phytoplankton. W74-06047 7-12 5C

ALLEN, T. J.

Development of a Production Technique for Porous Stainless Steel Tubes, W74-08503 7-16 8G

Dissipation and Phytotoxicity of Dicamba Residues in Water, W74-02370

ALLEN, W. A.

Reflectance Discrimination of Cotton and Corn at Four Growth Stages, W74-08269

ALLEN, W. H.

First-Look Analysis of Geologic Ground Patterns on ERTS-1 Imagery of Missouri, W74-01704 7-04 7C

ALLERSMA, E.

Transport Patterns in the Chao Phya Estuary, W74-03693 7-07 21

ALLEY, C. C.

Practical Methods for Derivatizing and Analyzing Bacterial Metabolites with a Modified Automatic Injector and Gas Chromatograph, W74-01336 7-03 5A

Vegetative Response to Chemical Control of Broom Snakeweed on a Blue Grama Range, W74-02943 7-06 4A

Lead Concentrations in the Wooly Sculpin Clinocottus Analis, Collected from Tidepools of California, W74-12515 7-23 SB

ALLISON, L. N.

Parasites, Disease, and Disease Control of Great Lakes Anadromous and Commercial Fish W74-00229

ALLRED, E. R.

Infiltration and Root Extraction from Subsurface Irrigation Laterals, W74-08270 7-16 3F

Subsurface Irrigation with Heated Water, Its Management and Application Toward Reduction of Thermal Pollution Problems, W74-12358

ALITHOR INDEX

ALLWARDT, A. O.

ALLWARDT, A. O.
The Occurrence of Glauconite in Monterey
Bay, California, Diversity, Origins, and Sedimentary Environmental Significance,
W74-10370 7-20 2L

ALLWOOD, J. K.

Research Needs and Priorities: Water Pollution Control Benefits and Costs, Vol. II, W74-04465 7-09 5G

ALLWOOD, R. J.

Developing a National Library of Programs Using Genesys, W74-12147 7-23 6A

ALMEIDA, S. P.

Holographic Microscopy of Diatoms, W74-00247 7-01 5C

ALMGREN, T.

A Fluorimetric Determination of Lignin Sulfonates from Natural Waters in Presence of Humic Substances, W74-03079 7-06 5A

The Oxidation Rate of Sulphide in Sea Water, W74-10365 7-20 5B

ALMON, W. R.

Association Constants of Ion Pairs in Natural Waters, W74-09806 7-19 2K

ALOIA P.C

Sterile Culture Techniques for Species of the Rotifer Asplanchna, W74-03316 7-07 5A

ALQUIST, H. E.

Containing and Removing Oil Spills on Water, W74-03670 7-07 3A

ALT. D. D.

Applicability of ERTS-1 to Lineament and Photogeologic Mapping in Montana-Preliminary Report, W74-02569 7-05 7B

ALT, L. M.

Filter Bottom and Molded Module Therefor, W74-03006 7-06 5D

ALTENSTADTER, J.

Application of Remote Sensing Techniques in Land Use Planning: Floodplain Delineation, W74-13142 7-24 4A

ALTER, A. J.

An Evaluation of Waste Disposal Practices in Alaska Villages, W74-10161 7-19 5D

Water Supply and Waste Disposal Concepts Applicable in Permafrost Regions, W74-04405 7-09 5D

ALTHAUS, H.

Results of Examinations of Hospital Waste Water (Ergebnisse der Untersuchungen von Krankenhausabwaessern), W74-08286 7-16 5B

ALTINBILEK, H. D.

Bed Forms Generated in the Laboratory Under an Oscillatory Flow: Analytical and Experimental Study, W74-03612 7-07 8B

ALTMANN, R.

Analysis of Lightweight Oil Containment System Sea Trials, W74-11224 7-21 5G ALVAREZ, R.

Permafrost: Relation Between Ice Content and Dielectric Losses at 100 Deg K, W74-05994 7-12 2C

ALVERSON, D. L.

Northwest Fishery Center Research on Effects of Environmental Contaminants on Marine Organisms, W74-09572 7-18 5C

ALVIM, DE TARSO PAULO

Effects of Drainage on the Yield of Cacao, (In Portuguese),
W74-07435
7-14
3F

ALVIS, C.

Changes in Species Composition of Phytoplankton Due to Enrichment by N, P, and Si of Water From a North Florida Lake, W74-01503 7-03 5C

ALYEA, F. N.

Analysis of the Feasibility of an Experiment to Measure Carbon Monoxide in the Atmosphere, W74-06917 7-13 5A

AMAR, A. C.

Ground-Water Recharge Strip Basin-Experiments,
W74-06740 7-13 4B

Hydrodynamics of Artificial Groundwater Recharge (Saturated Flow Theory), W74-03091 7-06 4B

AMAR, A. J

Effect of Phosphate Salts as Saturating Solutions in Cation-Exchange Capacity Determinations, W74-08285 7-16 2G

AMATO, R. V.

Fracture Mapping and Strip Mine Inventory in the Midwest by Using ERTS-1 Imagery, W74-02571 7-05 7B

AMBACH, W.

Seasonal Variations in the Tritium Activity of Run-Off from an Alpine Glacier (Kesselwandferner, Oetztal Alps, Austria), W74-09341 7-18 2C

AMBARUCH, R.

Application of Remote Sensing to Hydrology--Final Technical Report, W74-07940 7-15 2A

AMBERG, H. R.

Pulp and Paper Mill Sludge Disposal by Combustion, W74-06397 7-12 5D

Pulp and Paper Mill Sludge Utilization and Disposal, W74-02278 7-05 5D

AMBRASHKA, K. A.

Effect of Sodium-Potassium Chloride Mineral Water from the Splais Spring (Druskininkai Health Resort) on the Pseudocholinesterase Activity of Blood Serum and Protein-Synthesizing Function of the Liver in Experimental Acute Toxic Hepatitis, (In Russian), W74-07005

7-13 5C

AMBURGEY, J. W. JR.

Separation of Clay Minerals and Soil Clays Using Isopycnic Zonal Centrifugation, W74-10125 7-19 5A A Study of Pollutant Discharges from Reactor Operations Utilizing Ultracentrifugation Techniques, W74-07782 7-15 5A

AMEIN, M.

Computation of Flow Through Masonboro Inlet, N.C., W74-11036 7-21 2L

A Method for Determining the Behavior of Long Waves Climbing a Sloping Beach, W74-00515 7-01 2G

Numerical Simulation of Unsteady Flows in Rivers and Reservoirs, W74-00816 7-02 8B

AMIARD, J. C.

Contamination of Marine Trophic Chains by Cobalt 60 (Consumption of Contaminated Arenicolae by Plaice and Crabs), (Contamination De Chaines Trophiques Marines Par Le Cobalt 60 (Consommation d'Arenicoles Contaminees Par Des Plies et Des Crabes)), W74-11289 7-21 5C

AMIARD-TRIQUET, C.

Contamination of Marine Trophic Chains by Cobalt 60 (Consumption of Contaminated Arenicolae by Plaice and Crabs), (Contamination De Chaines Trophiques Marines Par Le Cobalt 60 (Consommation d'Arenicoles Contaminees Par Des Plies et Des Crabes)),
W74-11289

Influence of Salinity and Ionic Equilibrium on the Contamination of Arenicola Marina L. (Annelide: Polycheate) by Cesium-137. (Influence de la Salinite et de L'Equilibre Ionique Sur la Contamination D'Arenicola Marina L. (Annelide: Polychete) Par le Caesium-137.),
W74-11328 7-21 5C

AMIEL, A. J.

Incorporation of Uranium in Modern Corals, W74-03064 7-06 21

Mineralogical Composition of Clays in Soil Profiles of Israel: I. The Soils of the Mediterranean Zone, W74-07099 7-14 2G

AMIN, B. S

Geochronological Studies in Santa Barbara Basin: Fe-55 as a Unique Tracer for Particulate Settling, W74-02722 7-06 2J

Th-234/U-238 Activity Ratios in Pacific Ocean Bottom Waters, W74-07322 7-14 2K

AMIRAN, D. H. K.

Eilat: Seaside Towns in the Desert of Israel, W74-06482 7-12 6B

Problems and Implications in the Development of Arid Lands,
W74-06465 7-12 6B

AMMONS, R. D.

Development of a One-Pass Hollow Fiber Seawater Desalination Module Having a Capacity of 2500-3000 GPD, W74-08342 7-16 3A

AMOBI, C. C. Periodicity of Wood Formation in Some Trees	ANDERSEN, J. C. Water Resources Policy Issues Related to	The Water-Ice Phase Composition of Clay- Water Systems: I. The Kaolinite-Water
of Lowland Rainforest in Nigeria,	Agriculture,	System,
W74-10730 7-20 2I	W74-03182 7-06 6B	W74-03783 7-08 2G
AMONOV, A. A.	ANDERSEN, J. R.	ANDERSON, D. M. AND
Morphology and Life Style of the Turkestan	Quantification of Pollutants in Agricultural Ru-	Physics, Chemistry, and Mechanics of Frozen
Gudgeon Gobio gobio lepidolaemus Kessler in	noff,	Ground: A Review,
Waters of the Sukhan-Darya Basin, (In Russian).	W74-08942 7-17 5B	W74-04373 7-09 2C
W74-04650 7-09 81	ANDERSLAND, O. B.	ANDERSON, D. O.
AMORE, J. M.	Permeability of High Ash Papermill Sludge,	Implications of Selected National Water Com-
Research on Reverse Osmosis Membranes for	W74-08425 7-16 5D	mission Recommendations to Agricultural Pol-
Purification of Wash Water at Sterilization (165	ANDERSON, A. A.	icy, W74-03181 7-06 6B
deg F),	System Simulation to Identify Environmental	
W74-00316 7-01 5D	Research Needs: Mercury Contamination,	The Optimum Development of Water
AMY, JP.	W74-06014 7-12 5B	Resources in a Rural Setting, W74-06422 7-12 4A
Contribution to the Study of the Migration of	ANDERSON, A. C.	
Ruthenium-106 in Soils, W74-02051 7-04 5B	Significant Techniques in the Processing and	Regional Energy-Water Problems, Missouri
	Interpretation of ERTS-1 Data,	River, W74-07974 7-15 6D
ANAMBUTR, K. Ground Water in Thailand.	W74-06652 7-13 7C	1-15 00
W74-03150 7-06 4B	ANDERSON, A. L.	ANDERSON, D. W.
	In Situ Measurement of Sediment Sound Speed	The Biogeochemistry of Devils Lake, North Dakota.
ANAN'EV, N. M. Sanitary-Hygienic Evaluation of the Water	During Coring,	W74-02664 7-06 5C
Quality of the Nura Water Conduit of the	W74-00294 7-01 2J	
Tselinograd District (In Russian),	ANDERSON, A. T.	ANDERSON, E. A. National Weather Service River Forecast
W74-08052 7-15 5A	A Comparison of Gemini and ERTS Imagery	System-Snow Accumulation and Ablation
ANAND, A.	Obtained over Southern Morocco, W74-01694 7-04 7C	Model,
Computer Simulation of Waste Water Treat-	W74-01694 7-04 7C	W74-06370 7-12 2C
ment by Chemical-Physical Processes, W74-11037 7-21 5D	ANDERSON, B. H.	National Weather Service River Forecasting
W/4-1103/ /-21 3D	Knowledge Transfer,	System,
ANAND, A. S.	W74-00210 7-01 10A	W74-08057 7-15 4A
Computer Simulation for Upgrading Existing Wastewater treatment Facilities by Chemical	ANDERSON, C. J.	ANDERSON, E. R.
Physical Treatment,	New Energy Technology Research and	Emergence of Buffel Grass (Cenchrus ciliaris)
W74-02681 7-06 5D	Development: A Rationale for Setting Priori- ties,	From Seed After Flooding,
ANAND, J.	W74-13123 7-24 6B	W74-00768 7-02 3F
Predicting Thermal Conductivities of Forma-	AND TO COME DE LA	Flooding Tolerance of Panicum Coloratum,
tions from Other Known Properties, W74-10089 7-19 8E	ANDERSON, D. A. The Application of Ridge Regression Analysis	W74-00826 7-02 3F
W/4-10089 /-19 8E	to a Hydrologic Target-Control Model,	ANDERSON, E. W.
ANANEV, N. I.	W74-12286 7-23 2E	Acreage Increase Due to Slope,
Sanitary Evaluation of Water Quality in the Ini- tial Operating Phase of the Vyacheslav Reser-	Elevation Dependent Model for Estimating An-	W74-01746 7-04 4A
voir, (In Russian),	nual Runoff.	ANDERSON, F. E.
W74-13364 7-24 5B	W74-02317 7-05 2A	The Effect of Boat Waves on the Sedimentary
ANBAR, M.	ANDERSON, D. F.	Processes of a New England Tidal Flat,
Field Ionization Mass Spectrometry: A New	Implications of the Permit Program in the	W74-11973 7-22 21
Tool for the Analytical Chemist,	Poultry and Animal Feeding Industry,	ANDERSON, F. R.
W74-05302 7-10 5A	W74-09667 7-18 5G	NEPA in the Courts: A Legal Analysis of the
ANCAJAS, R. R.	ANDERSON, D. M.	National Environmental Policy Act, W74-05586 7-11 6E
Nitrogen-Fixing Activity in Upland and	Effects of Salt Concentration Changes During	W /4-03360 /-11 6E
Flooded Rice Fields, W74-07024 7-13 5B	Freezing on the Unfrozen Water Content of	ANDERSON, G.
	Porous Materials, W74-04802 7-09 2C	Long-Term Annual Fluctuations of Mercury in
ANCHUTIN, V. M. Sex Cycle, Spawning and Fertility of West		the Zooplankton of the East Central Adriatic, W74-11291 7-21 5E
Siberian Crucians in the Steppe Lakes, (In Rus-	An ERTS View of AlaskaRegional Analysis	
sian),	of Earth and Water Resources Based on Satel- lite Imagery,	ANDERSON, G. E. The Effects of Oil on the Gill Filtration Rate of
W74-04689 7-09 2H	W74-10251 7-19 7B	Mya arenaria,
ANDERS, R. B.		W74-01773 7-04 50
Electrical Analog Model Study of the Alluvial	Sediment Distribution and Coastal Processes in Cook Inlet, Alaska.	Relationships Between Levels of Radjocesium
Aquifer in the Yabucoa Valley, Puerto Rico: Phase 2The Planning, Construction and Use	W74-06671 7-13 2L	in Dominant Plants and Arthropods in a Con

Soil Development and Patterned Ground

Evolution in Beacon Valley Antarctica, W74-04372 7-09 2G

The Unfrozen Water and the Apparent Specific

Heat Capacity of Frozen Soils, W74-04374

7-12 2F

7-24 5C

of the Model,

ANDERSEN, A. T.
Some Heavy Metals in Sprat (Sprattus Sprattus) and Herring (Clupea Harengus) from the Inner Oslofjord),

W74-06351

W74-13089

7-12 5C

taminated Streambed Community,

Aquifers in the Sokoto Basin, Northwestern Nigeria, with a Description of the General Hydrogeology of the Region,

W74-06016

W74-07184

ANDERSON, H. R.

ANDERSON, H. T.

ANDERSON, H. T. Removal of Dissolved or Suspend	nd Soli	de in	ANDERSON, J. U. Soil Associations and Land Cl	assification For	ANDERSON, R. R. Mapping Atlantic Coastal Marshlands, Mary-
	cu som	45 III		assilication For	
Waste Water, W74-12449	7-23	5D	Irrigation, McKinley County, W74-09056	7-17 3F	land, Georgia, Using ERTS-1 Imagery, W74-02577 7-05 7B
ANDERSON, J.			Soil Associations and Land C		Submerged Vascular Plants of the Chesapeake
Marine Phytoplankton Vary in The	eir Resp	onse		lassification for	Bay and Tributaries,
to Chlorinated Hydrocarbons,			Irrigation, Taos County, W74-09054	7-17 3F	W74-00901 7-02 2L
W74-08728	7-17	5C			ANDERGON D. C.
Marine Phytoplankton Vary in The	eir Resp	onse	Soil Associations and Land C	lassification for	ANDERSON, R. S. Diurnal Primary Production Patterns in Seven
to Chlorinated Hydrocarbons,	on recop	01130	Irrigation, Valencia County,		
W74-08730	7-17	5C	W74-09057	7-17 3F	Lakes and Ponds in Alberta (Canada), W74-10802 7-20 5C
Water and Annualistics of		0-	Suitability of New Mexico Land	is for Irrigation.	
Uptake and Accumulation of			W74-09055	7-17 3F	ANDERSON, R. V.
ganochlorine Insecticide (Dieldi		an			Separating Apparatus,
Estuarine Mollusc, Rangia Cuneata		5C	ANDERSON, J. V. III		W74-00086 7-01 5G
W74-06031	1-12	30	Geophysical Investigations of	f Washington's	
The Urban Plume of St. Louis,			Ground Water Resources,		ANDERSON, S. H.
W74-10964	7-21	5B	W74-06262	7-12 2F	Environmental Monitoring of Toxic Materials in Ecosystems.
					W74-12023 7-23 5B
ANDERSON, J. A.			ANDERSON, J. W.		W 74-12025 7-25 3B
Anti-Pollution Barge and Conveyer			The Brackish Water Clam Rai	ngia Cuneata as	ANDERSON, S. J.
W74-04718	7-09	5G	Indicator of Ecological Effe	cts of Salinity	Copepod and Chlorophyll a Concentrations in
ANDERSON I B			Changes in Coastal Waters,		Receiving Waters of a Nuclear Power Station
ANDERSON, J. B.	4 -1 0	-face	W74-08676	7-16 5C	and Problems Associated With Their Measure-
Damages from Pollution of Air an	d of Su	rrace			
and Subterranean Waters,		(P	ANDERSON, K.		ment,
W74-11158	7-21	6E	A Method for the Isolation of	Naegleria Spe-	W74-11343 7-21 5B
ANDERSON, J. C.			cies from Water Samples,		ANDERSON T. C
The Economic Efficiency of	Inter	Racin	W74-06068	7-12 5C	ANDERSON, T. C. Interregional Planning of Water Resources Al-
Agricultural Water Transfers i			***************************************	1-12 30	
Mathematical Programming Appro		1. A	ANDERSON, K. K.		locations by Systems Analysis Approach,
W74-05385		4A	A Feasibility Study of a Resea	rch Program on	W74-05932 7-11 4A
W 74-03363	7-10	471	the Source, Degradative Remov		ANDERSON, T. F.
An Evaluation of Farm Irrigation	Practice	s as a	ry Consequences of Petroleu		Oxygen and Carbon Isotope Compositions of
Means to Control the Water Qual				in Froducts in	
Flow.	,		Water,	700 **	Altered Carbonates from the Western Pacific,
W74-11681	7-22	3C	W74-03767	7-08 5A	Core 53.0, Deep Sea Drilling Project,
***************************************		-	ANDERSON, L. G.		W74-03352 7-07 2J
Interregional Planning of Water R	desource	s Al-	Benefit Cost Analysis of Altern	ative Evpansion	ANDERSON, T. W.
locations by Systems Analysis App	oroach,				Sedimentation Rates and Recent Sediment His-
W74-05932	7-11	4A	Sites for the Virginia Key Se	wage Treatment	tory of Lakes Ontario, Erie and Huron,
			Plant,	224 (D	W74-06282 7-12 2J
ANDERSON, J. E.	_		W74-12785	7-24 5D	W 14-00202 7-12 23
Effects of Low Soil Temperature			ANDERSON M II		Serum Electrolytes and Skeletal Mineralization
tion, Photosynthesis, Leaf Relativ			ANDERSON, M. H.	December Al	in Hard- and Soft-Water Areas.
tent, and Growth Among Elevatio	nally D	verse	Interregional Planning of Water		W74-02053 7-04 5C
Plant Populations,			locations by Systems Analysis		177 30
W74-13492	7-24	2D	W74-05932	7-11 4A	ANDERSON, W.
ANDERSON I F			ANDERSON O S		Quantity and Quality of Surface Water in
ANDERSON, J. F.	nection	Cale	ANDERSON, O. S.	Y	Marion County, Florida,
Insects (Chrysops Flies) in Con	necticu	San	River: Recommendations for		W74-08044 7-15 7C
Marshes,			Valley Environmental Resource		7-15 70
W74-08166	/-16	5 2L	W74-02651	7-06 6B	ANDERSON, W. A.
ANDERSON, J. H.					Heavy Elements in Surface Materials: Deter-
Economic Power from Geotherma	Heat.		River, Recommendations for		mination by Alpha Particle Scattering.
W74-04766		4B	Valley Environmental Resour	ces, Administra-	W74-09770 7-18 5A
	. 0.		tive Report,		
Vegetative and Geologic Map	ping of	f the	W74-02652	7-06 6B	ANDERSON, W. B.
Western Seward Peninsula, Alas	ka, Bas	ed on			Potential Uses For Borehole Logs in Mineral
ERTIS-1 Imagery,			ANDERSON, R.		Exploration,
W74-01672	7-04	4A	The Possible Occurrence of		W74-10105 7-19 8G
			Microorganisms in Deep-Sea S	Sediments of the	
ANDERSON, J. J.			North Atlantic,		ANDERSSON, A.
Data Acquisition and Combined	Sewer	Con-	W74-06155	7-12 5B	Cadmium Uptake by Wheat from Sewage
trols in Cleveland,					Sludge Used as a Plant Nutrient Source, A
W74-09716	7-18	5D	ANDERSON, R. A.	0 "	Comparative Study Using Flameless Atomic
C Physical - 1 Ct 1 P		- f at -	Determining Fracture Pressure	Gradients from	Absorption and Neutron Activation Analysis,
Some Physical and Chemical Pro	perues	or the	Well Logs,		W74-09758 7-18 5C
Gulf of Corinth,	7.0	2 21	W74-10099	7-19 8B	
W74-04273	7-0	8 2L			ANDO, H.
ANDERSON I I			ANDERSON, R. E.		Odonata of Sugadaira and Vicinity,
ANDERSON, J. L. Negatively Buoyant Jets in a Cros	s Flow		Disinfection and Oxidation	of Domestic	W74-02783 7-06 2I
		G < D	Wastes,		7.00 21
W74-10200	7-13	9 5B	W74-05512	7-11 5D	ANDON, K. I.
ANDERSON, J. M.					Effect of Trace Elements on the Water
System Simulation to Identify E	nviron	nental	ANDERSON, R. G.		Regimen, the Decorative Qualities and the Seed
Research Needs: Mercury Contam			Sand Budget for Capitola Beac	h, California,	Yield of Some Ornamental Plants, (In Russian),
		2 5B	W74-02718	7-06 8B	W74-05345 7-10 5C
W74-06014					

Thermophilic Aerobic Digestion of Organic

Rates of Quaternary Glacial Erosion and Corrie Formation, Marie Byrd Land, Antarctica,

Solid Wastes,

ANDREWS, J. T.

W74-10236

W74-05717

ANFALT, T.

ANGEL, G. P.

W74-01415

7-19 5D

7-11 2J

ANDRADE, P. S. L. JR.

ganisms, W74-11345

ANDRE, C. E.

Biodegradation of Mirex By Sewage Sludge Or-

Precolumn Inlet System for the Gas Chromato-graphic Analysis of Trace Quantities of Short-Chain Aliphatic Amines, W74-01357 7-03 5A

7-03 5A

The Potentiometric Titration of Potassium in

Modified Delves Cup Atomic Absorption Determination of Lead in Blood,

Sea Water with a Valinomycin Electrode, W74-01442 7-03

W 74-01557	1-05 574	Growth and Food Conversion of Rainbow	ANGELESCU, N.
ANDRE, P. D.		Trout Reared in Brackish and Fresh Water,	Considerations Concerning the Biology and
Arizona Operators Question Flume		W74-06492 7-12 2I	Distribution Area of the Cyprinid Fish Pseu-
W74-10130	7-19 5D		dorasbora parva (Schlegel) in the Romanian
AND DEPLA N. P.		The Influence of Dissolved Oxygen on the	Waters.
ANDREEVA, N. L.	the Coil and	Growth of Channel Catfish,	W74-02553 7-05 2I
Survival Rate of Ascarid Eggs in Sediment of Sewage in Ooze Area		W74-06038 7-12 5C	
gograd Region, (In Russian),	in the voi-	ANDREWS, P. S.	ANGELL, C. A.
W74-13362	7-24 5C	Population Dynamics of Hatchery-Reared	Anomalous Heat Capacities of Supercooled
11111333	. 24 50	Landlocked Salmon, Salmo Salar, at Schoodic	Water and Heavy Water,
ANDREIEV, N.		Lake, Maine.	W74-03740 7-07 1B
Testing Digital Control Systems,		W74-13488 7-24 2H	Class Transition with Manatina Channe in Ex-
W74-06141	7-12 7B		Glass Transition with Negative Change in Ex-
ANDREN A SI		ANDREWS, R. A.	pansion Coefficient, W74-03741 7-07 1B
ANDREN, A. W.		Feasibility Study to Develop Guidelines for	W/4-03/41 /-0/ IB
Environmental Monitoring of Tox in Ecosystems,	ic Materials	Lake and Related Land Resource Use Develop-	ANGELOVIC, J. W.
W74-12023	7-23 5B	ment Research, or Economic and Ecological	Effect of Radiation, Salinity and Temperature
W 14-12023	1-23 3B	Impact of Various Forms of Lake Resource	on the Ionic Regulation of the Blue Crab, Cal-
Environmental Monitoring of Tox	ic Materials	Development,	linectes sapidus.
in Ecosystems,		W74-12350 7-23 2H	W74-07818 7-15 5C
W74-12907	7-24 5B	ANDREWS, R. S.	
		Modern Sediments of Willapa Bay, Washing-	ANGHEL, CRISTEA
Methylmercury in Estuarine Sedim		ton: A Coastal Plain Estuary,	A New Type of Incubator Used in the Induced
W74-03602	7-07 5B	W74-04209 7-08 2L	Spawning of Phytophagous Fishes, (In Rumani-
Trace Element Measurements at th	e Coal-Fired	17-04207 7-06 21	an),
Allen Steam Plant - Progress Repo		ANDREWS, V. E.	W74-07434 7-14 8I
to January 1973,	,	Environmental Tritium Surveillance for Project	ANCINO E E
W74-09833	7-19 5A	Rulison,	ANGINO, E. E. Population Dynamics of Pond Zooplankton, I.
		W74-02020 7-04 5B	
ANDREWS, A. K.			Diaptomus pallidus Herrick, W74-01502 7-03 5C
Distribution and Community Rela		ANDREWS, W. H.	W 74-01302 7-03 3C
the Fathead Minnow (Pimephales		Modeling the Total Hydrologic-Sociologic Flow	Population Dynamics of Pond Zooplankton. II.
Colorado and Adjacent Mountain S		System of Urban Areas,	Daphnia Ambigua Scourfield,
W74-03263	7-07 81	W74-10351 7-20 4C	W74-06154 7-12 5C
The Life History of the Father	ead Minnow	Social Dimensions of Urban Flood Control	
(Pimephales Promelas) in Colora		Decisions.	ANGOT, M.
jacent Mountain States.		W74-12369 7-23 6F	Comparison of 2 Methods of Treating Water
W74-03268	7-07 81		Samples ('Actual in Situ' and 'Simulated in
		ANDREYEV, YE. G.	Situ') for Study of Primary Production by the
ANDREWS, A. R.		Determination of Heat and Water Vapor Flows	Carbon 14 Technique (In French),
Some Observations on the Int		in the Ocean-Atmosphere System Based on	W74-01004 7-02 7B
Marine Protozoa and Crude Oil Re W74-11949		Data of Observations of Temperature Profiles	ANISIMOVA, Z. A.
W 74-11949	7-22 SC	in a Thin Surface Layer of the Sea (K voprosu	Hygienic Evaluation of the Quality of Water
ANDREWS, E.		opredeleniya potokov tepla i vodyanogo para v	Obtained by Means of Electrodialysis Desalting
Scouring of Buried Pleistocene I	Barrier Com-	sisteme okean-atmosfera po dannym nablyu-	of Imitation Sea Water, (In Russian),
plexes as a Source of Channel S		deniy profiley temperatury v tonkom poverkh-	W74-00478 7-01 3A
Creeks, North Island Quadra	ngle, South	nostnom sloye morya),	W 14-00476
Carolina,		W74-10259 7-19 2E	ANJANEYULU, Y.
W74-01960	7-04 2J	ANDRIEVSKAYA, S. A.	Extraction and Spectrophotometric Determina-
ANDREWS E.		Algae Feeding of Young of Certain Fish Spe-	tion of Vanadium as a Mixed Ligand Complex
ANDREWS, F. L. Pesticides in Selected Western Str	1069	cies of the Kairak-Kumskii Reservoir, (In Rus-	of Oxine and Azide,
71,	reams - 1908-	sian),	W74-02362 7-05 5A
W74-06062	7-12 5A	W74-01082 7-02 8I	
W 74-00002	7-12 JA		ANSEL, M.
ANDREWS, F. N.		Data on the Hydrobiology of Fish Ponds of	Mycological Applications of X-Ray Microanal-
Fecal Elimination of Estrogens	s by Cattle	Southern Tadzhik SSR, (In Russian),	ysis,
Treated with Diethylstilbestrol and		W74-12167 7-23 81	W74-06096 7-12 5A
W74-11245	7-21 5B	ANDRUSHAYTIS, G. P.	ANSPAUGH, L. R.
ANDREWS I F		Experimental Water Toxicology,	Environmental Aspects of Natural Gas Stimu-
ANDREWS, J. F. Dynamic Models and Control S	tratagies for	W74-09889 7-19 5C	
Waste Water Treatment Processes		7-19 SC	W74-05184 7-10 5B
W74-11069	7-21 5D	ANDRYCHUK, D.	7-10 JB
A /4-11009	7-21 3D	Potentiometric Measurement of Copper in Sea-	Ge(Li) Low Level in Situ Gamma-Ray Spec-
Stability and Control of Anaerobic	Digestion,	water with Ion 1 = 1 Selective Electrodes,	trometer Applications,
W74-09434		W74-11350 7-21 5A	W74-08886 7-17 5A

ANTALOVICH, J. W.

ANTALOVICH, J. W. Mapping of Spoil Banks Using ERTS-1 Pictures.	A Stochastic Study on the Concentration Process of Radioactive Substances to Aquatic Organisms,	APPLING, JOHN Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Produ-
W74-06695 7-13 5.		cers,
ADMINIST D. A.	AOVAMA V	W74-08840 7-17 5C
ANTHES, R. A. Variation of the Low Level Winds During th	AOYAMA, K. Ecological Studies on Dissolved Oxygen and	APTE, R.
Passage of a Thunderstorm Gust Front,	Bloom of Microcystis in Lake Suwa: I.	Azotobacter Chroococcum in the Phyllosphere
W74-00545 7-01 2		of Water Hyacinth (Eichhornia Crassipes Mert. Solms).
ANTHEUNISSE, J.	W74-03524 7-07 5C	W74-12686 7-23 2I
Viability of Lyophilized Microorganisms after	er /-0/3224	
Storage,	APGAR, W. J.	APTS, C. W.
W74-01538 7-03 5	C An Experimental and Theoretical Study of the	Marine Sciences,
ANTHONY, J. M.	Flow Field Surrounding A Suction Pipe Inlet,	W74-09237 7-17 5C
Minimizing Water and Sewer System Cos	W74-10392 7-20 8A	ARAI, S.
Using Topaz,		Qualitative Requirements of Young Eels An-
W74-09658 7-18 6	A Piccons of Toxicity Using Protogon in the	guilla japonica for Water-Soluble Vitamins and
	A Bioassay of Toxicity Using Protozoa in the Study of Aquatic Environment Pollution and	Their Deficiency Symptoms,
ANTIPCHUK, A. F.	Its Descention	W74-07006 7-13 5C
The Quantity and Dimensions of Microorga	W/74 000331	
isms in Bottom Sediments of Fish-Breedin Ponds (In Russian),	ig	ARAI, T.
W74-02228 7-05	APOSTOLOV, S.	Measurement of Environmental Pollution and
W 14-02228	Production and Biogenic Activity of Distillates,	Its Systemization, W74-10438 7-20 5A
ANTIPOV, N. I.	Filtrates and Extracts from the Pomorie and	W /4-10438 /-20 3A
The Water Regime of Flowers, (In Russian),	Atanasovo Lagoon Mud, (In Bulgarian),	ARAMAKI, K.
W74-13381 7-24 2	D W74-07003 7-13 2H	Device for Recovering Floating Matter from
ANTON, W. F.	APPEL, B.	Water Surface,
Environmental Assessment of Water-Syste		W74-12432 7-23 5G
Improvements,	cal Smog.	Oil Barrers Sustan
W74-13265 7-24 5	G W74-10956 7-21 5A	Oil Recovery System, W74-05886 7-11 5G
		W /4-03880 /-11 3G
ANTONELLI, A. L.	APPELL, H. R.	ARAMAKI, M.
Comparative Food Habits of Four Species Stream-Dwelling Vertebrates (Dicamptodon e		A Petrographic Study on Littoral Drift Along
satus, D. copei, Cottus tenuis, Salmo gair		the Ishikawa Coast, Japan,
neri),	Fuel from Agricultural Wastes,	W74-03692 7-07 2L
W74-01982 7-04		ARANBAEV, M. P.
Annual Control of the		Gross Chemical Composition of Murgab Oasis
ANTONIE, R. L.	APPLEBY, A. G.	Desertified and Ancient-Irrigation Soils (In
Evaluation of a Rotating Disk Wastewar Treatment Plant.		Russian),
W74-08869 7-17	Water Pollution, 5D W74-12190 7-23 5A	W74-04123 7-08 3C
	1-25 JA	ARAZNA, I.
ANTONIK, B.	APPLEGATE, D. N.	Effect of Some Forms of Nitrogen Fertilizers
	of Investigations of an Urban Area and its Locale	on the Development and Chemical Composition
Meteorological Data in East Germany, W74-06725 7-13	Using ERTS-1 Data Supported by U-Photog-	of the Flue Cured Tobacco at Different Soil
17-13	taphy,	Moisture, (In Polish),
ANTROPOVA, U. I.	W74-06635 7-13 4A	W74-06137 7-12 3F
Some Radiation and Temperature Chara		ARBUZOV, B. A.
teristics of Thawing of Snow During the Win	fying and Mapping ERTS-1 Mss Data,	Derivatives of Phosphacyclopentene,
of 1959-60, W74-11765 7-22	W74-06641 7-13 4A	W74-01791 7-04 5B
W/4-11/03	APPLEGATE, R. L.	
ANUSAUCKAS, A. V.	Nutrient Sources and Transport in the Upper	ARCENEAUX, W.
Self-Righting Floating Booms,	and Central Regions of the Rig Sigur River	Operation and Maintenance of Wells,
W74-00965 7-02	W74-01115 7-03 5B	W74-09524 7-18 8G
AOMURA, K.		ARCHER, M. C.
The Extraction-Spectrophotometric Determin	APPLEMAN, R. AND	Reduction in Mercury Content of Fish Protein
tion of Chromium (III) with 4-(2-Pyridylaz	effect of Phosphorus Removal Processes on	Concentrate by Enzymatic Digestion,
Resorcinol,	Algal Growth, W74-04552 7-09 5C	W74-07576 7-14 5A
W74-05470 7-11	5A W14-04332 7-09 5C	Reduction in Mercury Content of Fish Protein
AOSAKI, K.	APPLETON, E. A.	Concentrate by Enzymatic Digestion,
Some Geothermal Measurements at the Ota		W74-09766 7-18 5C
Geothermal Area,	with Neutral and Cationic Polymers in the	ADCHIDALD D.A.
W74-09027 7-17		ARCHIBALD, P. A. The Genus Neochloris Story (Chlorophysese
AOYAMA, I.	W74-11235 7-21 5D	The Genus Neochloris Starr (Chlorophyceae, Chlorococcales),
Estimation and Evaluation of Radioactive Co	on- APPLEYARD, C. J.	W74-06760 7-13 5A
tamination Through a Food Web in an Aqua		
Ecosystem (1), An Application of the Compa	rt- W74-09444 7-18 5D	ARDAKANI, M. S.

W74-10051

7-16 5B

Reuse and Recycle of Water in Industry,

7-19 5D

A Kinetic Study of Ammonium and Nitrite Oxidation in a Soil Field Plot,
W74-07625 7-15 5B

ment Model to Transfer of Radioactive Sub-stances Through a Food Chain, W74-08365 7-16 5B

A Modified for Exchange Technique for the	Thornal Redictive Departies of a Smooth Air	Environmental Studies of Monterey Bay and
Determination of Stability Constants of Metal- Soil Organic Matter Complexes,	Thermal Radiative Properties of a Smooth Air- Water Interface,	the Central California Coastal Zone,
W74-11262 7-21 5A	W74-02874 7-06 2K	W74-00036 7-01 2L
ARDASHEVA, G. V.	ARMAN, J. A.	ARNASON, B.
Forecasting Maximum Flood Levels on the	Guidelines for the Design of Subsurface	Deuterium and Chloride in Geothermal Studies
Dniester River (Prognoz maksimal'nykh	Drainage Systems for Highway Structural Sec-	in Iceland.
pavodochnykh uroveny vody r. Dnestra),	tions,	W74-09022 7-17 2K
W74-05145 7-10 4A	W74-10235 7-19 4C	
		ARNDORFER, D. J.
AREF, K.	ARMENGOL, J.	Discharge Patterns in Two Crevasses of the
Quality Degradation of Dairy Washwater,	Plankton Production and Water Quality in	Mississippi River Delta,
W74-10147 7-19 5B	Spanish Reservoirs. First Report on a Research	W74-05548 7-11 2L
AREHART-TREICHEL, J.	Project,	ARNDT, T.
Oil on the Waters: Modest Progress in Cleanup	W74-08005 7-15 5C	Carcinogenic Sources in Fish Tumors Found in
Technology,	ARMIJO, J. D.	the Fox Valley Water Shed,
W74-03979 7-08 5G	A Large Undisturbed, Weighing Lysimeter for	W74-11006 7-21 5C
	Grassland Studies,	ADME H C I
ARENKOVA, R. L.	W74-06581 7-13 2G	ARNE, H. G. I. Methanol Distribution in an Evaporation Plant,
Aquatic Vegetation of Fishponds of the		W74-05253 7-10 5D
Western Regions of the Ukraine, (In Russian), W74-01075 7-02 4A	ARMITAGE, K. B.	W 14-03233
W/4-010/3	Energetics of Daphnia Ambigua,	ARNERI, G.
ARGAMAN, Y.	W74-06831 7-13 5C	Membrane Processes (Osmosis and Reverse
Design of Optimal Sewerage Systems,	Population Dynamics of Pond Zooplankton, I.	Osmosis),
W74-00183 7-01 5D	Diaptomus pallidus Herrick,	W74-00145 7-01 3A
Part to American March War Pro-	W74-01502 7-03 5C	ARNOLD, B. L.
Engineering Aspects of Waste Water Treat-		The Water Budget and Waste Treatment at a
ment in Aerated Ring-Shaped Channels, W74-11065 7-21 5D	Population Dynamics of Pond Zooplankton. II.	Modern Dairy,
W/4-11003 /-21 3D	Daphnia Ambigua Scourfield,	W74-00560 7-02 5D
ARGENTESI, F.	W74-06154 7-12 5C	
The Biological Pathway of Zinc (Zn-65) in	ARMSTRONG, A.	ARNOLD, G. C.
Freshwater Fish and its Alteration by Heavy	Filter Systems,	Water Requirements of Rostered Irrigation
Metals,	W74-11044 7-21 5C	Schemes,
W74-05201 7-10 5C		W74-05667 7-11 3F
ARGUE, J. R.	ARMSTRONG, D. E.	ARNOLD, J. W.
The Mixing Characteristics of Summerged Mul-	Determination of Nitrite and Nitrate Ions in	Field Test Evaluation of the High Temperature
tiple-Port Diffusers for Heated Effluents in	Natural Waters Using Aromatic Ortho	Electrodialysis Process at Webster, S.D.,
Open Channel Flow,	Diamines as Reagents,	W74-08345 7-16 3A
W74-05821 7-11 5B	W74-09809 7-19 5A	
	ARMSTRONG, E. T.	ARNOLD, R.
ARGUELLO, O.	Apparatus for and Process of Treating Liquids	The Substantive Right to Environmental Quali-
Mississippi River Water from Texas,	with a Gas.	ty Under the National Environmental Policy Act,
W74-11766 7-22 4A	W74-08896 7-17 5D	W74-03384 7-07 6E
ARGYLE, R. L.		17-03364 7-07 GE
Endrin Uptake and Release by Fingerling	ARMSTRONG, F. A. J.	ARNOLD, W. D.
Channel Catfish (Ictalurus Punctatus),	Mercury in Aquatic Birds at Clay Lake,	Preliminary Evaluation of Methods for the
W74-06060 7-12 5C	Western Ontario, W74-12717 7-23 5C	Disposal of Tritiated Water from Nuclearly
ABURI GED C	W14-12/17 1-23 3C	Stimulated Natural Gas Wells,
ARHELGER, S.	ARMSTRONG, F. E.	W74-09837 7-19 50
Hydrocarbon Biodegradation in Alaskan	How to Find Abandoned Oil and Gas Wells,	ARNOLD, W. III
Waters, W74-08627 7-16 5B	W74-00941 7-02 8G	Constructing Nonlinear Dynamic Models for
W/4-0602/		Socio-Environmental Decisionmaking: A
ARIMA, S.	ARMSTRONG, J. B.	Methodology,
PCB Contents in Marine Animals in Tokyo	Lipolytic Bacteria in the Ottawa River,	W74-03501 7-07 6A
Bay, (In Japanese),	W74-02975 7-06 5A	- Buonagou a
W74-13083 7-24 5C	ARMSTRONG, J. M.	ARNORSSON, S.
ARKHANGEL'SKAYA, I. G.	The Structure of Management and Planning for	Exploration of the Reykianes Thermal Brine
Radiation Safety Problems in the Operation of	the Coastal Zone,	Area, W24,00030 7.17 28
Atomic Electric Power Stations, (In Russian),	W74-05702 7-11 2L	W74-09039 7-17 2N
W74-07363 7-14 5B		ARNOUX, A.
	ARMSTRONG, R.	Relations Between the Pollution of the Cortion
ARKHIPOVA, O. G.	The Biogeochemistry of Devils Lake, North	Sector by Anionic Detergents and Modifica
Experimental Investigations of the Biological	Dakota,	tions in Populations of Cystoseira stricta, (In
Activity of Organophosphorus Complexones,	W74-02664 7-06 5C	French),
W74-01797 7-04 5B	ARMSTRONG, R. L.	W74-11174 7-21 50
ARKIN, G. F.	Avalanche Studies in the San Juan Mountains	ARON, G.
Ammonia Toxicity Levels and Nitrate	of Southwestern Colorado,	A Method for Integrating Surface and Ground
Tolerance of Channel Catfish,	W74-09607 7-18 2C	Water Use in Humid Regions,
W74-13486 7-24 5C		W74-11964 7-22 51
An Inchinatio Complete to Mile I Record Com-	ARNAC, M.	Madified Salutions for Donnelles Division
An Isokinetic Sampler for Wind Erosible Silt	Polarographic Study of Calomel Electrode in Anhydrous Formic Acid,	Modified Solutions for Decreasing Discharg Wells,
and Clay Particle Measurement, W74-06902 7-13 2J	W74-00633 7-02 2K	W74-00932 7-02 8
/-13 23	,-UZ ZR	7-04 01

ARON, G.

Procedures for Filling Gaps in Hydrologic ARUNKUMAR, S. ASHRAF, A. Probabilistic Models in the Design and Opera-Drowned and Buried Valleys on the Southern Event Series, 7-23 2E tion of a Multi-Purpose Reservoir System, New England Continental Shelf, W74-12291 W74-08153 W74-05549 ARONSON, D. A. Appraisal of Operating Efficiency of Recharge ARUTYUNYANTS, R. R. ASHRAF, M. Basins on Long Island, New York, in 1969, Isotopic Composition of Oxygen and Hydrogen Economic Costs of Water Quality Protection 7-23 4R on Dairy Farms, W74-12655 in Sulfide Waters of the Sochi-Adler Artesian Basin (Izotopnyy sostav kisloroda i vodorada W74-12788 7-24 5E Influence of Recharge Basins on the Hydrology sul'fidnykh vod Sochi-Adlerskogo artezianof Nassau and Suffolk Counties, Long Island, ASHRAFI, S. H. skogo basseyna), New York, The Influence of Rainfall on the Population of W74-01394 7-03 2K W74-13206 7-24 4R Nematodes in Banana Field, ARVANITIDIS, N. V. W74-01737 7-04 21 ARORA, H. C. A Computer Simulation Model for Flood Plain Characterization and Treatability of Chrome ASHRY, M. M. Development. Part II: Model Description and Tanning Waste, Occurrence of Li, B, Cu, and Zn in Some Applications. W74-11707 7-22 SD W74-07296 7-14 6A Egyptian Nile Sediments, W74-09779 7-18 5B ARORA, S. R. ARVOLA, W. A. Capacity Decisions in a Multipurpose Mul-ASHTON, D. H. California High Water, 1970-1971, tireservoir System, Some observations on the Incorporation of W74-02474 7-05 2E 7-02 4A Novobiocin Into Hektoen Enteric Agar for Im-ASARIN, A. YE. proved Salmonella Isolation, Linear Decision Rule: A Note on Control Components of the Water Balance of the Aral W74-00617 7-02 5A Volume Being Constant, Sea and Their Effect on Its Long-Term Level W74-13019 7-24 4A Fluctuations (Sostavlyayushchiye vodnogo Icebreaking by Tow on the Mississippi River, ARROWSMITH, J. D. balansa Aral'skogo morya i ikh vliyaniye na W74-13170 Trent-Witham-Ancholme Scheme and Project mmnogoletniye kolebaniya yego urovnya), 7-24 2C of the Lincolnshire River Authority, W74-07194 ASHUROVA, M. W74-08882 7-17 6E Parasites of Fish from Lake Sarez (Pamirs), (In ASCHOFF, A. F. Water Reuse in Industry, Part I -- Power Russian), ARSAN, O. M. Study of Metabolic Regulations Between W74-12750 Generation. Cyanophyceae and Fish (In Russian), W74-00794 7-02 SD 7-10 5C ASHWORTH, R. G. W74-05327 ASCHUN, O. K. Validity of the Modified Bilham Equation, ARTEMENKO, B. I. Waste Treatment Performance Data at Prince W74-10572 7-20 2B The Distribution of Carex bohemica Schreb. in Albert Pulp Company, the Central Belt of the European Part of the W74-10170 ASKEW, A. J. 7-19 5D Optimum Reservoir Operating Policies and the USSR, (In Russian), W74-11873 7-22 2H Imposition of a Reliability Constraint, Methyl Mercury Accumulation in an Aquatic W74-05934 ARTEMOVA, T. Z. Food Chain. A Model and some Implications Sanitary-Microbiological Investigations ASMUSSEN, L. E. for Research Planning, Preventing Infections of Bacterial and Viral W74-06042 7-12 5B Nitrate in Surface and Subsurface Flow from a Etiology, (In Russian), Small Agricultural Watershed, W74-08692 7-16 5C ASH, C. G. W74-02150 7-04 5B Three-Year Evolution, ARTEMOVA, V. N. ASPITARTE, T. R. W74-06970 7-13 6G A Study of the Possibility of Indicating Bac-Pulp and Paper Mill Sludge Disposal by Comteria in Water by a Spectroultramicroscopic ASH, R. H. bustion. Method, (In Russian), Waste Neutralization Control - Digital Simula-W74-06397 W74-11121 7-21 5A tion Spots Nonlinearities, Pulp and Paper Mill Sludge Utilization and W74-10454 7-20 5D ARTHUR, H. G. Disposal. Earthfill Dams. W74-02278 ASHAMALLA, A. F. 7-05 SD W74-01064 7-02 8A Control of Sea Water Intrusion by Saltwater Pumping--A Mathematical model, ASSEED, M. S. Maintenance and Operation. 7-23 5G Controlled Instantaneous Application of Free W74-01070 7-02 8A Water to a Porous Surface, ASHCRAFT, J. W74-08883 7-17 2G Selection of Type of Dam, Macrobenthos as Indicators of Ecological W74-01062 7-02 8A ASSEL, R. A. Change, Great Lakes Ice Cover, Winter 1970-71. ARTHUR, J. W. W74-10534 7-20 5B W74-11777 Toxicity of Sodium Nitrilotriacetate (NTA) to 7-22 2C ASHCROFT, G. L. the Fathead Minnow and an Amphipod in Soft Effect of Irrigation Frequency on the Average Great Lakes Ice Cover, Winter 1971-72, Water, Evapotranspiration for Various Crop-Climate-W74-09588 7-18 2C W74-09432 Soil Systems. ASTAKHOVA, T. V. AND ARTHUR, R. S. W74-04140 7-08 3F The Equations of Continuity for Seawater and Parasite Fauna of Ctenopharyngodon idella ASHLEY, J. M. JR. from Pond- and Spawning-Nursery Fisheries in River Water in Estuaries. Hydrology: Part II--Surface Hydrology and the Volga Delta, (In Russian), W74-01207 7-03 21. Geomorphology, W74-04702 ARTYKOV, M. S. W74-06447 7-12 3B

ASTAPOVA, N. I.

W74-09284

7-04 4A

Delta, (In Russian).,

Fish Rearing in the Rice Fields of the Volga

7-18 SI

W74-13241

Sanitary-Virological

Characterization

7-24 5A

Sewage Waters from Some Urban Sewage

Systems in the Uzbek SSR, (In Russian),

ASHLEY, M. D.

W74-01682

Phenology Satellite Experiment,

ASTON, R. J. Field and Experimental Studies on the Effects	ATWOOD, D. K. Temporal and Depth Study of Alkaline Earth	Protracted Recharge of Treated Sewage into Sand: Part IQuality Changes in Vertical
of a Power Station Effluent on Tubificidae (Oligochaeta, Annelida),	Chlorinity Ratios in Seawater at a Single Sta- tion South of Puerto Rico,	Transport Through the Sand, W74-09095 7-17 5D
W74-01312 7-03 5C	W74-05457 7-11 5B	Treatment of Laundromat Wastes,
ASTON, S. R.	AU, F. H. F.	W74-05109 7-10 5D
The Influence of Suspended Particles on the	Formation of Methylmercury in a Terrestrial	AULER, H.
Precipitation of Iron in Natural Waters, W74-04272 7-08 5B	Environment, W74-11393 7-21 5B	Surface Aerator Having Wave Attenuator,
		W74-03018 7-06 5D
ATAEV, E. A. Desert Plants as Indicators of Land Fitness for	AUBERT, J. Restructuring of River Banks and Secondary	AULERICH, R. J.
Agricultural Reclamation, (In Russian), W74-13261 7-24 3F	Pollution: Study of Eutrophications in Port Areas, (In French),	Effects of Dietary Mercury on Mink, W74-10930 7-21 5C
ATALLA, R. H.	W74-05950 7-11 5C	AULL, G. H. JR.
Cellulosic Deposits in Benthal Environments:	Study of the Diffusion of the Deep Sea	User Charges and Industrial Cost Recovery, Denver SMSA.
Occurrence, Evolution, and Decomposition, W74-08423 7-16 5B	Disposal of Residual Water,	W74-07370 7-14 5D
	W74-09472 7-18 5B	AVIDAND D
ATEMA, J. Effects of Crude Oil on the Feeding Behavior	AUBERT, M.	AURAND, D. Nitrate and Nitrite in the Surface Waters of
of the Lobster Homarus Americanus,	Effects on Hepatocytes in Cell Cultures at	Two Delaware Salt Marshes,
W74-11333 7-21 5C	Various Combinations of Heavy Metals Present in Titanium Waste Waters, (Action Sur Des	W74-03538 7-07 5B
ATESHIAN, J. K. H.	Hepatocytes en Culture Histiotypique, de	AUSMUS, B. S.
Estimation of Rainfall Erosion Index,	Divers Composes Metalliques Presents Dans	Litter and Soil Microbial Dynamics in a Deciduous Forest Stand,
W74-12321 7-23 2J	Les Eaux Residuaires de l'Industries du Titane).	W74-09823 7-19 5B
ATHANI, V. V.	W74-11296 7-21 5C	
Programmable Temperature Controllers,	Bestmeturine of Biver Benks and Secondary	AUSSENAC, G. The Actual Evapotranspiration of Four Forest
W74-06145 7-12 7C	Restructuring of River Banks and Secondary Pollution: Study of Eutrophications in Port	Stands in the East of France, (In French),
ATKINSON, A.	Areas, (In French),	W74-05942 7-11 2D
The Development of a New Water Treatment, W74-10614 7-20 5D	W74-05950 7-11 5C	AUSTIN, E. P.
	Study of the Diffusion of the Deep Sea	Electrolytic Flotation,
ATKINSON, C. JR. Effects of Pending Federal Drinking-Water	Disposal of Residual Water,	W74-12439 7-23 5D
Legislation,	W74-09472 7-18 5B	Electrolytic Flotation Apparatus,
W74-09147 7-17 6E	Use of Neritic Trophodynamic Chain of Mol-	W74-08030 7-15 5D
ATKINSON, H. J.	luscs for the Study of the Transfer of Metallic Pollutants, (Utilisation D'une Chaine	AUSTIN, L. B.
An Oxygen Electrode Microrespirometer, W74-01419 7-03 5A	Trophodynamique De Type Neritique A Mol- lusques Pour L'etude Des Transferts Des Pol-	The Use of Radar in Urban Hydrology, W74-11468 7-22 2E
ATLAS, R. M.	luants Metalliques),	AUSTIN, L. H.
Biodegradation of Oil in Seawater: Limiting	W74-11287 7-21 5C	Free Surface Subcritical Flow Measurement, W74-11520 7-22 7B
Factors and Artificial Stimulation, W74-08624 7-16 5B	AUE, W. A.	
	The Determination of Part-Per-Billion Levels	AUSTIN, R. S. An Oscillator Circuit for Automated Salinity
Effects of Some Commercial Oil Herders, Dispersants and Bacterial Inocula on	of Citric and Nitrilotriacetic Acids in Tap Water and Sewage Effluents,	Sensor Measurements,
Biodegradation of Oil in Seawater,	W74-01772 7-04 5A	W74-08074 7-15 2G
W74-08640 7-16 5C	AUERBACH, S.	AUSTIN, T. S.
Fate and Effects of Oil Pollutants in Extremely	Detrimental Effects of Toxical Charge by	Environmental Influences on Offshore Facili-
Cold Marine Environments, W74-11725 7-22 5B	Heavy Metals or Phenol on Submerged	ties, W74-10898 7-20 6G
W74-11725 7-22 5B	Macrophytes (Fontinalis Antipyretica L.), (In German).	
Inhibition by Fatty Acids of the Biodegradation	W74-12165 7-23 5C	AVAKYAN, A. B. Problems in Recreational Use of Reservoirs
of Petroleum, W74-01537 7-03 5B	AUERBACH, S. I.	(Problemy rekreatsionnogo ispol' zovaniya
	Annual Consumption of Cesium-137 and	vodokhranilishch),
ATSUYA, I. Determination of Some Rare-Earth Elements	Cobalt-60 Labeled Pine Seeds by Small Mam-	W74-07193 7-14 6B
by Plasma-Jet Emission Spectrometry,	mals in an Oak-Hickory Forest, W74-04450 7-09 5B	Reservoirs, Their Effect on Nature and the
W74-00044 7-01 2K	W 74-04430 7-09 3B	Economy, and Principles of Construction (Vodokhranilishcha, ikh vliyaniye na prirodu i
ATTANASI, E. D.	Environmental Sciences Division Annual	khozyaystvo, printsipy sozdaniya),
Systems Analysis in Water Resource Planning	Progress Report for Period Ending September 30, 1973,	W74-05564 7-11 8A
in the USA, W74-12115 7-23 6A	W74-06826 7-13 5B	AVASTHI, P. K.
	Significance of Ecological Analyses in the In-	Electro-Osmotic Effects in a Bentonite-Water
ATTEWELL, P. B. Fatigue Behavior of Rock,	terpretation of Environmental Releases of	System, W74-06910 7-13 2K
W74-09523 7-18 8E	Radionuclides,	
ATUK, N.	W74-08878 7-17 5C	AVDEEVA, V. A. Investigation of River Water for the Presence
Possible Application of Remote Sensing for	AULENBACH, D. B.	of Escherichia coli and Enterococcus, (in Rus-
Underground Water Exploration in Turkey,	Phosphate Removal by Sands and Soils,	sian),

AVDEEVA, V. A.

AVDYUSHIN, S. I.	AXELSSON, S.	AZIMI, B.
Experiment in Determination of Water	Remote Sensing of Oil Slicks,	Soil and Water Conservation on Arable Lands,
Equivalent of Snow in Mountains by Absorp-	W74-00638 7-02 5A	W74-01633 7-03 3F
tion of Galactic Cosmic Radiation (Opyt	AXENOVA, I.	AZIMOV, KH.
opredeleniya zapasov vlagi v snezhnom	Influence of the Ratio Between Matric and	Anti-Erosive Role of Natural Plants in Low
pokrove v gorakh po pogloshcheniyu galak-	Osmotic Suctions on the Oat and First-Year Al-	
ticheskogo kosmicheskogo izlucheniya),	falfa Yields, (In Rumanian),	Foot-Hills Bordering the Ferghana Basin, (In Russian).
W74-09932 7-19 2C	W74-12715 7-23 3F	W74-04287 7-08 4D
AVERILL, D. W.	***************************************	W/4-0428/ /-08 4D
Vacuum Sewer Systems for Northern Applica-	AXLEY, J. H.	AZIZ SASMITADIHARDJA, A.
tions.	Agricultural Waste Water Accommodation and	Summary Report on Pollution Control in In-
W74-10174 7-19 5D	Utilization by Various Forages,	donesia,
	W74-10903 7-21 5D	W74-08484 7-16 5G
AVERY, D. D.	AXTELL, R. C.	
The LD(50) Value of Tetraethyl Lead,	Insect Pest Management in Coastal and	AZMAYPARASHVILI, L. S.
W74-07700 7-15 5C	Estuarine Habitats,	Spring Runoff From Small Catchments with
Tetraethyl Lead Dose Response Curve for	W74-02643 7-05 5G	Different Forest Cover in the Mountains of
Mortality in Laboratory Rats,		Georgia,
W74-07701 7-15 5C	AYANABA, A.	W74-00339 7-01 4A
	Microbial Formation of Nitrosamines in Vitro,	
AVERY, D. E.	W74-00654 7-02 5B	AZUMA, K.
Currents Around the Hawaiian Islands. A	Possible Microbial Contribution to Nitrosamine	Deodorization with Ozone,
Study of Coastal Currents in Respect to	Formation in Sewage and Soil,	W74-13413 7-24 5D
Sewage Disposal,	W74-06136 7-12 5B	AZUMA, T.
W74-04925 7-10 5B	W 74-00130 7-12 3B	
AVEV B I	AYERS, R. R.	Odor Elimination by Ozone (Ozon-ho-ni yoru
AVEY, R. L.	Sorbent Belt,	akushu jokyo), W74-13448 7-24 5D
Oil Slick Removal Method, System and Bag Therefor,	W74-03672 7-07 5G	W74-13448 7-24 5D
W74-11055 7-21 5G		BABA, K.
W 74-11033 7-21 3G	AYERS, R. S.	A Study of the Reservoir at the Matsukawa
AVIL'TSEVA, N. V.	Agricultural Wastes and Ground Water Quality,	Geothermal Field,
Effect of Artificial Water Aeration on Basin	W74-06951 7-13 5B	W74-09026 7-17 4B
Algal Flora, (In Russian),	AYLOR, D. E.	17-17-120
W74-03918 7-08 5C	Stomatal Mechanics.	BABAEV, M. P.
	W74-07593 7-14 21	Qualitative Features of Humus in Irrigated
AVINASHI, B. K.		Chestnut (Greyish-Brown) Soils of the
Spectrophotometric Determination of Urani-	Vertical Infiltration into a Layered Soil,	Karabakh Steppe, (In Russian),
um(VI) with 7-Chloro-8-Hydroxyquinoline-5-	W74-00603 7-02 2G	W74-10425 7-20 3F
Sulphonic Acid,		
W74-05442 7-11 5A	AYNBUND, M. M.	BABAKHANYAN, M. A.
AVNIMELECH, Y.	Results of On-site Investigations of Currents in the Southern Part of Lake Baykal (Rezul'taty	Effect of Light Intensity on the Quality and
Minimizing Nitrate Seepage from the Hula Val-	naturnykh issledovaniy techeniy v yuzhnom	Feeding Effectiveness of Green Fodder, (In
ley into Lake Kinneret (Sea of Galilee): 1.	Baykale).	Russian),
Enhancement of Nitrate Reduction by Sprin-	W74-09103 7-17 2H	W74-04821 7-09 3F
kling and Flooding,	W/4-09103 /-1/ 2H	
W74-02153 7-05 5B	AYOOB, S. M.	BABAKULYEV, D. KH.
	Measures for Better Utilization of Irrigation	Hygienic Evaluation of a Machine for Applying
AVSYUK, G. A.	Potential in the Arid and Semi-Arid Zones of	Granulated Herbicides in Canals of the Collec-
Fifth All-Union Symposium on Glaciology (O	West Pakistan and a Proposal for Future Coor-	tor-Drainage Network, (In Russian),
pyatom obshchesoyuznom glyatsiologicheskom	dinated Research Activities in This Field Suited	W74-04166 7-08 5G
simpoziume),	to the Cento Region,	BABANIN, V. F.
W74-03260 7-07 2C	W74-02939 7-06 3F	
Doblome in Hudesless of Clasics and	A WOMEN OF MA	Magnetic Susceptibility of the Excess Temporary Moistening of Soils, (in Russian),
Problems in Hydrology of Glaciers and	AYOUB, G. M.	
Glacierized Areas (Problemy gidrologii led- nikov i lednikovykh rayonov),	Test Results on Buoyant Jets Injected Horizon-	W74-02877 7-06 2G
W74-01132 7-03 2C	tally in a Cross Flowing Stream,	BABAYANTS, G. A.
1-03 2C	W74-07766 7-15 8B	Ecology of Anopheles (M.) pulcherrimus
AWASTHI, S.	AYRES, P. A.	Theob. in Irrigated Deserts, (In Russian),
Crop Rotation Schemes for Optimal Utilization	A Membrane Filtration Technique for the Enu-	W74-10406 7-20 5G
of Agricultural Land,	meration of Escherichia Coli in Seawater,	W 74-10400 7-20 3G
W74-01596 7-03 3F	W74-13237 7-24 5A	BABCOCK, H. M.
		Annual Report on Ground Water in Arizona,
AWASTHY, S. C.	AZAD, H. S.	Spring 1972 to Spring 1973,
Flow Over Side-Weirs,	Wastewater treatment: Activated Sludge,	W74-13350 7-24 4B
W74-11521 7-22 8B	W74-12935 7-24 5D	
AXELRAD, D. M.	AZAM, F.	BABCOCK, K. L.
Function of Marshes in Reducing Eutrophica-	Germanium Incorporation into the Silica of	Effect of Ion-Pair Formation on the Solubility
tion of Estuaries of the Middle Atlantic Region,	Diatom Cell Walls,	Product,
W74-07336 7-14 5C	W74-03280 7-07 5C	W74-10345 7-19 2G
, 14 30		
AXELROD, E. W.	AZAMAYEVA, L. D. AND	Uptake and Translocation of Sr by Zea mays,
Erosion of the North Shore of Long Island,	Disposal of Radioactive Wastes,	W74-04187 7-08 5C
W74-10440 7-20 2J	W74-04445 7-09 5D	BAROS C
A WELLOCON O	A SA BOWLES E N	BABOS, G.
AXELSSON, O.	AZAROWICZ, E. N.	Contributions to the Knowledge of Tissa Plain Pseudogley Soils, (In Rumanian),
Treatment of Condensate, W74-12409 7-23 5D	Microbial Degradation of Petroleum, W74-05686 7-11 5D	W74-12282 7-23 2G
W74-12409 7-23 5D	W74-05686 7-11 5D	1-23 20

BABOVICH, W. M. Proper Time Limitations on Outer Continental	himicheskiye osobennosti prirodnykh vod Severo-Zapadnoy i Severnoy Fergany),	BAGNALL, L. O. Processing, Chemical Composition and Nutri-
Shelf Leases Under The National Environmen- tal Policy Act,	W74-02608 7-05 2K	tive Value of Aquatic Weeds, W74-06502 7-13 4A
W74-02509 7-05 6E	BADGER, A. C.	177-00505
W 14-02309	A Systematic Survey of Intertidal Oysters in	BAGRETSOV, V. F.
BABU, D. K. Two-Dimensional Seepage in Layered Soil	the Savannah River Basin Area of South	Organization of the Collection and Decon- tamination of Industrial and Domestic Radioac-
Destabilizing Effects of Flows with an Un-	W74-00300 7-01 5C	tive Sewage, (In Russian),
steady Free Surface,	DARDECKED M.	W74-07362 7-14 5D
W74-12315 7-23 2G	BAEDECKER, M. J.	BAHAMONDE, N.
DART II D	C 18-Isoprenoid Ketone in Recent Marine Sedi-	Synopsis on the Biology of the Shrimp of Rio
BABU, V. R.	ment,	Del Northe (Chile), (In Spanish),
Population Dynamics of Herbaceous Communi- ties of Pilani (Rajasthan),	W74-01301 7-03 5A	W74-00471 7-01 2I
W74-00714 7-02 21	BAER, A. D.	BAHL, R. W.
	Turbulent Heat Transfer and the Periodic	Land Value Increments as a Measure of the
BACCI, E.	Viscous Sublayer,	Net Benefits of Urban Water Supply Projects
Mercury Concentration in the Water, Sedi- ments and Fauna of an Area of the Tyrrhenian	W74-02884 7-06 8B	in Developing Countries: Theory and Measure-
Coast,	BAER, E. H.	ment,
W74-12509 7-23 5B	Process of Separation of Emulsified or	W74-04502 7-09 6B
BACH B	Dispersed Matter From Water,	BAHR, T. G.
BACH, B.	W74-07197 7-14 5D	Mercury Dynamics in a Warm Water Stream,
Studies on Internal Reuse of Sulfite Evaporator		W74-10692 7-20 5B
Condensates (Untersuchungen zur inner-	BAES, A. U.	
betrieblichen Wiederverwending von Sul-	Weight-Length Relationship and Growth of	BAIER, D. C.
fitablaugeneindampfkondensaten),	Chanos chanos (Fersskal) Grown in Freshwater	Quality Degradation of Dairy Washwater,
W74-09453 7-18 5D	Ponds,	W74-10147 7-19 5B
DACHINGUT U D	W74-01080 7-02 8I	
BACHINSKI, V. P.		BAIER, R. E.
Philometra lusiana from Fishes of the	BAES, C. F. III	Cost Effectiveness in Pollution ControlTreat-
Kremenchug Reservoir, USSR, (In Russian),	Environmental Monitoring of Toxic Materials	ment of Glue Factory Wastes by Carbon Ad-
W74-09449 7-18 2H	in Ecosystems,	sorption System,
BACHLE, W. H.	W74-12023 7-23 5B	W74-02177 7-05 5D
Design Integrity and Performance Charac-	DARC C F ID	Organic Films on Natural Waters: Their
teristics of Helical Tubular Module Elements in	BAES, C. F. JR.	Retrieval. Identification, and Modes of
Reverse Osmosis Plants.	Hydrolytic Behavior of Toxic Metals,	Elimination.
W74-00319 7-01 3A	W74-12027 7-23 5B	W74-02182 7-05 5A
7 01 311	Hydrolytic Behavior of Toxic Metals,	
BACHMAN, R. W.		Persistent Sea-Foam Masses - A Problem
Limnological and Fisheries Aspects of the	W74-12911 7-24 5B	Solved,
River and the Proposed Reservoir,	BAGDASAR'YAN, G. A.	W74-02180 7-05 5B
W74-11582 7-22 6B	A Study of Bdellovibrio Bacteriovorus as a	
	Biologic Factor of Self Purification of Water	Process of Dewatering Sewage Sludge and
BACHMAT, Y.	Bodies, (In Russian),	Converting the Same to a Useable Product,
Mathematical Formulation of Transport	W74-10204 7-19 5C	W74-10445 7-20 5D
Phenomena in Porous Media,	7-17 30	Surface Quality Assessment of Natural Bodies
W74-12822 7-24 2F	BAGDASARYAN, G. A.	of Water.
	Sanitary-Microbiological Investigations in	W74-02181 7-05 5A
BACHOFER, B. T.	Preventing Infections of Bacterial and Viral	7402101
ERTS-1 Data Product Preformance,	Etiology, (In Russian),	Treatment of Tannery Effluents by Physical-
W74-01664 7-04 7C	W74-08692 7-16 5C	Chemical Processes.
BACKETIC I		W74-02175 7-05 5D
BACKEUS, I. Bog Vegetation Re-Mapped after Sixty Years:	BAGDASZARJAN, G. A.	
Studies on Skagershultamossen, Central	A New Natural Factor in the Self-Purification	BAIER, W.
Sweden.	of Water Basins (A Viztarolok Ontisztulasanak	Recent Developments in Preparing Colored
	Uj Termeszetes Tenyezoje),	Agroclimatic Maps by Computer,
W74-04683 7-09 2I	W74-10922 7-21 5C	W74-12695 7-23 70
BACKHAUS, D.		BAIDDI I W
Benthic Algae in Water of the Neouvielle Mas-	BAGIROVA, P. M.	BAIERL, I. W.
sif (Hautes-Pyrenees),	Stages of Development of Young Salmon in the	Treatment of Sulfite Evaporator Condensates
W74-07013 7-13 2H	Chaikend Salmon-Breeding Facility, (In Rus-	for Recovery of Volatile Components,
	sian),	W74-02281 7-05 5E
BACKSTROM, A. L.	W74-01901 7-04 8I	BAIERL, K. W.
Safety Device Against Leakage from Ships,		Treatment of Sulfite Evaporator Cendensates
Especially Tankers,	BAGLEY, E. W.	for Recovery of Volatile Components,
W74-07205 7-14 5G	The Ground-Water Depletion Allowance Under	W74-09066 7-17 5E
	the Federal Income Tax,	7-17 JL

W74-03962

BAGLEY, J. M.

W74-00191

Agriculture, W74-03182

proach,

Research Implementation, A Coordinated Ap-

Water Resources Policy Issues Related to

7-08 6E

7-01 10A

7-06 6B

BAIGULOVA, G. K.

W74-10391

W74-05380

BAIKOVA, O. YA.

bekistan, (In Russian),

Wheat Root Rots on Unirrigated Lands in Uz-

Contribution to Knowledge of Mayflies of the Amur Basin: I. Imagines (Ephemeroptera:Ephemerellidae), (In Russian),

BACON, E. J.

BADALOV, S. T.

Seasonal Changes in Water Quality and Prima-

Seasonal Changes in Wales Carlo Productivity in Doe Valley Lake,
7-15 5C

Total Isotopic Composition and Hydrochemical Characteristics of Natural Waters in Northwestern and Northern Fergana (Summarnyy izotopnyy sostav i gidrok-

BAIKOVA, O. YA.

	mm m . 1 .1 . 1 m .11 1 mm .	BANKE B. B.
BAILEY, B. L.	The Determination of Benzidine in Waste-	BAKER, D. R.
Water Resources Monitoring and EvaluationA	waters,	Earth Satellites and Their Applications in
Key to Environmental Protection in Alabama	W74-10991 7-21 5A	Hydrometry and Hydrology,
Oil Fields,		W74-11553 7-22 7B
W74-03807 7-08 5B	Evaluation of Digestion Techniques for the	
117703001	AAS Determination of Metal Concentrations in	BAKER, E. T. JR.
BAILEY, G. W.	Kelp.	Effects of Ground-Water Development on the
Herbicide Runoff from Four Coastal Plain Soil	W74-10986 7-21 5A	Proposed Palmetto Bend Dam and Reservoir in
	W /4-10980 /-21 3A	Southeast Texas,
Types,	D - 1001 00 111	
W74-11805 7-22 5B	BAITY, T. W.	W74-06920 7-13 4B
	Detection of Hydrocarbons by Chemilu-	Constants December of Vieters Vender
Predicting Pesticide Runoff From Agricultural	minescence with Active Nitrogen at 388 nm,	Ground-water Resources of Kleberg, Kenedy,
Land: A Conceptual Model,	W74-11000 7-21 5A	and Southern Jim Wells Counties, Texas,
W74-07427 7-14 5B		W74-02138 7-04 4B
	BAJORUNAS, L.	
BAILEY, J. W.	Littoral Transport in the Great Lakes,	Groundwater Pollution in the Vicinity of
Drain Installation for Nitrate Reduction,		Toledo Bend Reservoir, Texas,
	W74-04334 7-09 2J	W74-12641 7-23 5B
W74-00398 7-01 5G		
DAMEN D. C.	Shifting Offshore Bars and Harbor Shoaling,	BAKER, F. G.
BAILEY, R. G.	W74-01191 7-03 2J	Soil Mottling and Drainage in a Mollic Haplu-
Observations on the Biology of		
Nothobranchius guentheri (Pfeffer)	BAJWA, P. S.	dalf as Related to Suitability for Septic Tank
(Cyprinodontidae), an Annual Fish from the		Construction,
Coastal Region of East Africa,	A Contribution to the Botany of Ganganagar	W74-10212 7-19 5B
W74-01981 7-04 21	District, North Rajasthan,	
W 74-01761 7-04 21	W74-07357 7-14 3F	BAKER, H. G.
DATE DE C. I		Seed Weight in Relation to Environmental Con-
BAILEY, S. J.	BAKACS, T.	ditions in California,
Energy Signature Measures System Changes,	Urbanization and Human Health,	
W74-02981 7-06 7B	W74-07017 7-13 5G	W74-12697 7-23 2I
	W/4-0/01/	DATED IN
Process Controllers: A Case of Pneumatic-	DATABITAL TO BE	BAKER, H. L.
Electronic Coexistence,	BAKANINA, F. M.	Hawaii's Statewide Land Classification Proves
W74-06143 7-12 7B	Suspended-Sediment Yield in Rivers of Gor'kiy	Adaptability as Land Use and Environmental
W /4-00143 /-12 /B	Oblast as an Indication of Recent Erosion	Concerns Change,
Stannar Mators Barnard to Discot Digital Com	Processes (Stok vzveshennykh nanosov v re-	W74-07138 7-14 4A
Stepper Motors Respond to Direct Digital Com-	kakh Gor'kovskoy obl. kak pokazatel' razvitiya	117 411
mand,		BAKER, J. A.
W74-06100 7-12 7B	sovremennykh erozionnykh protsessov),	Wetland Hydrology,
	W74-07507 7-14 2J	
BAILIE, R. E.		W74-08163 7-16 2L
Commercial Desalting Plant Data and Analysis,	BAKER, B. E.	
Volumes I-VI.	Confirmation of Hexachlorobenzene by Chemi-	BAKER, J. B.
W74-08061 7-15 3A	cal Reaction.	Intensive Cultural Practices Increase Growth of
W /4-00001 /-13 3A		Juvenile Slash Pine in Florida Sandhills,
BAHLOD C B	W74-04871 7-10 5A	W74-12701 7-23 2I
BAILLOD, C. R.		1171101
Storage and Disposal of Iron Ore Processing	BAKER, C. H.	BAKER, J. K.
Wastewater,	A Computer Simulation of Corn Grain Produc-	Iron Removal Filter System,
W74-10193 7-19 5D	tion,	
	W74-08917 7-17 3F	W74-03002 7-06 5F
BAILS, J.	11.1.0021	Manager Towns of Water Danson
The Occurrence of Mercury in the Environ-	BAKER, D. A.	Measuring Impacts of Water Resource
		Developments on the Human Environment,
ment and Man, Discussion Paper,	Models and Computer Codes for Evaluating	W74-05338 7-10 6G
W74-06784 7-13 5B	Environmental Radiation Doses,	
	W74-09824 7-19 5B	BAKER, J. L.
BAILS, J. D.		Water Quality Implications of Cropland
Mercury in Fish in the Great Lakes,	Radiological Evaluations for Advanced Waste	Nutrients,
W74-06774 7-13 5B	Management Studies,	W74-11607 7-22 6G
		W/4-1100/
BAIMURATOV, A. B.	W74-05176 7-10 5B	Water Quality Implications of Pesticides,
Regularities of the Growth of the Body and	Tourstand of Doublant and Market burg	
Brain of the Common Carp in Bodies of Waters	Treatment of Packinghouse Wastes by Anaero-	W74-11608 7-22 6G
	bic Lagoons and Plastic-Media Filters,	DAVED I D
of the Amu-Dar'ya Delta, (in Russian),	W74-11797 7-22 5D	BAKER, J. R.
W74-08106 7-15 2I		A Detailed Investigation of the Sociological,
	BAKER, D. E.	Economic, and Ecological Aspects of Proposed
BAINBRIDGE, K. L.	A New Approach to Soil Testing: II. Ionic	Reservoir Sites in the Salt River Basin of Ken-
Mercury Dynamics in a Warm Water Stream,		tucky,
W74-10692 7-20 5B	Equilibria Involving H, K, Ca, Mg, Mn, Fe,	
7-20 JB	Cu, Zn, Na, P, and S,	W74-04310 7-09 2A
BAINES, W. D.	W74-08281 7-16 2G	DAVED W F
		BAKER, M. F.
The Turbulent Temperature Mixing Layer,	BAKER, D. H. ISI.	Small Mammals Increase on Recently Cleared
W74-02162 7-05 8B	Mercury: Uptake by the Goldfish, Carassius	and Seeded Juniper Rangeland,
		W74-02938 7-06 4A
Wind Driven Water Currents,	auratus, from Low Concentrations in Water	
W74-03619 7-07 8B	and Its Tissue Distribution,	BAKER, M. M.
	W74-03898 7-08 5C	Concepts of Externalities and Social Costs,
BAIRAMOV, S.		W74-03908 7-08 6B
Spring Time Sowing of Psammophytes in Kara	Uptake of Mercury by Fish in Natural and Ar-	7-08 OB
Kum, (In Russian),	tificial Systems.	Regional Interdependencies and External Dis-
W74-13260 7-24 2G	W74-02460 7-05 5B	economies.
7-24 20	7-03 JB	
BAIRD, R.	BAKER, D. N.	W74-03912 7-08 6B
	Cotton: A Computer Simulation of Cotton	Peridual Information Model with April
The Carbon Rod Atomic Absorption Analysis		Residual Information Model with Application
of Arsenic in Plant and Animal Tissues,	Growth,	to Heat from Thermal Power Plants,
W74-10985 7-21 5A	W74-05213 7-10 3F	W74-03911 7-08 5B

Peat Floating in the Reservoir of the Kiev
Hydroelectric Station and its Role in Water

BALLAD, R. V.

Effects of Surfactants on Atomic Absorption

BAKER, R. C.		Peat Floating in the Reservoir of the		BALLAD, R. V.	
Effect of Waste Managem		Hydroelectric Station and its Role in V	Vater	Effects of Surfactants on Atomic	
Processing on the Flavor of Coo	7-21 5C	Contamination, (in Russian), W74-01352 7-03	5B	Analysis of Dilute Aqueous Coppe Solutions,	er and Nickel
W74-11236	1-21 30	W 74-01332 7-03	36	W74-05313	7-10 5A
BAKER, R. K.		BALASUBRAMANYAM, V.			7-10 511
Determination of the Total Stor	age Capacity of	Storm Surges in the Bay of Bengal,		BALLANCE, W. C.	
the Cretaceous Sandstone Aqu	uifers in South	W74-12985 7-24	2L	Summary of Chemical and R	
Dakota,	202 25	BALANEN I G		Monitoring of Water for the Can	
W74-01114	7-03 2F	BALAYEV, L. G. Water-Holding Capacity of Coarse and Me	dium	Amchitka Island, Alaska, Fiscal Y W74-00547	7-01 5B
BAKER, S. E.		Loesslike Loams (O vodouderzhivayush		W 74-00347	7-01 3B
Lower Water Temperatures W	ithin a Stream-	sposobnosti legkikh i srednikh lessovid		BALLARD, W. G.	
side Buffer Strip,		suglinkov),	,	Ecological Impacts: Part 1Rang	e and Range
W74-03551	7-07 4C	W74-05020 7-10	2G	Livestock production,	
BAKER, S. I.				W74-06443	7-12 3B
Environmental Monitoring Repo	ort for Calendar	BALCI, A. N.	Even	BALLINGER, D. G.	
Year 1972 for the National Acce		Influence of Parent Material and Slope Is sure on Properties of Soils Related to Eroc		Monitoring for Trace MetalsWa	ater Environ-
tory, Batavia, Illinois,		ty in North Central Anatolia,	ulbili-	ment,	
W74-09847	7-19 5A		0 2J	W74-09215	7-17 5A
BAKER, V. R.				PARTONNE A	
Paleohydrology and Sediment	ology of Lake	BALDING, G. O.		BALLOFFET, A.	
Missoula Flooding in Eastern W		Geology and Quality of Water in the Mod		Dam Collapse Wave in a River,	716 25
W74-04599	7-09 2E	Merced Area, San Joaquin Valley, Califo	ornia,	W74-08060	7-15 2E
		with a Brief Section on Hydrology,		BALLOFFET, A. F.	
BAKHANOVA, R. A.		W74-09605 7-18	4A	Dam Collapse Wave in a River,	
The Use of Ice-Forming Aero		BALDINI, I.		W74-08060	7-15 2E
Modification and Results of I	nvestigations of	Ichthyotoxic Effects of Some Anti-Poli	lution		
New Ice-Forming Reagents, W74-11783	7-22 3B	Products.		BALLU, L.	
W /4-11/63	1-22 3B	W74-11327 7-21	5C	Floating Antipollution Barrier Dev	
BAKKER, W. T. J. N. P.				W74-11060	7-21 5G
The Coastline of River-Deltas,		BALDWIN, A. D.		BALLWEG, J. A.	
W74-04961	7-10 2L	Strontium, Calcium and the Isotopic Con		Concept-Scale Interaction with	the Semantic
MATEGORE W		tion of Strontium in Underground Waters	from	Differential Technique,	the Gemanic
BAKSHI, K.	farmen(III) and	the Scioto River Basin, Ohio,	- 20	W74-01644	7-03 6B
Semimicrodetermination of M Zinc(II) by Precipitation from		W74-02218 7-05	5 2F		
Solution, Using Cation Generat		BALDWIN, L. B.		BALOCH, M. S.	
W74-06869	7-13 5A	Lagoon Disposal of Dairy Wastes in Florid	da.	Stream Flow Characteristics of	: Greenbrie
***************************************	. 15 511		5D	River Sub-Basin,	
BAKULINA, A. G.				W74-12323	7-23 70
Organic Matter in Water of I		BALE, J. B.		BALOGH, M.	
Some Water Bodies of the Vol		Land Use in Northern Coachella Valley,		Relics of the Boggy Vegetation is	a Sodic Terri
way in the Summer of 1968		W74-06624 7-13	3 4A	tories, (In Hungarian),	
veshchestvo v vode Onezhskoj torykh vodoyemov Volgo-Balti		BALHAR, L.		W74-08122	7-15 2H
puti letom 1968 g.),	yskogo vodnoge	Switching from Calcium Bisulfite to Two-	Stage		
W74-01725	7-04 5B	Sodium-Calcium Bisulfite Pulping to R		BALSILLIE, J. H.	
		Water Pollution (Znizenie znecistenia o		State of Groin Design and Effective	
Organic Matter in Water of the		nych vod prechodom z Ca-bisulfite		W74-03370	7-07 8A
its Reservoirs in June 1966		varenia na dvojstupnove Na-Ca-bisulfitov		BALTHAZAR, A.	
(Organicheskoye veshchestovo		W74-00789 7-02	2 5D	Petrochemical Analytical Proble	ms. II. Gas
yeye vodokhranilishch v iyund 1969 g.),	e 1900 g. 1 tyule			Liquid Chromatographic-Mass	
W74-01724	7-04 5B	BALINA, N. V.	ion in	Investigation of Industrial Dodecy	
		Effect of Drought on Callose Dynami Plant Anthers, (In Russian),	ics in	W74-00250	7-01 5A
BAKUS, G. J.			2 25	BALTIMORE H F	
Some Effects of Turbulence an		1-2.	3 3F	BALTIMORE, H. E. Community Well-Being as a Fac	ctor in Urbas
petition Between Two Species	of Phytoplank-	BALL, J. E.		Land Use Planning,	tor in Croan
ton,	224 60	Kinetics of Activated Sludge Oxygenation	1,	W74-03751	7-08 6E
W74-13331	7-24 5C		8 5D		. 00 01
BALABAN, A.				BALTYAN, K. I.	
Land and Water Resource I	Development for	BALL, J. W.		Water Properties and Water Re	
Crop Production in Turkey,		Determination of Trace Metals in S		Podzolic Soils and Means of their	Improvemen
W74-05222	7-10 3F	Dithionite-Citrate Extracts of Soils and	Sedi-	(In Russian),	2 10 0
BALANI M C AND		ments by Atomic Absorption, W74-11425 7-21	1 5A	W74-05370	7-10 31
BALANI, M. C. AND Thermal Responses in Cirrhina	mrigala Fry	7-2	. JA	BALVAY, G.	
W74-04661	7-09 5C	A Simply Constructed and Adjustable Me	ercury	Evolution of The Plankton Bioce	nosis of Lak
77 77001	,-0, 50	Vapor Cell Mount,		Annecy, (In French),	
BALASHOV, L. S.			6 7B	W74-11168	7-21 2I
Course of Phytocenosis Form		2.11 D.C		BAL ZINCER B	
Shallows of Flood Band		BALL, R. C.	mant:	BALZHISER, R.	nmantal C
Hydroelectric Station Reserve	oir, (In Ukraini-	An Ecological Evaluation of Stream Eut	rophi-	Energy Production and Enviro sequences,	nmental Cor
an), W74-01011	7-02 4A	cation, W74-02201 7-0:	5 5C	W74-05645	7-11 50
11 /4-01011	7-02 4A	/ / - 0.	2		7-11 30

BAN'OKH, Z.

BAN'OKH, Z.	BANKS, R. B. A Mixing Cell Model for Longitudinal Disper-	BAR-YOSEF, B. Rates of Growth and Nutrient Uptake of Ir-
Efficacy of Large Doses of Mineral Fertilizers	sion in Open Channels,	rigated Corn as Affected by N and P Fertiliza-
in Irrigated Soils, (In Russian), W74-05379 7-10 3F	W74-07527 7-14 8B	tion, W74-11263 7-21 3F
DAMA DECCU B	BANNER, M. L.	W /4-11203 /-21 3F
BANARESCU, P. Types of Distribution Pattern Among Fresh-	On Small Scale Breaking Waves,	BARABANSHCHIKOV, YU. F.
water Animals, (In Rumanian),	W74-02144 7-04 2E	Experiment in Determination of Water
W74-04840 7-09 2I		Equivalent of Snow in Mountains by Absorp-
W /4-04640	BANNISTER, T. T.	tion of Galactic Cosmic Radiation (Opyt
BANASZAK, K. J.	The Effects of Carbon Dioxide Concentration	opredeleniya zapasov vlagi v snezhnom
Interaction of Bulk Precipitation, Stream	on Oxygen Evolution and Fluorescence	pokrove v gorakh po pogloshcheniyu galak-
Water, and Sewage in a Small Watershed Near	Transients in Synchronous Cultures of Chlorel-	ticheskogo kosmicheskogo izlucheniya),
Oxford, Mississippi,	la pyrenoidosa,	W74-09932 7-19 2C
W74-00005 7-01 2A	W74-00239 7-01 5C	
	BANOUB, M. W.	BARADA, B. Aquatic Anomalies: Symptoms of a Sick
BANAT, K.	Seasonal Changes in the Organic Forms of Car-	Ocean,
Heavy Metals in the Sediments of the Danube,	bon, Nitrogen and Phosphorus in Sea Water at	W74-05572 7-11 5B
Ems, Weser and Elbe Rivers in West Germany,	El in the English Channel During 1968,	W /4-033/2 /-11 3B
(In German),	W74-02369 7-05 5B	BARAM, M. S.
W74-03552 7-07 5B		The Legal and Regulatory Framework for
BANCHETTI, A. J.	BANSAL, B.	Thermal Discharge from Nuclear Power Plants,
	Analytical and Experimental Studies of	W74-02875 7-06 5G
Houstonhannel, Galveston Bay, Texas: Report	Reverse Osmosis Systems,	
1Hydraulic and Salinity Verification, W74-05531 7-11 8B	W74-00039 7-01 3A	BARANAUSKENE, A. Y.
W74-05531 7-11 8B	BANSAL, I. K.	Problem of Free Amino Acids in Freshwater
BANDY, A. R.	Improving Reverse Osmosis Performance with	Plankton and Its Medium, (In Russian),
Remote Detection of Aerosol Pollution by	Dynamically Formed Wood Chemical Mem-	W74-13377 7-24 5C
ERTS.	branes,	BARANOV, G. I.
W74-02575 7-05 7B	W74-02286 7-05 5D	New Data on Water Circulation in the Arctic
		Basin (Novyye dannyye o tsirkulyatsii vod
BANDYOPADHYAY, M.	A Mathematical Model for Optimizing the	Arkticheskogo basseyna),
Hydrological Aspect of Surface Run-Off,	Design of Reverse Osmosis Systems,	W74-09649 7-18 2E
W74-07756 7-15 2A	W74-05276 7-10 5D	
	BANSAL, P. P.	BARANOV, M. A.
BANERJEE, C. D.	Earthquake Damage Costs in the Design of	Radiation Safety Problems in the Operation of
The Characteristics of the Raw Waters of	Water Resource Systems,	Atomic Electric Power Stations, (In Russian),
Hasdeo River and Dhengur Nala at Korba (M.	W74-08018 7-15 4A	W74-07363 7-14 5B
P.), W74-01240 7-03 5A		BARANOV, V. A.
W74-01240 7-03 5A	BANSCI, I.	Effects of Ice Formation on the Salt Regime of
BANERJI, S. K.	Data on the Hydrobiological Status of the	a Reservoir (Vliyaniye ledoobrazovaniya na
Spectrophotometric Determination of Urani-	Bodrog River Backwater at Sarospatak: II.	solevoy rezhim vodokhranilishcha),
um(VI) with 7-Chloro-8-Hydroxyquinoline-5-	Hydrochemistry,	W74-08704 7-17 2C
Sulphonic Acid,	W74-13385 7-24 2K	
W74-05442 7-11 5A	BANSE, K.	BARANOV, V. F.
	A Strategy for Modeling Primary Production in	Value of Soil Cultivation Between Rows of
BANG, Y. H.	Stratified Fjords,	Sunflower, (In Russian),
A Field Trial of Abate Larvicide for the Con-	W74-07494 7-14 5C	W74-13351 7-24 2G
trol of Aedes aegypti in Bangkok, Thailand,		BARANOWSKI, R.
W74-10934 7-21 5G	BANTA, M. C.	The Influence of Manure Amelioration Treat-
	Reactions and Transport Phenomena, at Sur-	ments on Physical Properties of Sandy Soil, (In
BANIN, A.	faces,	Polish),
The Water-Ice Phase Composition of Clay-	W74-00162 7-01 3A	W74-00484 7-01 3F
Water Systems: I. The Kaolinite-Water	BANTA, R. L.	7-01 31
System, W74-03783 7-08 2G	Ground-Water Data, 1972, Indian Wells Valley,	BARANOWSKI, S.
W74-03783 7-08 2G	California,	Geyser-Like Water Spouts at Werenskiold-
BANIN, A. AND	W74-09352 7-18 4B	breen, Spitsbergen,
Effects of Salt Concentration Changes During		W74-09334 7-18 2C
Freezing on the Unfrozen Water Content of	BANWELL, C. J.	BABATTA P. I
Porous Materials,	Chemical Studies in Mexican Geothermal	BARATTA, E. J.
W74-04802 7-09 2C	Fields,	Analysis for Tritium in Water: Intercomparison
	W74-09019 7-17 2K	Study of November 1970, W74-02016 7-04 5B
BANINA, N. N.	Geophysical Methods in Geothermal Explora-	7-04 3B
Ectoparasitic Infusoria of Stickleback from the	tion,	BARATZ, B.
Neva Delta, USSR, (In Russian),	W74-11762 7-22 4B	Suburban America: Population Dynamics as
W74-12706 7-23 2L	722 40	Related to Water Resources Planning,
BANKERE	BAPANAIAH, K. V.	W74-00553 7-02 6B
BANKERT, L.	A New Vanadyl (IV) Thiocyanate Method for	
Cesium-137 in White-Tailed Deer as Related to	the Spectrophotometric Determination of	BARATZ, D.
Vegetation and Soils of the Southeastern	Vanadium (IV),	Technical and Economic Evaluation of Cooling
United States, W74-05190 7-10 5B	W74-09765 7-18 5A	System Blowdown Control Techniques,
1-10 3B	DARWING I D	W74-06510 7-13 5D

BAPTIST, J. P.

W74-02049

7-06 6B

Accumulation of Soluble and Particulate BARBA, D. Radionuclides by Estuarine Fish, Multi-Stag

7-04 5B

Multi-Stage Flash Evaporator, W74-02490

7-05 3A

BANKS, H. O.

Water-Resources Planning, W74-02843

BARBALAS, L. X.	BARFIELD, B. J.	Water Resources of Lehigh County, Pennsyl-
Great Lakes Research Project Forecasts Directory 1973,	Development of Prediction Relationships for Water Requirements with Irrigation Cooling,	vania, W74-07649 7-15 4A
W74-09118 7-17 2H	W74-05539 7-11 3F	
		BARKER, R. A.
BARBARYCH, A. I. Effect on Flood Introduced plants in the Desna	Engineering Agricultural Wastes, W74-00397 7-01 5D	Appraisal of Ground-Water Availability and Management Projections, Walla Walla River
	1-01 32	Basin, Washington and Oregon.
River Flood Plain Near Ostra, (In Ukrainian), W74-01013 7-02 4A	Surface Water Storage Capacity of Selected	W74-03812 7-08 4B
	Crop Leaves Under Irrigation Sprays,	BARKER, R. C.
BARBAT, YU. P.	W74-04135 7-08 3F	Detection of Dilute Organic Acids in Water by
Catalog of USSR Glaciers. Volume 14. Soviet	BARGER, W. R.	Inelastic Tunneling Spectroscopy,
Central Asia. No 1. Syrdar'ya. Part 4. (Katalog	Control and Confinement of Oil Pollution on	W74-13304 7-24 5A
lednikov SSSR. Tom 14. Srednyaya Aziya.	Water with Monomolecular Surface Films,	W 74-13304 7-24 3A
Vypusk 1. Syrdar'ya. Chast' 4.),	W74-11781 7-22 5G	BARKER, R. D.
W74-11217 7-21 2C	W/4-11/61 /-22 3G	A Centrifugal Technique for Rapidly Estimat-
	BARICA, J.	ing the Permeability of a Consolidated Sand-
BARBER, R. T.	Changes in Water Chemistry Accompanying	stone,
Relation Between Total Body Weight and Con-	Summer Fish Kills in Shallow Eutrophic Lakes	W74-09527 7-18 8E
centrations of Manganese, Iron, Copper, Zinc,	of Southwest Manitoba,	
and Mercury in White Muscle of Bluefish	W74-06541 7-13 5C	BARKHUDAROV, R. M.
(Pomatomus saltatrix) and A Bathyl-Dimersal		The Principles of Substantiating Permissible
Fish Antimora Rostrata,	Mobilization of Some Metals in Water and	Concentrations of Radioactive Substances in
W74-01413 7-03 5B	Animal Tissue by NTA, EDTA and TPP,	Freshwater Bodies (Printsipy Obosnovaniya
DARRED C.	W74-06173 7-12 5B	Dopustimykh Kontsentratsiy Radioaktivnykh
BARBER, S. A.		Veshchestv v Vode Presnovodnykh
Ammonium and Nitrate Uptake by Corn (Zea	Reliability of an Ammonia Probe for Elec-	Vodoyemov),
mays L.) as Influenced by Nitrogen Concentra-	trometric Determination of Total Ammonia	W74-10912 7-21 5G
tion and NH4(+)/NO3(-) Ratio,	Nitrogen in Fish Tanks,	BARKIN, R. M.
W74-07459 7-14 3F	W74-01433 7-03 5A	Leptospirosis: An Epidemic in Children,
Nitrogen Uptake Efficiency by Four Plant Spe-	Use of a Silver-Sulfide Electrode for Stan-	W74-12685 7-23 5C
cies in the Field and Growth Chamber,	dardizing Aqueous Sulfide Solution in Deter-	W 74-12003
W74-05404 7-11 5B	mining Sulfide in Water,	BARKLEY, P. W.
W/4-03404 /-11 3B	W74-04777 7-09 5A	Economic Growth and Environmental Decay:
BARBEY, C.	7.77	The Solution Becomes the Problem,
Sand Gullying in a Sahelian Site: Observations	BARIKHIN, S. YA.,	W74-03492 7-07 6B
During Recent Rainfall in the Nouakchott Re-	The Efficacy of Using Activated Carbon for	
gion (Mauritania),	Final Purification of Drinking Water, (in Rus-	BARKLEY, W.
W74-12677 7-23 4D	sian),	Aerosols of Lead, Nickel, and Cadmium, W74-11716 7-22 5A
	W74-10599 7-20 5F	W/4-11/10 1-22 3A
BARBIERI, A.	Using the Adsorption Method on Activated	BARKS, J. H.
Marine Pollution by Hydrocarbons in the	Charcoal with Chloroform Extraction (CCE)	Water Resources of Northwestern Missouri,
Northern Adriatic Sea,	for Evaluating Water Pollution by Organic Sub-	W74-06961 7-13 7C
W74-10794 7-20 5B	stances, (In Russian),	
BARBOLINI, R. R.	W74-02232 7-05 5B	BARLOCHER, F.
Institutional Options for Recycling Urban	703 32	Fungi in the Diet of Gammarus Pseudolimnaeus
Sludges and Effluents on Land,	BARKALOVA, N. G.	(Amphipoda),
W74-05985 7-12 5D	Some Data on Fluorine, Bromine, and Iodine	W74-13484 7-24 2I
W14-03763 1-12 3D	Concentrations in Atmospheric Precipitation at	BARLOGA, F.
BARBOUR, M. G.	Voronezh (Nekotoryye dannyye o soderzhanii	Florida's Rationale for Coastal Zone Manage-
Autecology of Atriplex polycarpa from Califor-	ftora, broma i ioda v atmosfernykh osadkakh g.	ment,
nia,	Voronezha),	W74-05657 7-11 6E
W74-01259 7-03 2I	W74-03251 7-07 5A	
	BARVER B	BARLOW, A. C.
Desert Dogma Reexamined: Root/Shoot	BARKER, B. Identification of Winter Wheat from ERTS-1	Basic Disposal-Well Design,
Productivity and Plant Spacing,		W74-10865 7-20 5B
W74-01585 7-03 2I	Imagery, W74-01665 7-04 3F	BARLOW, E. W. R.
	W/4-01003 /-04 3F	Subsurface Heating and Irrigation of Soils: Its
BARCILON, A.	BARKER, J. C.	Effect on Temperature and Water Content and
Harmonic Generation of Shallow Water Waves	Effects of Spreading Manure on Groundwater	on Plant Growth,
Over Topography,	and Surface Runoff,	W74-07054 7-14 2G
W74-04323 7-09 2E	W74-11240 7-21 5B	7.14 20
BARD, A. J.		BARLOW, J. P.
Hanging Mercury Drop Electrodeposition	The Effects of Surface Irrigation with Dairy	Basic Research in the Aquatic Environment:
Technique for Carbon Filament Flameless	Manure Slurries on the Quality of Groundwater	Effects of Eutrophication on Phytoplankton
Atomic Absorption Analysis. Application to the	and Surface Runoff,	and Selected Species of Aquatic Vascular
Determination of Copper in Sea Water,	W74-03339 7-07 5B	Plants-Phase II,
W74-02411 7-05 2K	The Effects on Runoff, Groundwater, and	W74-12365 7-23 5C
7-05 ER	Land of Irrigating With Cattle Manure Slurries.	Experimental Studies on Phytoplankton Suc-
BARD, H. E.	W74-02326 7-05 5D	cession in Cayuga Lake,
	7-03 31	tession in Cayuga Lakt,

BARDACH, J.

W74-05647

A Stochastic Model for the James, W74-07843

Some Remarks on Aquaculture,

7-15 5B

7-11 6C

7-05 5C

A Dewpoint Hygrometer for Water Potential Measurement, W74-13407 7.24 7B

cession in Cayuga Lake,

W74-02217

BARLOW, W. K.

BARKER, J. L.
Physical, Chemical, and Biological Characteristics of Conewago Lake Drainage Basin,
York County, Pennsylvania,
W74-06259 7-12 5C

BARLOW W V

BARLOTT, TT. II.		
Sensing of Moisture Content in Soil,	BARNES, R. S. K.	BARRS, H. D.
W74-10592 7-20 20		Controlled Environment Studies of the Effects
BARNARD, W. M.	Water, With Particular Reference to Cerastoderma Edule and C. Glaucum,	of Variable Atmospheric Water Stress on Photosynthesis, Transpiration, and Water
Evaluation of the Use of the Heated Graphite		Status of Zea mays L. and Other Species,
Atomizer for the Routine Determination o		W74-08754 7-17 2D
Trace Metals in Water,	BARNES, W. B.	
W74-01316 7-03 5/		BARRY, W. T.
DARWING A III	tor,	Montezuma Well, Arizona, as a Habitat, W74-03925 7-08 2H
BARNES, A. H. Photogrammetric Determinations of Snov	W74-07404 7-14 5D	W /4-03923 /-08 ZR
Cover Extent from Uncontrolled Aerial Photo		BARSDATE, R. J.
graphs.	Herbicide Runoff from Four Coastal Plain Soil	Electrochemical Measurement of Zinc in Or-
W74-00697 7-02 31	Types,	ganic-Rich Water,
	W74-11805 7-22 5B	W74-02729 7-06 2H
BARNES, D. A.	BARNETT, L.	The Influence of Dissolved Humic Substances
A Computer Model For Evaluating Communit	Fluorometric Quantitation of Gallium in Biolog-	on Trace Metal Phototoxicity,
Phosphorus Removal Strategies, W74-11931 7-22 51		W74-02727 7-06 2H
W /4-11931 /-22 31	W74-01344 7-03 2K	I Continue to Saliment and Water
BARNES, D. K.		Lagoon Contributions to Sediments and Water
Alfalfa Crop Productivity Analysis,	BARNETT, S. M.	of the Bering Sea, W74-02728 7-06 2H
W74-05521 7-11 7	Effect of Temperature and Oxygen Pressure on	W 74-02728 7-08 211
	Cellulose Utilization by Thermophilic Organ-	Pathways of Trace Elements in Arctic Lake
BARNES, G. H.	isms, W74-12193 7-23 5D	Ecosystems,
Environmental Law - Water Pollutio Remedies - Use of Public Nuisance Theory i		W74-01401 7-03 5B
Suit by Federal Government - United States V	BARK, F. J. JR.	Trace Metals in a Tundra Pond: Variations in
Ira S. Bushey and Sons, Inc.,	reasibility Study of a Seismic Reflection Moni-	Concentration and Their Effect on Phytoplank-
W74-03381 7-07 50	toring System for Underground Waste-Material	ton Populations.
	Injection Sites,	W74-02726 7-06 2H
BARNES, H.	W74-03230 7-07 5B	
Geologic and Hydrologic Background for		BARSEGYAN, A. M.
Selecting Site of Pilot-Plant Repository for	Treatment and Disposal of Chemical Phosphate	Water Status of Herbaceous Dominants on Bottom Deposits Freed from Lake Sevan, (In
Radioactive Waste, W74-06820 7-13 5	Sludge in Ontario,	Russian),
W74-06820 7-13 5	W74-09447 7-18 5D	W74-12665 7-23 21
BARNES, H. H. JR.	DARRA E I	7.20
Techniques for Measurement of Discharge b	BARRA, F. J.	BARSKAYA, E. I.
Dye Dilution,	Apn aratus for Separating Oil and SolidsfFrm m Water.	Effect of Drought on Callose Dynamics in
W74-11513 7-22 7.	W74-07202 7-14 5D	Plant Anthers, (In Russian),
DARNIEC I		W74-12713 7-23 3F
BARNES, I. Silica-Carbonate Alteration of Serpentine: Wa	BARRACLOUGH, J. T.	BARSOM, G.
Rock Alteration in Mercury Deposits of th	The influence of Liquid waste Disposal on the	Multi-Dimensional Aspects of Eddy Diffusion
California Coast Ranges,	Geochemistry of water at the Ivational Reactor	Determined by Dye Diffusion Experiments in
W74-00304 7-01 2	Testing Station, Idaho: 1952-1970, W74-08962 7-17 5B	Coastal Waters (Summary),
		W74-04322 7-09 2L
SOLMNEQ: Solution-Mineral Equibrium	n Radioactive- and Chemical-Waste Transport in	BARSTOW, L.
Computations,	Groundwater at National Reactor Testing Sta-	Chemical Data From Oregon Waters, 1972,
W74-12086 7-23 21	tion, Idano. 20-1 car Case History and Digital	W74-10652 7-20 5B
BARNES, I. L.	Model,	DARREL C E ID
Determination of Lead, Uranium, Thorium	W74-03233 7-07 5B	BARTEL, C. F. JR.
and Thallium in Silicate Glass Standard Mater	i- BARRAGER, S. M.	Circuit for Water Depth Meter, W74-03666 7-07 7B
als by Isotope Dilution Mass Spectrometry,	Benefit of Water Pollution Control on Property	W /4-03000 /-U/ /B
W74-11385 7-21 5	A Values,	BARTH, C. L.
BARNES, J. C.	W74-04550 7-09 5G	Progress ReportAerobic and Anaerobic
Use of ERTS Data for Mapping Arctic Sea Ice	BARRATT B.C	Lagooning of Dairy and Milking Wastes,
W74-06676 7-13 2		W74-10303 7-19 5D
	ranky of Metal Chelates	BARTH, E. F.
Use of ERTS Data for Mapping Snow Cover	n W74-02366 7-05 2K	Ammonia Elimination System,
the Western United States,		W74-11399 7-21 5D
W74-02603 7-05 7		
BARNES, P. W.	Forecasting Pollution in Rivers, Estuaries and	BARTH, J.
New Insights into the Influence of Ice on the	the Sea,	Simplified Atomic Absorption Determination of Stable Strontium in Milk and Hay: A Com-
Coastal Marine Environment of the Beaufo		parison of Methods and Stepwise Procedure.
Sea, Alaska,	Utilization of Oxygen in Estuaries,	W74-11652 7-22 5A
W74-06669 7-13 2		
Studies of the Inner Shelf and Coastal Sed	. BADDOW D D	BARTHA, B.
mentation Environment of the Beaufort Se		Petrochemical Analytical Problems. II. Gas-
memation burnonment of the beautoit St	- Sides. Storet input Data Editing System,	Liquid Chromatographic-Mass Spectrometric

Sides: Storet Input Data Editing System,

Theoretical Analysis of Forced Laminar Con-

vection Heat Transfer in the Entrance Region

7-22 7C

7-06 8B

BARTHA, R.

W74-08624

W74-11759

BARROW, H.

W74-02897

of an Elliptic Duct,

7-22 2L

7-17 5B

Liquid Chromatographic-Mass Spectrometric

Investigation of Industrial Dodecylbenzenes, W74-00250 7-01 5A

Biodegradation of Oil in Seawater: Limiting Factors and Artificial Stimulation,

7-16 5B

from ERTS-1, W74-11728

Washington Watershed,

Physical Transport of Trace Metals in the Lake

BARNES, R. S.

W74-09210

An Automated Instrument for the Continuous

Measurement of Reactive Hydrocarbons,

BARTON, S. C.

W74-11007

Effects of Some Commercial Oil Herders, Dispersants and Bacterial Inocula on Biodegradation of Oil in Seawater, W74-08640 7-16 5C

Sands and Gravels, W74-05081

Current Status of Geothermal Power Plants at The Geysers, Sonoma County, California, W74-09035 7-17 4B

BARTON, D. B.

7-19 8A

BASEV, P. D.

W74-10026

Drainage Grating,

BASHARINOV, A. E.

Inhibition by Fatty Acids of the Biodegradation	BARTOS, L. R.	Microwave Radiation Characteristics of Dry
of Petroleum,	Ablation Characteristics of an Alpine Snow	and Moist Ground Covers,
W74-01537 7-03 5B	Field in Summer,	W74-05558 7-11 2C
BARTHEL, W. F.	W74-02653 7-06 2C	
Modified Delves Cup Atomic Absorption		BASHKIROVA, G. M.
Determination of Lead in Blood,	Reliability of Snowmelt Runoff Predictions	The Use of Ice-Forming Aerosols for Cloud
W74-01415 7-03 5A	Based on Mass Balance Procedures Versus	Modification and Results of Investigations of
W/4-01413	Index Methods,	New Ice-Forming Reagents,
BARTLE, E. R.	W74-10536 7-20 2C	W74-11783 7-22 3B
Air Pollution Measurements From Satellites,		
W74-04485 7-09 5A	Snow Sampling Techniques on a Small Subal-	BASHLAVIN, D. K.
177-04403	pine Watershed,	Catalog of USSR Glaciers. Volume 17. Lena-
BARTLETT, D.	W74-09608 7-18 2C	Indigirka Region. No. 2. Middle Lena. Part 1;
Identification of Marsh Vegetation and Coastal	a constant	No. 5. Lower Lena. Part 2. (Katalog lednikov
Land Use in ERTS-1 Imagery,	BARTSCH, A. F.	SSSR. Tom 17. Lensko-Indigirskiy rayon.
W74-02578 7-05 7B	Role of the Federal Government in Controlling	
	Nutrients in Natural Waters,	Vypusk 2. Srednyaya Lena. Chast' 1; Vypusk
BARTLETT, D. S.	W74-01808 7-04 5C	5. Nizhnyaya Lena. Chast' 2.),
Coastal Vegetation of Delaware,	A COLUMN TO A COLU	W74-11218 7-21 2C
W74-07616 7-15 2L	BARUA, S. K.	BACINGPI I I
	Preliminary Studies on the Mechanisms Con-	BASINSKI, J. J.
BARTLETT, E. M.	trolling the Salinity in Northwestern Arid Re-	Pests, Crop Damage and Control Practices with
Physiology of Drought Resistance in the	gion of Indiaa Discussion on the Causes of	Irrigated Cotton in a Tropical Environment,
Soybean Plant (Glycine max): I. The Relation-	Salinity in the Groundwater Regime,	W74-02093 7-04 5G
ship Between Drought Resistance and Growth,	W74-05132 7-10 2F	
W74-03475 7-07 3F		BASNEC, A. M.
	BARUCHELLO, L.	Membrane Processes (Osmosis and Reverse
BARTLETT, H. D.	Tertiary Methods of Waste Treatment,	Osmosis),
Contribution of Animal Waste to Nitrate	W74-12422 7-23 5D	W74-00145 7-01 3A
Nitrogen in Soil,		
W74-09697 7-18 5B	BARY, R. P.	BASSETT, D. L.
BARTLETT, L.	Factors Affecting the Distribution of Some	Mathematical Model of Water Advance in
	Phryganeaeid (Trichoptera) in Malham Tarn,	Border Irrigation.
Effects of Copper, Zinc, and Cadmium on	Yorkshire.	W74-06582 7-13 3F
Selanastrum Capricornutum,	W74-01586 7-03 2I	
W74-10563 7-20 5C		BASTACKY, S.
BARTLETT, R. J.	BARYSHNIKOVA, M. M.	Process for Treating Industrial Wastes,
Fate of Nitrate from Manure and Inorganic	The Analysis of the Possibilities of Current	W74-00967 7-02 5D
Nitrogen in A Clay Soil Cropped to Continuous	Meter Operation in Turbulent Streams,	1702 35
Corn.	W74-11501 7-22 7B	BASTIAN, C. E. JR.
W74-08321 7-16 5B		Method of Clearing a Path Through Ice,
W 74-06321 7-10 3B	BASCO, D. R.	W74-11051 7-21 8C
BARTOLINI, C.	An Experimental and Theoretical Study of the	W/4-11031 /-21 8C
Grain Size Studies on Turbidite Components	Flow Field Surrounding A Suction Pipe Inlet,	BASTIAN, D. F.
From Tyrrhenian Deep Sea Cores,	W74-10392 7-20 8A	Hulah Dam Emergency Bulkhead Prototype
W74-00100 7-01 2J		Closure Tests,
177 00100	BASCO, R. DAVID	
BARTOLOMEO, B.	Alternative Solutions to Water Resource	W74-09205 7-17 8C
Microbiological Evaluation of Cold-Water	DevelopmentA Case Study,	BASTIEN, J. A. P.
Shrimp (Pandalus Borealis),	W74-09661 7-18 6B	Bacteriological Water Quality Data, Beach
W74-00653 7-02 5A		
	BASCOM, W.	Areas, Gatineau Park Lakes, National Capital
BARTON, C. J.	The Disposal of Waste in the Ocean,	Commission, 1973,
Dose Estimations for the Hypothetical Use of	W74-12956 7-24 5E	W74-07932 7-15 5B
Nuclearly Stimulated Natural Gas in the		2.01 N W
Cherokee Steam Electric Station, Denver,	BASCOMB, S.	BASU, N. K.
Colorado,	Identification of Bacteria by Computer:	Pipe Jacking A Technique for Soft Ground
W74-04177 7-08 5B	General Aspects and Perspectives,	Tunnelling,
	W74-04909 7-10 5A	W74-10821 7-20 8A
Experimental Results from Processing Gasbug-		BATANOINV P H
gy Gas in a Natural Gas Processing Plant,	Identification of Bacteria by Computer:	BATANOUNY, K. H.
W74-02021 7-04 5B	Identification of Reference Strains,	Eco-Physiological Studies on Desert Plants:
BARTON C M	W74-04910 7-10 5A	VIII. Root Penetration of Leptadenia
BARTON, C. M.		Pyrotechnica (Forsk.) Decne. in Relation to Its
Bore Hole Sampling of Saturated Uncemented	BASCOMB, S. AND	Water Balance,
Sands and Gravels, W74-09094 7-17 4B	Identification of Bacteria by Computer: Theory	W74-12743 7-23 21
W /4-09094 /-1/ 4B	and Programming,	
Borehole Sampling of Satuarated Uncemented	W74-04791 7-09 5A	Ecological and Phytosociological Study of a
The second secon		Sector in the Lubian Decert

BASEDOW, T.

man), W74-00388

Relations Between Host Plants and Phenology

of the Gall Midges Contarinia Tritici (Kirby)

and Sitodiplosis Mosellana (Geh.), (In Ger-

7-10 8G

7-05 21

Sector in the Lybian Desert,

Computer Simulation of Crop Production -

W74-02507

W74-08331

7-01 3F

BATCHELDER, D. G.

Potential and Hazards,

BATEMAN, R. L.

BATEMAN, R. L. Development and Management of Groundwater in Relation to Preservation of Desert Pupfish in	BATTAILE, J. F. An Analysis of the Water Quality Problems of the Safford Valley, Arizona,	BAUDOUIN, M. F. Chlorophyll-A and Phaeophytin: Their Rela- tionships with the Concentrations of Nitrogen
Ash Meadows, Southern Nevada, W74-12752 7-24 4B	W74-04976 7-10 5B	and Phosphorus in the Seston of Lake Monate (North Italy), (In Italian),
DATESAN T W	BATTAN, L. J.	W74-04300 7-08 5C
BATEMAN, T. W. A Study of Corn Response and Soil Nitrogen Transformations Upon Application of Different	Survey of Weather Modification in the Soviet Union: 1973, W74-12061 7-23 3B	Weight, Size, and Chemical Composition of Some Freshwater Zooplankters: Daphnia
Rates and Sources of Chicken Manure, W74-09701 7-18 5D	BATTARBEE, R. W.	hyalina (Leydig), W74-01745 7-04 2H
BATERIDGE, T.	A New Method for the Estimation of Absolute	
Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest,	Microfossil Numbers, with Reference Espe- cially to Diatoms, W74-03285 7-07 5A	BAUER, D. A. Picking the Best Coagulant for the Job, W74-13433 7-24 5D
Montana,	W74-03285 7-07 5A	
W74-12359 7-23 5B	BATTEN, C. E.	BAUER, M. E.
BATES, C. T.	The Chemical/Physical and Microbiological	Identification of Agricultural Crops by Com- puter Processing of ERTS MSS Data,
Reservoirs and Local Government Finance,	Characteristics of Typical Bath and Laundry	W74-01688 7-04 3F
W74-03748 7-07 6B	Waste Waters, W74-07663 7-15 5B	
BATES, D. W.	#74-07003 7-13 3B	BAUER, O. N.
Conventional Stall Barns with Gutter Grates	Domestic Wash Water Reclamation For Reuse	Diseases of Pond Fishes, W74-07481 7-14 8I
and Liquid Manure Storage,	as Commode Water Supply Using a Filtration	W74-07481 7-14 8I
W74-10298 7-19 5D	Reverse Osmosis Separation Technique,	BAUER, R. C.
BATES, E. R.	W74-10478 7-20 5D	Reactions of Chloramines with Active Carbon,
Detection of Subsurface Cavities,	BATTERMAN, A. R.	W74-07544 7-14 5B
W74-11756 7-22 4B	Cough Response and Uptake of Mercury by	BAUER, S. W.
BATES, J. M.	Brook Trout, Salvelinus Fontinalis, Exposed to	A Modified Horton Equation for Infiltration
Ohio Mussel Fisheries Investigation. Part I:	Mercuric Compounds at Different Hydrogen-	During Intermittent Rainfall,
Mussel Studies,	Ion Concentrations, W74-12507 7-23 5C	W74-11907 7-22 2G
W74-03932 7-08 8I	W74-12507 7-23 5C	MARIEM IN T
Ohio Mussel Fisheries Investigation. Part I:	BATTERMANN, G.	BAUER, W. J. Engineering and Economics of Sludge Han-
Mussel Studies. Part II: Water Chemistry and	The Relation Between Soil-Water Diffusivity	dling,
Sediment Analyses. Part III: Plankton Survey,	and Water Content,	W74-05981 7-12 5D
W74-03931 7-08 5C	W74-13409 7-24 2G	
Ohio Mussel Fisheries Investigation. Part II:	BATTLE, D.	Large Wastewater Irrigation Systems:
Water Chemistry and Sediment Analyses,	A Description of the Environmental Planning	Muskegon County, Michigan and Chicago Metropolitan Region,
W74-03933 7-08 5C	and Management Project,	W74-12891 7-24 5D
Ohio Mussel Fisheries Investigation. Part III:	W74-12467 7-23 6G	Modes of Transporting and Applying Sludge
Plankton Survey,	BATURIN, G. N.	Modes of Transporting and Applying Sludge, W74-11837 7-22 5D
W74-03934 7-08 5C	Average Ratios of Uranium and Organic Matter	7.22 35
BATES, T. E.	in Recent Marine and Ocean Sediments (O	BAUGH, E. R.
Land Application of Sewage Sludge, W74-07266 7-14 5D	sootnoshenii srednikh kontsentratsiy urana i or- ganicheskogo veshchestva v sovremennykh morskikh i okeanskikh osadkakh),	The Performance of Primary Settling on Livestock Feedlot Runoff, W74-10146 7-19 5D
NATES T P	W74-09935 7-19 2J	7-15 30
BATES, T. F. An Investigation of the Mineralogy and Petrog-		BAUGHMAN, G. L.
raphy of Uranium-Bearing Shales,	Uranium and Sedimentation in The Black and	Chemistry of Organomercurials in Aquatic
W74-13116 7-24 2K	Azov Seas (Uran v protsesse osad-	Systems, W74-03328 7-07 5B
BATEY, T.	koobrazovaniya v Chernom i Azovskom moryakh),	7-03520 /-0/ 3B
Manuring of Potatoes on Fen Silt Soils in Hol-	W74-10383 7-20 2J	Gas-Liquid Chromatography-Mass Spec-
land, Lincolnshire,	BARRINGE AND THE	trometry of Organomercury Compounds,
W74-00422 7-01 3F	BATURINSKAYA, I. V.	W74-00253 7-01 5A
BATH, T. D.	Arsenic-Containing Carbonated Waters, Occur- rence Peculiarities, Chemical Composition, Oc-	Methylmercury Complexes in Aquatic
Oxygenation of Aqueous Bodies Using Liquid	currence Conditions	Systems,
Oxygen-Loxination,	(Mysh'yaksoderzhashchiye uglekislye vody	W74-12480 7-23 5B
W74-07741 7-15 5D	Kavkoza (osobennosti rasprostraneniya,	BAULING, D. B.
BATRA, S. K.	khimicheskiy sostav, usloviya formirovaniya)),	A Beef Confinement Building with an Oxida-
Distribution Pattern of Streptomycetes from	W74-10884 7-20 2K	tion Ditch,
Flooded Ganges Water,	BATYCHKOV, G. A.	W74-11241 7-21 5D
W74-01980 7-04 5C	Evaluation of the Effectiveness of Sturgeon	BAUM, B.
BATSON, W. T.	Reproduction in the Upper Pool of the Vol-	Research on Composite Hollow Tubules.
Vascular Plant Survey of Marsh and Adjacent	gograd Hydro Development System Based on	W74-00315 7-01 3A
Highland in Selected Portions of Cooper River	Results of Counting Downstream-Migrating Ju-	Personal on Composite Well-way Technique
and Wando River,	veniles in the Lower Pool, (In Russian), W74-09926 7-19 8I	Research on Composite Hollow Tubulets, W74-00317 7-01 3A
W74-09382 7-18 2L		7-01 3A
Vertical Distribution of Epiphytic Algae on	BAUDENDISTEL, J.	BAUM, G.
Spartina alterniflora from Transects Along the	Carcinogenic Sources in Fish Tumors Found in the Fox Valley Water Shed.	Polymer Membrane Electrodes. Part I. A
Cooper and Wando Rivers, W74-09381 7-18 2L	W74-11006 7-21 5C	Choline Ester-Selective Electrode, W74-00647 7-02 2K
,-10 2L	721 30	7-74 ER

Polymer Membrane Electrodes. Part II. A Potassium Ion-Selective Membrane Electrode,	BAYER, A. Dose and Risk Considerations for the Release	BEACH, M. I. Economics of Industrial Waste Water Sam-
W74-00648 7-02 2K	of I-131 at Special Sites,	pling,
	W74-05421 7-11 5C	W74-12780 7-24 5D
BAUM, H. E.	BAYER, D. R.	BEAK, T. W.
Small Balls Repeal Smell, W74-08201 7-16 5D	Irrigation and Sprinkler System,	Pollution Yesterday, Today, and Tomorrow,
W 74-00201	W74-07212 7-14 3F	W74-05272 7-10 5D
BAUMANN, D.		Use of Artificial Substrate Samplers to Assess
Community Adoption of Water Reuse Systems	BAYER, M. B. Nonlinear Programming in River Basin Model-	Water Pollution,
in the United States, W74-10081 7-19 5D	ing,	W74-12190 7-23 5A
7.77 32	W74-07298 7-14 5B	BEALL, S. E.
BAUMANN, E. R.		Conceptual Design of a Flood Complex Using
Stream Water Quality as it is Influenced by Urban Communities,	BAYLESS, W. E. Recovery of Toxic Metals from Industrial Ef-	Waste Warm Water for Heating,
W74-11618 7-22 6B	fluent Solutions by Solvent Extraction.	W74-09924 7-19 5D
	W74-12033 7-23 5D	BEAMISH, F. W. H.
Trickling Filter-Activated Sludge Combinations		Food of Larval Sea Lamprey (Petromyzon
for Domestic Wastewater Treatment, W74-04798 7-09 5D	BAYLY, I. A. E.	marinus) and American Brook Lamprey
W /4-04/96 /-09 3D	The Major Ions of Some Lakes and Other Waters in Queensland, Australia,	(Lampetra lamottei),
BAUMANN, P. C.	W74-01979 7-04 2H	W74-05915 7-11 2I
Biological Investigations of Lake Wingra,		BEAN, E. L.
W74-00833 7-02 5C	BAYNE, B. L.	Potable WaterQuality Goals,
BAUMGARDNER, M. F.	Biochemical Effects of Temperature and Nutri- tive Stress on Mytilus edulis L.	W74-10059 7-19 5G
Identification and Mapping of Soils, Vegeta-	W74-02873 7-06 5C	BEAR, J.
tion, and Water Resources of Lynn County,	7700 30	Mathematical Formulation of Transport
Texas by Computer Analysis of ERTS MSS	BAYNE, C. K.	Phenomena in Porous Media,
Data, W74-01689 7-04 3F	Geohydrology of Doniphan County, Northeast-	W74-12822 7-24 2F
W/4-01089 /-04 3F	ern Kansas, W74-00536 7-01 7C	BEARD, L. R.
BAUR, E. J.	W 74-00336 7-01 7C	Hydrologic Engineering Methods for Water
Assessing the Social Effects of Public Works	Geology and Hydrology of Rice County, Cen-	Resources Development: Volume I, Require-
Projects, W74-00163 7-01 6B	tral Kansas,	ments and General Procedures,
W /4-00163 /-01 6B	W74-10408 7-20 4B	W74-11231 7-21 8B
BAUR, S.	Precipitation Variability Over North Carolina,	Hydrologic Engineering Methods for Water
Microbiological Determination of Thiram,	W74-01111 7-03 2B	Resources Development. Volume 2. Hydrologic
W74-03846 7-08 5A		Data Management,
BAUSOR, S. C.	Statistical Analysis of North Carolina Precipita- tion Data,	W74-01642 7-03 2E
The 'Palmelloid' State in a Blue-Green Alga,	W74-02632 7-05 2B	BEARDEN, H. W.
Anabaena sp. I. Preliminary Report,	7-03-23	Groundwater Resources of the Hollywood
W74-00723 7-02 5C	BAZHEV, A. B.	Area, Florida,
BAWDEN, C. A.	Infiltration and Run-off of Melt Water on	W74-12054 7-23 4B
Preliminary Survey of Mercury and Other	Glaciers, W74-09347 7-18 2C	Hydrologic Data for 1972, Broward County,
Metals Contained in Animals from the Fraser		Florida,
River Mudflats,	BAZHEVA, V. YA.	W74-07918 7-15 7C
W74-00764 7-02 5C	Catalog of USSR Glaciers. Volume 14. Soviet	BEARDEN, M. D.
BAXTER, I. G.	Central Asia. No. 2. Kirgizia. Part 2. Basins of Left-Bank Tributaries of the Chu River	Brine Concentration by Electrodialysis, Phase
Pollution Studies in the Clyde Sea Area,	Downstream from Mouth of the Komorchek	II, W74-08501 7-16 3A
W74-06049 7-12 5C	River (Katalog lednikov SSSR. Tom 14.	W74-08501 7-16 3A
BAXTER, R. M.	Srednyava Aziya. Vypusk 2. Kirgiziya. Chast'	Design and Construction of a Large Brackish
The Probable Occurrence of Hydroxylamine in	2. Basseyny levykh pritokov r. Chu nizne ustya	Water Desalination Module,
the Water of an Ethiopian Lake,	r. Komorchek),	W74-08343 7-16 3A
W74-00067 7-01 5A	W-11221 /-21 2C	BEARDSLEY, W. G.
BAXTER, S. S.	BAZILEVICH, N. I.	Alternative 4A: Intensive Greenbelt Develop-
Engineering Alternatives in Natural Resources	Migration of Substances with Surface and	ment as an Additional Consideration,
Development in Urban Regions,	Gravitational Waters in Soils of Geochemically	W74-11604 7-22 6B
W74-00122 7-01 5D	Related Landscapes of Baraba, (Migratsiya veshchestv s pverkhnostnymi i gravitatsion-	Costs of Recreation Benefits,
Survey of Facilities Using Land Application of		W74-11600 7-22 6B
Wastewater,	ryazhennykh landshaftov Baraby),	Value of Recreation Benefits,
W74-04677 7-09 5D	W74-02300 7-05 2G	W74-11601 7-22 6B
DAVAKINA V D	BAZIYAN, G. V.	
BAYAKINA, V. P. Experiment in Rapid Leaching of Saline Soils		BEARSON, G. D. AND Shock-Wave Studies of Ice and Two Frozen
in the Golodnaya Steppe (Opyt uskorennoy		Soils,
promyvki zasolennykh pochv Golodnoy stepi),	W74-11180 7-21 5F	W74-04378 7-09 2C
W74-05018 7-10 3C	BEACH I S ID	BEACIEV A E
BAYAZEED, A. F.	BEACH, J. S. JR. Economics of Industrial Waste Water Sam-	BEASLEY, A. E. Prevention of Calcium Carbonate Scale Deposi-
Subsurface Disposal of Pickle Liquor,	pling,	tion in Mill Water Systems,
W74-09583 7-18 5E		W74-07848 7-15 8G

BEATLEY, J. C.

BEATLEY, J. C.	BECKER, C. D.	BECKWITH, W. F.
Russian-Thistle (Salsola) Species in Western United States,	Freshwater Ecology, W74-09236 7-17 5C	Enhanced Dispersion in Drag Reducing Open Channel Flow.
W74-02945 7-06 4A	Helminths of Sockeye Salmon (Oncorhynchus	W74-08390 7-16 5B
BEATTY, J. F.	Nerka) from the Kvichak River System, Bristol	BEDDOE, J. E.
The Water Budget and Waste Treatment at a	Bay, Alaska,	The Management of Water in England and
Modern Dairy, W74-00560 7-02 5D	W74-12719 7-23 5C	Wales: The Case for Reform, W74-05865 7-11 6B
W 74-00360 7-02 3D	BECKER, D. L.	
BEAUBRUN, P. C.	The movement and Impact of Pesticides Used for Vector Control on the Aquatic Environment	BEDER, B. A. Some Problems in Age Determination of
A Bacteriological Study of the Oyster Beds and Shellfish of the Lagoon of Oualidia During 1970, (In French),	in the Northeastern United States, W74-02948 7-06 5B	Groundwater (Nekotoryye voprosy rascheta vozrasta podzemnykh vod),
W74-06252 7-12 5C	BECKER, E. R.	W74-02611 7-05 2F
BEAUCHAMP, K.	BOD, Solids and Nutrient Removal by Foam	BEDINGER, M. S.
Jurisdictional Problems in Canada's Offshore,	Flotation,	Digital-Computer Programs for Analysis of
W74-12613 7-23 6E	W74-07742 7-15 5D	Ground-Water Flow, W74-09115 7-17 2F
BEAUCHAMP, M.	BECKER, J. F.	
Bacteriological Water Quality Data, Beach	Orientation of Chlorophyll in Vivo. Studies with Magnetic Field Oriented Chlorella,	BEDNARZ, T. Selected Species of Algae Found in Carp Ponds
Areas, Gatineau Park Lakes, National Capital Commission, 1973,	W74-00245 7-01 5C	of the Laskowa Complex Near Zator, W74-01607 7-03 21
W74-07932 7-15 5B	BECKER, L.	
BEAULIEU, B. J.	Linear Programming and Channel Flow Identification,	BEDROSIAN, A. J. Investigation of a Northeastern Wisconsin
Liquid Aerating Rotor Assembly,	W74-01277 7-03 8B	Lake Ecosystem: An Interdisciplinary Ap-
W74-02042 7-04 5D		proach. Phase II-Management Problems and
BEAUMONT, P.	Optimal State Analysis of Reservoirs, W74-05167 7-10 6A	Alternatives,
River Regimes in Iran,		W74-02662 7-06 6B
W74-02298 7-05 2E	BECKER, L. D.	BEDROSIAN, P. H.
BEBAWI, F. F.	Statement of Progress on Investigation and Analysis of Flood Hydrographs from Small	Cesium-137 in White-Tailed Deer as Related to Vegetation and Soils of the Southeastern
Burning as a Supporting Management in the	Drainage Basins in South Dakota,	United States,
Control of Waterhyacinth in the Sudan. Part II.	W74-03821 7-08 4A	W74-05190 7-10 5B
Backburning, W74-02919 7-06 4A	BECKERLEY, J. G.	BEE, R. W.
	Technical Basis for Interim Regional Tornado	Bureau of Mines Environmental Action Pro-
Burning as a Supporting Treatment in Con- trolling Waterhyacinth in the Sudan. Part I.	Criteria, W74-10433 7-20 2B	grams for Northeastern PennsylvaniaRefuse Bank Removal; Subsidence Monitoring,
Routine Burning,		W74-10270 7-19 5A
W74-02918 7-06 4A	BECKERS, C. V. Quantitative Methods for Preliminary Design of	BEEL AND C
BEBBINGTON, W. P.	Water Quality Surveillance Systems,	BEELAND, G. Suburban America: Population Dynamics as
Environmental Effect of a Complex Nuclear Facility.	W74-06885 7-13 5A	Related to Water Resources Planning, W74-00553 7-02 6B
W74-08254 7-16 5D	BECKERS, V. Design of Cost-Effective Water Quality Sur-	BEER, C.
BECAUD, J. P.	veillance Systems,	Nitrogen Removal and Phosphorus Precipita-
Ecological Study of Salmonella in Waste	W74-08825 7-17 5A	tion in a Compartmentalized Aeration Tank,
Water, Stagnant Water, Running Streams and	BECKERT, W. F.	W74-12243 7-23 5D
Domestic Wells of Anjou, (In French), W74-12152 7-23 5B	Formation of Methylmercury in a Terrestrial	BEER, C. E.
7-23 38	Environment, W74-11393 7-21 5B	RESERVOIR Sedimentation,
BECHER, H. H.	W74-11393 7-21 5B	W74-11610 7-22 6B
Model Experiments Showing Transport of Fine Material in Soil Pores (In German),	BECKETT, P.	The Use of Statistical Distributions for Deter-
W74-13402 7-24 2G	The Columbia Interstate Compact: Politics of Water Resources in the Pacific Northwest.	mining the Magnitude and Frequency of Floods,
BECHTOLD, I. C.	W74-07846 7-15 6E	W74-11611 7-22 6A
Regional Tectonic Control of Tertiary	BECKEY, H. D.	
Mineralization and Recent Faulting in the	Potentiality of the Coupling of Column Liquid	BEERS, G. D. Management of Stormwater Runoff in Subur-
Southern Basin Range Province, An Applica-	Chromatography and Field Desorption Mass	ban Environments,
tion of ERTS-1 Data, W74-01710 7-04 7C	Spectrometry, W74-02430 7-05 2K	W74-04302 7-09 5D
	W/4-02430 /-03 2K	BEERS, W. F. JR.
BECK, K. C.	BECKMAN, J. E.	Soil as a Medium for the Renovation of Acid
Organic and Inorganic Geochemistry of Some Coastal Plain Rivers of the Southeastern	Control of Fouling of Reverse Osmosis Mem- branes When Operating on Polluted Surface	Mine Drainage Water, W74-04981 7-10 5D
United States,	Waters,	W /4-04961 /-10 3D
W74-05503 7-11 5B	W74-01908 7-04 3A	BEETON, A. M.
BECKER, B. C.	BECKRATH, H.	Distribution of Phosphorus, Silica, Chlorophyll a, and Conductivity in Lake Michigan and
Approaches to Stormwater Management,	Sludge Dewatering with the Aid of Continu-	Green Bay,
W74-04458 7-09 5A	ously Operating Press-Type Filters	W74-08000 7-15 5C
Joint Construction Sediment Control Project,	(Schlammentwasserung Mit Kontinuerlichen Pressfiltern).	Man's Effect on the Great Lakes,
W74-11923 7-22 4D	W74-13330 7-24 5D	W74-00444 7-01 4C

Degree of Local Saturation of a Flow by

Suspended Matter and Its Relation to the

Floating Barrier for Circumscribing Oil Pools

BELILOVSKIY, E. L.

or Like Refuse,

BELIN, M. A.

W74-02037

7-24 5D

Volume Concentration, W74-06913

BEEZHOLD, F. L.

BEGACHEV, V. I.

hanicheskimi aeratorami), W74-13428

7-24 5A

W74-12762

W74-13130

The Use and Effect of Mixed Standards on the

Quantitation of Polychlorinated Biphenyls, W74-02393 7-05 5A

Liquid Velocity Distribution in Aeration Tanks

with Mechanical Aerators (Rasredelenie skorostei zhidkosts v aerotenkakh s mek-

7-14 6B

A Mathematical Model of the Nutrient Dynam-

ics of Phytoplankton in a Nitrate-Limited En-

Relations Between the Pollution of the Cortiou

Sector by Anionic Detergents and Modifica-

New Concepts in Environmental Planning,

vironment, W74-00720

W74-07492

BELLAN-SANTINI, D.

7-13 8B

7-04 5G

BEHRENS, H. C.	BELITSKII, A. S.	tions in Populations of Cystoseira stricta, (In
Conceptual Design of Hollow Fine Fiber Sea-	Some Data on Movement of Radiostrontium	French),
water Reverse Osmosis Desalting Pilot Plant,	with Groundwater Current,	W74-11174 7-21 5C
W74-01911 7-04 3A	W74-12040 7-23 5B	BELLIN, K.
11701211		The Evaluation of Discharge Measurements in
BEHRENS, U.	BELIVEAU, J. G.	Streams with Changing Flow Conditions,
Construction and Operation of a Laboratory	Nonlinear Least Squares Techniques for	W74-11508 7-22 7B
Fermenter for Kinetic Measurements in Waste	System Identification in Water Quality,	W /4-11306 /-22 /B
Waters (Bau Und Betrieb Eines Laboratori-	W74-13028 7-24 5A	BELLIVEAU, P. E.
ums-Fermentors Fur Kinetische Messungen an		An Improved Method for Determination of
Abwassern),	BELK, D.	Trace Quantities of Phenols in Natural Waters,
W74-10816 7-20 5D	Streptocephalus Moorei N. Sp., a New Fairy	W74-12930 7-24 5A
	Shrimp (Anostraca) From Mexico,	W /4-12930 /-24 3A
BEHRIN, E.	W74-03319 7-07 2I	BELLMAN, H. E.
New Energy Technology Research and		Mixing and Handling of Liquid Dairy Cattle
Development: A Rationale for Setting Priori-		Manure.
ties,	Drought-Affected Mitochondrial Processes as	W74-10308 7-19 5D
W74-13123 7-24 6B		W 74-10300
BRILLIA C	W74-04127 7-08 3F	BELLUE, D. G.
BEILKE, S. On the Absorption of SO2 in Ocean Water.	artt n	An Analysis of Internal Zones of Discontinuity-
	BELL, E. A.	-Chapter III of a Compilation of Studies from
W74-12320 7-23 2K	Davida da Davida,	Atmospheric Variability Experiment (AVE),
BEITZEL, S. W.	W74-02026 7-04 5G	W74-00854 7-02 2B
Method and Apparatus for Mixing Gases with		W 74-00054
Water.	Water Avanaointy in Central Wisconsin - All	A Compilation of Studies from Atmospheric
W74-05907 7-11 5F	Area of Near-Surface Crystalline Rock,	Variability Experiment (AVE),
W 14-03901 7-11 31	W74-10647 7-20 4B	W74-00851 7-02 2B
BEKURE, S. E.		
Intertemporal Allocation of Groundwater in the	BELL, J. E.	BELLY, R. T.
Central Ogallala Formation: An Application of	Analysis of Organic Materials in Wastewater	Algal Excretion of C-14-Labeled Compounds
a Multistate Sequential Decision Model,	Elliuents After Chlorination,	and Microbial Interactions in Cyanidium cal-
W74-12787 7-24 6E	W74-03081 7-06 5A	darium Mats.
		W74-01510 7-03 5C
BELAN, R. A.	BELL, J. M.	
Groundwater Recharge from a Portion of the	Stormwater Runoff Quality for Urban and	BELON, A. E.
Santa Catalina Mountains,	Semi-Urban/Rural Watersheds,	A Multidisciplinary Survey for the Manage-
W74-08764 7-17 2F	W74-06851 7-13 5B	ment of Alaskan Resources Utilizing ERTS
		Imagery,
BELAND, F. A.	BELL, J. P.	W74-06633 7-13 4A
Voltammetric Identification of Organochlorine		
Insecticides, Polychlorinated Biphenyls		Vegetative and Geologic Mapping of the
Polychlorinated Naphthalenes and	W74-11000 7-21 5A	Western Seward Peninsula, Alaska, Based on
Polychlorinated Benzenes,	BELL, P. W. W.	ERTIS-1 Imagery,
W74-02389 7-05 5A		W74-01672 7-04 4A
BELAVSKAYA, A. P.	Optimal Control of Flow in Combined Sewer	
Aquatic Higher Vegetation as a Component o	Systems,	BELONGER, B.
an Aquatic Biogeocenosis, (In Russian),	W74-09652 7-18 5D	Evaluation of Commercial Fishery Potential of
	BPTT 10 11	Wisconsin's Boundary Waters of Lake Superi-
W74-12530 7-23 2		or-Walleye,
BELCHER, R. S.	Reproduction of Estuarine Structure and Cur-	W74-00094 7-01 8I
A Modified Extraction Method for Determina	rent Observation Techniques in the Hecate	
tion of Mineral Oil in Sea Water,	Model,	BELOUSOV, V. I.
W74-02388 7-05 5A	W74-04724 7-09 2L	Recent Hydrothermal Systems of Kamchatka,
1177-02300		W74-08989 7-17 2F
BELFORT, G.	BELLA, D.	PER CHICONA N. A
Membrane Regeneration for Wastewater Recla	Oregon's Estuaries: Description and Informa-	BELOUSOVA, N. A.
mation Using Reverse Osmosis,	tion Sources for Oregon's Estuaries,	Biocoenoses of the Palustrine Bodies of Water
W74-09554 7-18 5I	W74-11575 7-22 2L	of the Southern Part of the Lake Onega-White
	DELLA D. A	Sea Watershed, (In Russian),
BELICHENKO, YU. P.	BELLA, D. A.	W74-09127 7-17 5C
All-Union Conference on Use and Conserva		Ecological Data of Mire Vegetation, (In Rus-
tion of Water Resources (Vsesoyuznoy		
soveshchaniye po ispol'zovaniyu i okhran	Effects of Intracellular Nutrient Pools on	sian), W74-01014 7-02 2H
vodnykh resursov),	0 15 1 15 1 1	W74-01014 7-02 2H
W74-02748 7-06 61	Growth Dynamics of Phytoplankton, W74-13302 7-24 5C	BELOVA, I. V.
Determination of Chemical Oxygen Demand		Migration of Elements in River Waters
Indices in Water. (In Russian).	Environmental Planning Methods,	(Migratsiya elementov v rechnykh vodakh),
indices in water, (in Kussian),	Darmonnian t mining memors,	(migratorya cicinemov v reemityku vodaku),

7-24 6A

W74-05022

BELT, G. H. Simulation Model for Evaluation of Intercep- tion Loss from Forest Trees, Part I. Modeling Snow Interception on Conifers and Part II.	BENDER, M. E. Function of Marshes in Reducing Eutrophica- tion of Estuaries of the Middle Atlantic Region, W74-07336 7-14 5C	BENKERT, W. Role of Coast Guard in Pollution Control, W74-10771 7-20 5G
Laboratory Modeling of Snow Interception on Trees.	Water Quality Models and Aquatic Ecosystems	BENNER, R. Planning for Diversity,
W74-02656 7-06 2I	Status, Problems and Perspectives, W74-05393 7-10 5B	W74-12765 7-24 6E
BELTAOS, S. Circular Turbulent Jet in an Opposing Infinite Stream.	BENDIXSEN, C. L. 1972 Operation of the ICPP Rare Gas Recovery	BENNETT, B. I. Determination of Total Mercury in Air by Charcoal Adsorption and Ultraviolet Spec-
W74-12097 7-23 5B	Facility, W74-06822 7-13 5D	trophotometry, W74-11363 7-21 5A
BELTER, W. G.	BENEDEK, A.	BENNETT, D. J.
Deep Disposal Systems for Radioactive Wastes, W74-10869 7-20 5B	Feasibility of Physico-Chemical Treatment of Raw Sewage at Low Temperatures, W74-10185 7-19 5D	Pilot Application of the Rotating Biological Surface Concept for Secondary Treatment of Insulating Board Mill Effluents,
BELYAYEV, I. P.		W74-07398 7-14 5D
Possible Changes in Salinity of Water in the Dnieper-Bug Lagoon in Connection with Fu- ture Diminution of Streamflow (Vozmozhnyye	BENEDICT, A. H. Static Leaching Studies on Pulpwood Bark Residues,	BENNETT, E. R. Individual Home Aerobic Wastewater Treatment Systems,
izmeneniya solenosti vody Dneprovsko-Bug- skogo limana v svyazi s predstoyashchim	W74-13276 7-24 5B	W74-00434 7-01 5D
sokrashcheniyem rechnog o stoka), W74-03530 7-07 2L	BENEDICT, B. A. Negatively Buoyant Jets in a Cross Flow, W74-10200 7-19 5B	A Modified Filtration Method for the Analysis of Wastewater Suspended Solids,
BEMIS, G. R. Evaluation of a Method of Fog Dispersal by	BENEDICT, H. M.	W74-01318 7-03 5A
Ionization, W74-10639 7-20 3B	Analytical Methodology for Mercury-Discussion Paper,	BENNETT, G. F. Industrial Waste Disposal Made Profitable, W74-12951 7-24 5D
BEN-DAVID, S.	W74-06793 7-13 5A	
Analysis of Water Characteristics of Manufac-	BENEDINI, M.	BENNETT, J. P. Concepts of Mathematical Modeling of Sedi-
turing Industries and Their Adaptability to Semi-Arid Regions,	Mathematical Approach to Water Resources Management in Italy,	ment Yield, W74-09905 7-19 2J
W74-12863 7-24 3E	W74-05397 7-10 6A	
An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the	BENEMANN, J. R. Nitrogen Fixation by Anabaena cylindrica. I.	Suspended-Sediment Sampling Variability, W74-03801 7-08 2J
Rio Grande in New Mexico: Lower Rio Grande Region,	Localization of Nitrogen Fixation in the Heterocysts,	BENNETT, J. R. On the Dynamics of Wind-Driven Lake Cur-
W74-07609 7-15 6B	W74-00713 7-02 5C	rents, W74-11895 7-22 2H
An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the	BENEZET, H. J. Isomerization of Gamma-BHC to ALPHA-	BENNETT, J. T.
Rio Grande in New Mexico: Middle Rio Grande Region,	BHC in the Environment, W74-00264 7-01 5B	Determinants of Use of Water-Based Recrea- tional Facilities,
W74-05408 7-11 6B	BENGTSON, J.	W74-07058 7-14 6B
An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the Rio Grande in New Mexico: Socorro Region,	Observations on Upstream Migration by Imagines of Some Plecoptera and Ephemerop- tera,	BENNETT, J. W. Anthropological Contributions to the Cultural Ecology and Management of Water Resources,
W74-06103 7-12 6B	W74-02967 7-06 5B	W74-13060 7-24 6B
An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the Rio Grande in New Mexico: Upper Rio	BENGTSSON, B. E. A Simple Principle for Dosing Apparatus in Aquatic Systems,	BENNETT, M. The Determination of Vegetable and Mineral Oils in the Effluents and Sewage Sludges of the
Grande, W74-02660 7-06 6B	W74-00473 7-01 7B	Upper Tame Basin, W74-10818 7-20 5A
	BENIGNO, J. A.	
BEN-YAAKOV, S. Carbonate Compensation Depth: Relation to Carbonate Solubility in Ocean Waters, W74-08582 7-16 2K	Relationships Between Remotely Sensed Fishe- ries Distribution Information and Selected Oceanographic Parameters in the Mississippi	BENNETT, R. R. Water from the Coastal Plain Aquifers in the Washington, D.C., Metropolitan Area, W74-08597 7-16 4B
	Sound, W74-06708 7-13 7B	
Nitrogen/Argon Ratios by Difference Thermal Conductivity,	BENJES. H. H.	BENNETT, R. S. Evaluation of Irrigation Scheduling for Salinity
W74-01522 7-03 5A	Pipe Materials, Coatings, and Joints for Water	Control in Grand Valley, W74-11929 7-22 5G
BEN-ZVI, A. Hydrodynamic Modeling of Two-Dimensional	Distribution Systems, W74-05009 7-10 5F	Flow-Measuring Flume for Wastewater for
Watershed Flow,	BENKE, A. C.	Treatment Plants,
W74-01278 7-03 2A	Georgia's Water Problems and Related	W74-13032 7-24 5D
BENAYOUN, G. Flux of Ce-141 Through a Euphausiid Crustacean.	Research Needs, W74-00004 7-01 6B	Selected Irrigation Return Flow Quality Abstracts 1972-1973, Third Annual Issue. W74-11576 7-22 5G
W74-04191 7-08 5C	BENKE, G. M.	
BENDER, G. L.	Anticholinesterase Action in Methyl Parathion, Parathion and Azinphosmethyl in Mice and	BENNION, D. W. A Stochastic Model for Predicting Variations in
Mormon Lake, W74-12784 7-24 6B	Fish: Onset and Recovery of Inhibition, W74-12273 7-23 5C	Reservoir Rock Properties, W74-00955 7-02 8E

RERG. A.

DENOIT D A

W74-12841

BERGER. O.

A Simplified Flow-Splitting Chamber and Siphon for Proportional Diluters, W74-06094 7-12 7B	The Biological Pathway of Zinc (Zn-65) in Freshwater Fish and its Alteration by Heavy Metals,	Solids Separation from Industrial Waters and Effluents: Screening and Straining, W74-08393 7-16 5D
	W74-05201 7-10 5C	BERGER, R. L.
BENOIT, G. R. Automated Flow-Recording System for Field Drainage MonitoringDirect Data Compilation of Surface and Subsurface Drain Flow,	Radiotracer Technique for the Study in Vivo of the Biological Pathway of Heavy Metals in Aquatic Organisms,	Accelerated Curing of Cementitious Systems by Carbon Dioxide, Part II. Hydraulic Calcium Silicates and Aluminates, W74-10849 7-20 8F
W74-08267 7-16 4A	W74-02025 7-04 5C	W 74-10849 7-20 8F
Effect of Agricultural Management of Wet Sloping Soil on Nitrate and Phosphorus in Sur- face and Subsurface Water, W74-00371 7-01 5B	BERG, A. R. Ecological and Physiological Implications of Greenbelt Irrigation with Reclaimed Water, W74-12895 7-24 5D	BERGERT, K. H. Investigation of Volatile Organic Micropollu- tants in Air and Water Using Low-Temperature Capillary GC-MS,
	BERG, D. W.	W74-11863 7-22 5A
BENSON, B. B. Reduction of High Nitrate Content from Well Water in a Remote Eskimo Village,	Application of ERTS-1 Imagery in Coastal Stu- dies,	BERGKVIST, S. Environmental Protection Techniques to be
W74-00949 7-02 5F	W74-06709 7-13 2L	Applied in a Bleached Kraft Pulp Mill in Sweden,
BENSON, C. Survey of the Seasonal Snow Cover in Alaska,	State of Groin Design and Effectiveness, W74-03370 7-07 8A	W74-07392 7-14 5D
W74-08179 7-16 2C	Time-Interval Photography of Littoral Phenomena,	Methanol Distribution in an Evaporation Plant, W74-05253 7-10 5D
The Tundra Microclimate During Snow-Melt at Barrow, Alaska,	W74-03364 7-07 2J	BERGLES, J. L. Water Treatment Filter Bed for Sewage
W74-02095 7-04 2C	BERG, E.	Systems, W74-11405 7-21 5D
BENSON, C. S.	Seismic Evidence for Glacier Motion, W74-01378 7-03 2C	W /4-11403 /-21 3D
Snow Cover Surveys in Alaska From ERTS-1 Data.		BERGMAN, H. L.
W74-06697 7-13 2C	BERG, O. Some Characteristic Features of the Bacterial Decomposition in Sediments from Lakes and	Method and a Device for Collecting Substances Floating in a Liquid Surface, W74-12446 7-23 5G
BENSON, L. A. Monitoring Flood Damage with Satellite	Ponds in Southwest Greenland (the Narssaq	Uptake of Methyl Mercuric Chloride and Mer-
Imagery, W74-08294 7-16 4A	Area), W74-10799 7-20 5C	curic Chloride by Trout: A Study of Uptake Pathways into the Whole Animal and Uptake
BENSON, M. A.	BERG, R.	by Erythrocytes in Vitro, W74-01412 7-03 5C
Measurement and Estimation of Flood	Encountering Massive Ground Ice During Road Construction in Central Alaska,	
Discharges, W74-11524 7-22 7B	W74-04420 7-09 4C	BERGMAN, S. No Fault Liability for Oil Pollution Damage, W74-05779 7-11 5G
BENSON, N. R. Nitrogen, Salinity, and Acidity Distribution in	BERG, R. AND The Use of Polyurethane Foam Plastics in the	BERGOUGNOU, M. A.
an Irrigated Orchard Soil as Affected by Place- ment of Nitrogen Fertilizers,	Construction of Expedient Roads on Per- mafrost in Central Alaska, W74-04421 7-09 8G	Some Nutritional Characteristics of Spirulina maxima Algae Grown in Effluents from Biolog-
W74-10343 7-19 3C		ical Treatment Plant, W74-11872 7-22 5C
BENTHE, H. F.	Some Passive Methods of Controlling	
Induction of Microsomal Liver Enzymes after Polychlorinated Biphenyls (PCB) and Follow-	Geocryological Conditions in Roadway Con- struction,	BERGSIMA, J. Physical System Modelling as a Tool in Water
ing Stress, (In German), W74-00493 7-01 5C	W74-04406 7-09 2C	Resource Planning, W74-01487 7-03 2A
W 74-00493 7-01 3C	BERG, W.	BEDCETDOM C
BENZ, L. C.	Mercury Content in Feathers of Swedish Birds	BERGSTROM, S. Development of A Conceptual Deterministic
Visual Recorder for Energize-Deenergize Cy- cles,	from the Past 100 Years, W74-11382 7-21 5A	Rainfall-Runoff Model,
W74-01771 7-04 7B		W74-01128 7-03 2A
BENZVI, R.	BERGDOLL, J. F. Drying Poultry Manure and Refeeding the End	BERISTAIN, C. D. System for Treating Dilute Slurries,
Extended Period Simulation of Water Distribu- tion Networks,	Product, W74-09686 7-18 5D	W74-09188 7-17 5D
W74-05533 7-11 4A		BERITIC, T.
BERDANOV, V. M.	BERGER, B. B.	Lead Concentration Found in Human Blood in
Modification of Water Quality During Artificial Groundwater Recharge,	Water Quality Issues in the National Water Commission's Report 'Water Policies for the Future',	Association with Lead Colic, W74-09764 7-18 5C
W74-00116 7-01 4B	W74-03179 7-06 6B	BERKIN, N. S. Division of the Cisbaykal Region into Zones on
BEREZINA, N. M. Presowing Irradiation of Seeds of Agricultural	BERGER, B. L. The Efficacy of Quinaldine Sulfate as an	the Basis of Moisture and Heat Availability (Rayonirovaniye territorii Predbaykal'ya po
Plants, W74-13115 7-24 5C	Anesthetic for Freshwater Fish, W74-10388 7-20 8I	stepeni uvlazhneniya i tepleobespechennosti), W74-04254 7-08 2G
BEREZKINA, G. M. The Combined Study of Seepage Properties of Semipermeable Soils for Estimating Interrelationship of Aquifers,	BERGER, H. F. A Comparison of Effluent Characteristics from Conventional and Oxygen Bleaching Sequences: Results of a Laboratory Study,	BERKSTRESSER, C. F. JR. Base of Fresh Ground WaterApproximately 3,000 Micromhosin the Sacramento Valley and Sacremento-San Joaquin Delta, California,

Conventional and Oxygen Bleaching Sequences: Results of a Laboratory Study, W74-07375 7-14 5D

3,000 Micromhos-in the Sacramento Valley and Sacremento-San Joaquin Delta, California, W74-05553 7-11 7C

REPKSTRESSER, C. F. JR.

DERKSTRESSER, C. T. OK.		
BERLAMONT, J. Solutions for Lateral Outflow in Perforated Conduits,	Leaching Requirement Studies: Sensitivity of Alfalfa to Salinity of Irrigation and Drainage Waters,	BERTHOUEX, P. M. How Well do Engineers Forecast Demands, W74-08905 7-17 5G
W74-07433 7-14 8B	W74-08815 7-17 3C	Pitfalls in Parameter Estimation for Oxygen
BERLIN, I. A. Automatic Method of Monitoring the Quality of Mean Monthly Meteorological Data,	BERNSTEIN, R. Results of Precision Processing (Scene Correction) of ERTS-1 Images Using Digital Image	Transfer Data, W74-09514 7-18 5A
W74-06728 7-13 2B	Processing Techniques, W74-06651 7-13 7C	Some Historical Statistics Related to Future Standards,
BERLINER, P.		W74-09505 7-18 5D
Waterproofing Surface-Zone Soil Aggregates for Water Conservation, W74-12289 7-23 2G	BERNSTEIN, S. Protein Production from Acid Whey Via Fermentation,	BERTINE, K. History of Metal Pollution in Southern Califor-
	W74-11795 7-22 5D	nia Coastal Zone,
BERLYNE, G. M. Metabolic Effects of Drinking Brackish Water,	BEROV, M. B.	W74-11130 7-21 5A
W74-01632 7-03 5C	pH and the Effectiveness of Effluent Purifica- tion (pH i effektivnost' ochistki stochnykh	BERTINE, K. K. Simultaneous Determination of Manganese,
BERMAN, T. Lake Kinneret: Planktonic Populations During	vod), W74-03556 7-07 5D	Copper, Arsenic, Cadmium, Antimony and Mercury in Glacial Ice by Radioactivation,
Seasons of High and Low Phosphorus Availa-		W74-01361 7-03 5A
bility, W74-03937 7-08 5C	BEROZA, M. Coumaphos as a Feed Additive for the Control	BERTRAM, C. L.
	of House Fly Larvae in Cow Manure,	Characteristics of Sea Ice, Lake Ice and Per-
Modifications in Filtration Methods for the	W74-00411 7-01 5D	mafrost Using an Impulse Radar System,
Measurement of Inorganic C-14 Uptake by Photosynthesizing Algae,	BERRIE, A. D.	W74-12053 7-23 2C
W74-01425 7-03 5A	Productivity of the River Thames at Reading, W74-04093 7-08 5C	BERTRAM, J. R.
BERNARD, J. G.		Wave Runup, Mono Lake Tests, 1965: A Sum- mary of Theoretical Prediction Methods and
The Planktonic Association (Cladocera and Copepoda) of a Dimictic Lake of the Lau-	BERRIOS, A. T. Human Factors Involved in the Development of a Watershed in Yabucoa,	Some Comparisons with Experimental Data, W74-03113 7-06 2H
rentides Park, Quebec, (In French), W74-01558 7-03 2H	W74-03325 7-07 6B	BERTRAND, G. L.
BERNARDI, A. R. Management, Operation and Maintenance of	BERRIOS-DURAN, L. A. Effect of Marisa Cornuarietis on Populations of	Organic Desorption from Carbon-II. The Effect of Solvent in the Desorption of Phenol from
Brackish Water Test Facility, Roswell, New Mexico, July 1970 - April 1972,	Biomphalaria Glabrata in Farm Ponds of Puerto Rico,	Dry Carbon, W74-02419 7-05 5A
W74-11832 7-22 3A	W74-12693 7-23 2H	Organic Desorption from Carbon-II. The Effect
BERNATCHEZ, P.	BERRY, F. A. F.	of Solvent in the Desorption of Phenol from
Automatic Recording Dilatometer, W74-06148 7-12 5A	The Influence of Geological Membranes on the Geochemistry of Subsurface Waters from Miocene Sediments at Kettleman North Dome	Wet Carbon, W74-02418 7-05 5A
BERNATOWICZ, S.	in California,	BERUL, L. H. Environmental Law Information System,
Observations on the Development of Coregonus peled (Gmel.) Fry in Ponds,	W74-07513 7-14 2K	W74-03049 7-06 10B
W74-01081 7-02 8I	BERRY, J. E. Investigation of a Northeastern Wisconsin	BERZINS, BRUNO
BERNER, N. The Impact of Oil on Marshland Microbial	Lake Ecosystem: An Interdisciplinary Approach. Phase II-Management Problems and	A Microbenthos Study of Rotatoria, W74-02893 7-06 2H
Ecosystems,	Alternatives,	BESANT, R. W.
W74-08631 7-16 5C	W74-02662 7-06 6B	Transient Heat and Mass Transfer in Fully
BERNHARD-REVERSAT, F. Litter Decomposition in the Evergreen Rain-	BERRY, J. W. A Demonstration of Thermal Water Utilization	Developed Laminar Tube Flows, W74-04237 7-08 8B
Forest of Ivory Coast, (In French),	in Agriculture,	BESCH, W. K.
W74-00494 7-01 2I	W74-10199 7-19 5D	Benthic Algae in Water of the Neouvielle Mas-
BERNHARDT, D. E.	BERRY, M. G.	sif (Hautes-Pyrenees), W74-07013 7-13 2H
Assessment of Potential Radioological Health Effects From Randon in Natural Gas,	Determination of Discharge-Frequency Rela- tionships Utilizing Non-Linear Hydrographs	
W74-05420 7-11 5C	and a Modified Rational Formula,	BESCHINSKIY, A. A. Economic Aspects of the Systems Approach to
BERNHARDT, H.	W74-05406 7-11 2A	Water Management,
The Use of Algal Assays for Determining the	BERRYMAN, C.	W74-13017 7-24 6A
Effect of Iron and Phosphorus Compounds on the Growth of Various Algal Species,	Manuring of Potatoes on Fen Silt Soils in Hol- land, Lincolnshire,	BESCHTA, R. L.
W74-07776 7-15 5C	W74-00422 7-01 3F	Probability Distribution of Snow Course Data
BERNS, D. S.	BERSELL, P. O.	for Central Arizona, W74-07094 7-14 2C
Electron Microscope and Physical Chemical	Vertical Distribution of Fishes Relative to	BESEMER, A. F. H.
Characterization of C-Phycocyanin from Fresh Extracts of Two Blue-Green Algae,	Physical, Chemical and Biological Features in Two Central Arizona Reservoirs,	Some Aspects of Chemical Control of Soil-
W74-00652 7-02 5A	W74-04474 7-09 5C	Borne Pathogens,
		W74-02889 7-06 5B

BERST, A. H.

7-15 3C

ERST, A. H.

Lake Huron: Effects of Exploitation, Introductions, and Eutrophication on the Salmoid Community,

W74-00244

7-01 5C

BESKRESTNOV, N. V.

Radiation Safety Problems in the Operation of Atomic Electric Power Stations, (In Russian),

W74-07363

7-14 5B

BERNSTEIN, L.

W74-07774

Leaching Requirement Studies: Sensitivity of Alfalfa to Salinity of Irrigation and Drainage Waters,

	DELIGORED D D	DELLE PRODUCTION DE
BESPALOV, D. P.	BEUSCHER, D. B.	BHALERAO, B. B.
Automatic Method of Monitoring the Quality of	Algae in the Spoon River, Illinois 1971-1972,	Conventional Treatment Methods for Pulp and
Mean Monthly Meteorological Data,	W74-05483 7-11 5B	Paper Mill Wastes and Disposal on Land for Ir-
W74-06728 7-13 2B		rigation,
	BEVEGE, E.	W74-03547 7-07 5D
BESSET, P.	Control of Fouling of Reverse Osmosis Mem-	
A Numerical Model of Multiphase Flow	branes When Operating on Polluted Surface	Pulp and Paper Mill Wastes Treatment; Alter-
Around a Well.	Waters,	natives and Cost Economics,
W74-04258 7-08 4B	W74-01908 7-04 3A	W74-03548 7-07 5E
W 74-04230	W 14-01700	
BESSUDO, D.	BEVEGE, E. E.	BHALLA, H. S.
Water-Borne Transmission of	Interaction of Feedwater Colloids with the Sur-	Multi-Time Period Facilities Location
Chloramphenicol-Resistant Salmonella typhi in		Problems: A Heuristic Algorithm With Applica-
	face of Reverse Osmosis Membranes,	tion to Waste Water Treatment Systems,
Mexico,	W74-01925 7-04 5D	W74-01929 7-04 5E
W74-10906 7-21 5C		
NEOT D. I	BEVERLY, W. C.	BHANDARI, L. M.
BEST, D. J.	System for Monitoring and Controlling Sub-	Characteristics of Zinc Smelting Industria
Extended Tables for Kendall's Tau,	stances in Fluid Bodies,	Waste and Simultaneous Removal of Toxic
W74-01497 7-03 7C	W74-13262 7-24 7B	Elements and Phosphates from It,
		W74-11354 7-21 5E
BEST, J. S.	BEVILL, R. F.	W 14-11554
Method for Suppressing the Formation of Ice	The Determination of Thallium in Urine and	BHAR, A. K.
in Natural or Man-Made Bodies of Water,	Plasma by Delves Cup Atomic Absorption,	Groundwater Conditions of the Tarai Region,
W74-05689 7-11 2C	W74-01314 7-03 5A	
	17-01514 1-03 JA	W74-05131 7-10 4E
Method of Making Sodium Chloride Concen-	BEWERS, J. M.	BHARGAVA, T. N.
trate from Sea Water,		
W74-05887 7-11 3A	The Behavior of Particulate Material in the	Some Aspects of Phosphorus Dynamics of the
7-11 3A	Treatment Lagoons of a Bleached Kraft Pulp	Twin Lakes Watershed,
BESZEDITS, S.	Mill,	W74-06565 7-13 50
Program Will Control Pollution from Water-	W74-05615 7-11 5D	DILLE I C
		BHAT, I. S.
craft,	BEYCE, O.	Radioactivity Measurements at Tarapu
W74-13295 7-24 5B	Water Requirements of Various Crops in Arid	Nuclear Power Station Environment,
PETANGON PETANGON	and Semi-Arid Zones of Turkey,	W74-02056 7-04 51
BETANCOURT, O. J.	W74-02937 7-06 3F	
Changes in Chemical Composition and Physical		BHATIA, O. P.
Properties of a Heavy Residual Oil Weathering	BEYCHOCK, M. R.	Quality of Ground Water in Bikaner District o
Under Natural Conditions,	'Clean Energy Via Coal Gasification',	Western Rajasthan,
W74-03877 7-08 5B		W74-13151 7-24 4I
	W74-02462 7-05 6B	
The Formation of Water-In-Oil Emulsions Sub-	BEYER, H.	BHATT, H. G.
sequent to an Oil Spill,		Analysis of Pollution Control Costs,
W74-02377 7-05 5B	Trichoptera in the Reservation Area Heiliges	W74-08829 7-17 50
	Meer in Westphalia,	
BETHEL, J. S.	W74-07997 7-15 21	BHATT, N.
Ecosystem Modeling of a Forested River		Separation and Identification of Meta
Basin,	BEYERMANN, K.	Dithizonates by Thin-Layer Chromatography
W74-12294 7-23 2A	Adsorption of Traces of Insecticides from	and its Application in Toxicological Analysis,
W 14-12254 1-23 ZA	Water on Polyethylene, (Adsorption von	W74-02360 7-05 5/
BETHGE, P. O.	Spuren von Insecticiden aus Wasser an	7 02 22
	Polyathylen),	BHATTACHARYA, A. N.
Determination of Organic Acids of Low Rela-	W74-00259 7-01 5A	Utilization of Different Levels of Poultry Litte
tive Molecular Mass (C-1 to C-4) in Dilute	0.000.000	Nitrogen by Sheep,
Aqueous Solution,	BEYERS, R. J.	
W74-12929 7-24 5A	NTA and Mercury in Artificial Stream	W74-00401 7-01 50
	Systems.	BHATTACHARYA, N. C.
BETHLAHMY, N.		Ascorbic Acid and Heterocyst Development is
Estimating the Land Slope of Mountain	W74-10538 7-20 5B	
Watersheds,	REVDOM S C	the Blue-Green Alga Anabaena Ambigua, W74-05052 7-10 50
W74-01715 7-04 2A	BEYROM, S. G.	W74-05052 7-10 50
	Problems of Hydrogeologic Investigations in	BUATTACHADYVA B C
Water Yield, Annual peaks and Exposure in	the Eastern Part of the USSR in 1971-75	BHATTACHARYYA, B. C.
Mountainous Terrain,	(Zadachi gidrogeologicheskikh issledovaniy na	The Spectrophotometry and Solvent-Extractio
W74-07165 7-14 2A	Vostoke SSSR na 1971-1975 gg),	Behaviour of Iron(III), Vanadium(IV and V
714 21	W74-09647 7-18 4B	and Titanium(IV) Chelates of 1-(o-Carbox
BETTANDORFF, J. M.		yphenyl)-3-Hydroxy-3-Methyltriazene,
Water for Industrial Development in Calhoun,	BEZEMER, C.	W74-05471 7-11 5/
Chickasaw, Choctaw, Grenada, Montgomery,	Filtration Behavior of Circulating Drilling	
	Fluids,	BHATTACHARYYA, G. S.
Webster, and Yalobusha Counties, Mississippi,	W74-04141 7-08 8B	The Characteristics of the Raw Waters of
W74-05525 7-11 3E	7-04141 /-08 8B	Hasdeo River and Dhengur Nala at Korba (M
BET7 V	BEZUR, L.	P.),
BETZ, V.		W74-01240 7-03 5
Investigation of Volatile Organic Micropollu-	Determination of Mercury in Water by the	
tants in Air and Water Using Low-Temperature	Flameless Atomic Absorption Method (Higany	BHATTI, S. A.
Capillary GC-MS,	meghatarozasa vizben lang nelkuli atomab-	Analysis of Pumping Well Near a Stream,
W74-11863 7-22 5A	szorpcios modszerrel),	W74-12531 7-23 4
	W74-10819 7-20 5A	

The Seasonal Cycle of Copper Concentration in
Busycon canaliculatum L,
W74-11384

7-21 5C

BHAGWAT, A.
Oxidation of Organic Matter in Sediments,
W74-06528

7-13 5C

BETZER, S. B.

BHAUMIK, G.
Network Flow Modeling of Multireservoir Distribution Systems,
W74-09952 7-19 4A

BHOLE, A. G.

			3	
BH	OI	E.	A.	G.

Berry Seed Shell as Filter Media,

W74-13328 7-24 5D

BHUIYAN, S. I.

Dynamic Simulation of Automated Subsurface Irrigation Systems, W74-08931 7-17 3F

BHUYAN, D.

Studies on the Microbiological Characteristics of Waters Used by Defence Services in Assam, W74-12965 7-24 5F

BIANCHI, A.

A Critical Study of Methods in Numerical Taxonomy: The Classification of Aquatic Bacteria, (In French), W74-13487 7-24 5C

BIANCHI, R. A.

Floatage Collecting Apparatus and Method, W74-10587 7-20 5G

BIANCHI, W. C.

The City of Fresno's Leaky Acres Ground-Water Recharge Project-Construction and Performance, W74-06358 7-12 4B

Ground-Water Recharge for Urban Use: Leaky Acres Project,

W74-02468 7-05 4B

RIBLE, J. L.

An Analysis of the Zooplankton Community in an Acid Polluted Reservoir,
W74-03938 7-08 5C

BIBRON, R.

Extra-Terrestrial Mn-53 in Antarctic Ice,
W74-05991 7-12 2C

BICHAUT, N.

Influence of Environmental Moisture Conditions on the Phenol Compound Amount in Calluna Vulgars L.,
W74-04487 7-09 21

BICK, H.

Ciliated Protozoa. An Illustrated Guide to the Species Used as Biological Indicators in Freshwater Biology, W74-02236 7-05 21

Population Dynamics of Protozoa Associated with the Decay of Organic Materials in Fresh

Water, W74-07541 7-14 5C

Self-Purification and Ciliate Colonization in Acid Environment (Model Experiment), (Selbstreinigung und Ciliatenbesiedlung in saurem Milieu (Modellversuche),
W74-06020 7-12 5C

BIELBY, D. G.

Nitrate Content of Percolates from Manured Lysimeters,
W74-00417 7-01 5B

BIELBY, G. H.

The Effect of China-Clay Wastes on Stream Invertebrates, W74-01527 7-03 5C

BIELORAI, H.

Estimation Procedures for Response Functions of Crops to Soil Water Content and Salinity, W74-05678 7-11 3F

BIER, D. M.

Versatile Computer Generated Variable Accelerating Voltage Circuit for Magnetically Scanned Mass Spectrometers. Use for Assays in the Picogram Range and for Assays of Stable Isotope Tracers,

W74-01335 7-03 2K

BIERMAN, V. J. JR.

Multi-Nutrient Dynamic Models of Algal Growth and Species Competition in Eutrophic Lakes, W74-06568 7-13 5C

BIESIADKA, E.

Changes in Fauna of Water Mites (Hydracarina) of Kierskie Lake, (In Polish), W74-00078 7-01 5C

BIGBEE, P. D.

Fluctuations in Nitrate Concentrations Utilized as an Assessment of Agricultural Contamination to an Aquifer of a Semiarid Climatic Region.

W74-00850 7-02 51

Pollution Studies of the Regional Ogallala Aquifer at Portales, New Mexico, W74-09596 7-18 SB

BIGGAR, J. W.

Flood and Seepage Water Sampling Techniques in Rice Fields Under Different Water Management Practices,
W74-08090 7-15 5B

Nitrogen Transformation in Soil During Leaching: II. Steady State Nitrification and Nitrate Reduction, W74-07620 7-15 5B

Nitrogen Transformations in Soil During Leaching: I. Theoretical Considerations, W74.07619 7.15 SR

Nitrogen Transformations in Soil During Leaching: III. Nitrate Reduction in Soil Columns, W74-07621 7-15 5B

Soil Water Content: Microwave Oven Method, W74-10206 7-19 2G

BIGGLEY, W. H.

Species of Oceanic Dinoflagellates in the Genera Dissodinium and Pyrocystis: Interclonal and Interspecific Comparisons of the Color and Photon Yield of Bioluminescence, W74-04883 7-10 5B

BIGGS, R.

Effect of Spoil Disposal on Benthic Invertebrates, W74-01420 7-03 5C

BIGGS, R. B.

A Mass Balance Model of Trace Metals in Several Delaware Watersheds, W74-02443 7-05 5B

BIGGS, W. R.

The Vanadium and Selected Metal Contents of Some Ascidians, W74-11353 7-21 5A

BIGLIOCCA, C.

Radiotracer Technique for the Study in Vivo of the Biological Pathway of Heavy Metals in Aquatic Organisms, W74-02025 7-04 5C

BIGNELL, R. D.

An Additional Location of Metalliferous Sediments in the Red Sea,
W74-05554 7-11 2J

BIJKER, E. W.

Littoral Drift as Function of Waves and Current,
W74-04623 7-09 2J

Transport Patterns in the Chao Phya Estuary, W74-03693 7-07 2L

BIKBULATOVA, YE. M.

Organic Matter in Water of the Volga River and its Reservoirs in June 1966 and July 1969 (Organicheskoye veshchestovo v vode Volgi i yeye vodokhranilishch v iyune 1966 g. i iyule 1969 g.), 7-04 5B

BILINSKI, E. AND

Effects of Cadmium and Copper on the Oxidation of Lactate by Rainbow Trout (Salmo gairdnert) Gills, W74-04780 7-09 5C

BILLEN, G.

A Bacterial Methylmercury-Mineralizing Activity in River Sediments,
W74-09092 7-17 5B

BILLINGHURST, R. G.

Pyridine Ketoximes as Analytical Reagents: The Spectrophotometric Determination of Cobalt with 2-Pyridyl-2-Thienyl-Beta-Ketoxime, W74-02364 7-05 5A

BILLINGS, G. K.

Geochemical Hydrology of the Baton Rouge Aquifers, W74-03335 7-07 4B

The Significance of Ion Exchange to Interstitial Solutions in Clayey Sediments,
W74-04268 7-08 2K

BILLINGSLEY, F. C.

Computer Techniques Used for Some Enhancements of ERTS Images, W74-06653 7-13 7C

Preliminary Geologic Investigations in the Colorado Plateau Using Enhanced ERTS Images, W74-01708 7-04 7C

BILLINGTON, R. H.

Aspects of Monitoring and Control of Water Quality,
W74-12117 7-23 5A

BILLS, D. D.

Accumulation of Dietary Polychlorinated Biphenyls (Aroclor 1254) by Rainbow Trout (Salmo Gairdneri), W74-13321 7-24 5C

BILLUPS, N. B.

Collection, Detection, Identification, and Quantitation of Human Effluents, W74-07912 7-15 5A

BILOZOR, W.

Single-Velocity Method in Measuring Discharge, W74-01161 7-03 2C

tribution to Stream Flow as Related to the Concept of Partial Area Contributions,

BILTON, H. T. Effects of Starvation and Subsequent Feeding on Survival and Growth of Fulton Channel	BIRMAN, B. A. Some Principles of Objective Control of Marine Meteorological Information,	Physical-Chemical Nitrogen Removal from Mu- nicipal Wastewater, W74-06355 7-12 5D
Sockeye Salmon Fry (Oncorhynchus nerka),	W74-06731 7-13 2B	
W74-06119 7-12 8I	BIROS, F. J.	Physical-Chemical Treatment of Raw Mu- nicipal Wastewater,
BINDEMAN, N. N.	Oxychlordane Residues in Human Adipose Tis- sue,	W74-06509 7-13 5D
Fresh Groundwater Yield in the USSR and Prospects for its Use (Ob ekspluatatsionnykh	W74-04872 7-10 5A	BISHOP, E. Differential Electrolytic Potentiometry with
resursakh presnykh podzemnykh vod SSSR i perspektivakh ikh ispol'zovaniya),	BIRYUKOV, V. N. Characteristic Use of Genetic Principles in the	Periodic Polarisation. Part XXI. Introduction and Instrumentation,
W74-01965 7-04 4B	Classification of North Kazakhstan Forests on	W74-03859 7-08 5A
BINDER, A.	the Ancient Crusts of Wheathering and on Quaternary Deposits, (In Russian),	Differential Electrolytic Potentiometry with
Concerning Large-Scale Cultivation of Thermo- philic Cosmopolitan Mastigocladus Laminousus	W74-08182 7-16 2I	Periodic Polarisation. Part XXII. Symmetrical Periodic Current Differential Electrolytic
Cohn (Cyanophyta) in Icelandic Hot Springs,	BISCAYE, P. E.	Potentiometry in Oxidation - Reduction
W74-04486 7-09 21	Eolian Origin of Mica in Hawaiian Soils, W74-05136 7-10 2G	Titrimetry, W74-03860 7-08 5A
BINDER, K.		
Comparison of the Effects of Fluoride Drinking Water on Caries Frequency and Mottled	Strontium Isotope Composition and Sediment Transport in the Rio de la Plata Estuary,	Mass and Charge Transfer Kinetics and Cou- lometric Current Efficiencies. Part VII. Condi-
Enamel in Three Similar Regions of Austria	W74-07240 7-14 2L	tional Potentials, and Single-Scan Voltammetry
Over A 10-Year Period,	BISCOE, P. V.	of Pure Vanadium(V) - Vanadium(IV) Systems in Various Media at Platinum Elec trodes Pre-
W74-13398 7-24 5F	The Diffusion Resistance and Water Status of Leaves of Beta vulgaris,	Treated By Five Methods,
BINGHAM, D. L.	W74-01734 7-04 3F	W74-07557 7-14 2K
Water-Level Declines and Ground-Water Quality, Upper Black Squirrel Creek Basin,	BISHAI, H. M.	Mass and Charge Transfer Kinetics and Cou-
Colorado,	Experimental Studies on Feeding the Common	lometric Current Efficiencies. Part VIII. Single- Scan Voltammetry of Vanadium(V) - Vanadi-
W74-03808 7-08 4B	Carp Cyprinus Carpio L. In Egypt, W74-01100 7-02 8I	um(IV) in the Presence of Chromium, Man-
BINGHAM, E.		ganese and Iron, and the Kinetic Parameters of
Aerosols of Lead, Nickel, and Cadmium, W74-11716 7-22 5A	BISHARA, N. F. Further Studies on the Hydrography and	the Vanadium System, at Platinum Electrodes Pre-Treated by Five Methods,
	Chemistry of Lake Manzalah,	W74-07558 7-14 5A
BINGHAM, F. T. Growth, Mineral Composition, and Seed Oil of	W74-02096 7-04 2H	Potentiostatic Coulometric Determination of
Sesame (Sesamum indicum L.) as Affected by	BISHOP, A. B. Activity Analysis and the Management of	Vanadium, Vanadium-Manganese and Vanadi- um-Iron Mixtures and the Influence of Chromi-
Boron and Exchangeable Sodium, W74-11278 7-21 3C	Resources: A Model for Control of Eutrophica-	um on the Process,
	tion, W74-06574 7-13 5C	W74-08674 7-16 5A
Growth, Mineral Composition, and Seed Oil of Sesame (Sesamum Indicum L.) as Affected by		BISHOP, H. F.
NaCl,	Analysis of Water Reuse Alternatives in an In- tegrated Urban and Agricultural Area,	Master Planning Methodology for Urban Drainage,
W74-08816 7-17 3C	W74-08510 7-16 5D	W74-05834 7-11 6A
Long-Term Effects of Irrigation-Salinity	The Concept of Carrying Capacity,	BISHOP, H. K.
Management on a Valencia Orange Orchard, W74-10420 7-20 3C	W74-12469 7-23 6B	Membrane Regeneration for Wastewater Recla- mation Using Reverse Osmosis,
	Evaluating Water Reuse Alternatives in Water	W74-09554 7-18 5D
Salt Tolerance of Mexican Wheat: I. Effect of NO3 and NaCl on Mineral Nutrition, Growth,	Resources Planning, W74-08940 7-17 5D	BISHOP, J. N.
and Grain Production of Four Wheats,	Social, Economic, Environmental, and Techni-	Analytical Methodology for Mercury-Discus-
W74-10328 7-19 3C	cal Factors Influencing Water Reuse,	sion Paper, W74-06793 7-13 5A
BIRCH, B. J.	W74-04317 7-09 5D	BISHOP, J. W.
Surfactant-Selective Electrodes. Part I. An Im- proved Liquid Ion-Exchanger,	BISHOP, D. F.	Ctenophores of the Chesapeake Bay,
W74-05474 7-11 5A	Activated Sludge Treatment Systems with Ox- ygen,	W74-00906 7-02 2L
BIRD, E. C. F.	W74-06839 7-13 5D	BISHOP, W. M.
Mangroves and Coastal Morphology in Cairns	Alum Addition to Activated Sludge with Tertia-	Engineering Design Criteria for Spray Irriga- tion.
Bay, North Queensland, W74-13034 7-24 2L	ry Solids Removal, W74-00837 7-02 5D	W74-03521 7-07 5D
		BISIACH, M.
BIRGE, W. J. Sensitivity of Vertebrate Embryos to Heavy	Ammonia-Nitrogen Removal by Breakpoint Chlorination,	Preliminary Laboratory Tests for the Control
Metals as a Criterion of Water Quality,	W74-06838 7-13 5D	of Algae in Rice Fields (In Italian), W74-05357 7-10 50
W74-03206 7-07 5C	Hydrogen Peroxide Cures Filamentous Growth	BISQUE, R. E.
Sensitivity of Vertebrate Embryos to Heavy	in Activated Sludge, W74-07253 7-14 5D	Distribution of Mercury in Residual Soils,
Metals as a Criterion of Water Quality-Phase I, W74-07715 7-15 5C		W74-06797 7-13 5E
	Laboratory Ozonation of Muncipal Waste- waters,	BISSELL, V. C.
BIRGER, T. I.	W74-06840 7-13 SD	The Determination of Zones of Intense Con-

W74-06840

Nitrogen Removal by Ammonia Stripping, W74-06842 7-13 5D

Study of Metabolic Regulations Between Cyanophyceae and Fish (In Russian), W74-05327 7-10 5C

7-13 5D

W74-10904

BISWAS, A. K.

BISWAS, A. K. Socio-Economic Considerations in V		BJORNSSON, S. Exploration of the Reykianes The	ermal Brine	BLACKBURN, M. Regressions Between Biological Oceanographic
Resources Planning, W74-03745 7-07	6B	Area, W74-09039	7-17 2K	Measurements in the Eastern Tropical Pacific and Their Significance to Ecological Efficien
BISWAS, E. R. I.		A Program for the Exploration of	High Tem-	cy, W74-03559 7-07 5E
Changes in the Heterotrophic Bacteria of	Volta	perature Areas in Iceland,		
Lake, 1968-1971,		W74-08981	7-17 2F	BLACKMAN, R. A. A.
W74-08434 7-16	5C	BLACK, A. L.		Effects of Red Mud on Marine Animals,
NOWELL II II		Crop Residue, Soil Water, and S	oil Fertility	W74-05325 7-10 50
BISWELL, H. H.		Related to Spring Wheat Production		BLACKMER, A.
Prescribed Fire Effects on Water Repelle Infiltration and Retention in Mixed-Co		ty After Fallow,	ano Quan	Heavy Manure Applications: Benefit or Waste,
	onner	W74-11264	7-21 3F	W74-09698 7-18 5I
Litter, Duff and Soil, W74-02442 7-05	4C			7.10 3.
W /4-02442 /-03	40	Saline-Seep Development in Dryla	nd Soils of	BLACKSTONE, J. H. JR.
BITO, M.		Northeastern Montana,		Concepts of Externalities and Social Costs,
Free Proline and Water Deficit in Plant	t Tis-	W74-08300	7-16 3C	W74-03908 7-08 61
sues, (in Russian),		BLACK A O		NI AGENTE DED D G
W74-11192 7-2	1 2I	BLACK, A. O. Disclosure of Unlawful Oil Dischar	on Provides	BLACKWELDER, B. C.
			ge Provides	Vertical Distribution of Epiphytic Algae of
BITTEL, R.		Immunity from Prosecution, W74-03989	7-08 5G	Spartina alterniflora from Transects Along th
Use of Neritic Trophodynamic Chain of		W 74-03989	7-08 30	Cooper and Wando Rivers,
luscs for the Study of the Transfer of Me		BLACK, A. P.		W74-09381 7-18 21
	haine	Corrosion Control in Water Wells,		BLACKWELL, J.
Trophodynamique De Type Neritique A		W74-00952	7-02 5F	The Response of a Glasshouse to High Sola
lusques Pour L'etude Des Transferts Des	s Pol-			Radiation and Ambient Temperature,
luants Metalliques),		BLACK, J. L.		W74-13347 7-24 2
W74-11287 7-21	5C	Radiation and Scattering of Water		
DIFFERENCE DA SU		Rigid Bodies: Part 2. Vertical Cylin	ders of Cir-	BLAGOVEROV, B. G.
BITTINGER, M. W.		cular Cross-Section,		Procedural Problems in Projected Planning of
Interstate and International Aquifers,	· (F	W74-11787	7-22 8B	Water Consumption and Diversion by Industr
W74-08276 7-16	6 6E	BLACK, J. R.		in the USSR (Metodicheskiye voprosy raschet
Management and Administration of G	round	Implications of State Environmen	tal Lagiela-	vodopotrebleniya i vodootvedeniya v pro
Water in Interstate Aquifers, Phase II,		tion on Livestock Waste Manageme		myshlennosti SSSR na perspektivu),
	0 4B	W74-09670	7-18 5G	W74-08710 7-17 3
		11 74 05010	7-10 50	DI LCOUPENCHENSKIN N D
BITTON, G.		BLACK, R.		BLAGOVESHCHENSKIY, V. P.
Phosphate Removal by Magnetic Filtration	n,	Growth Rates of Intertidal Molluso	s as Indica-	Distances of Flowage of Snow Avalanches i the Central and Western Caucasus (Dal'nos
W74-08789 7-17	7 5D	tors of Effects of Unexpected Incid	dents of Pol-	vybrosa snezhnykh lavin na Tsentral'nom
		lution,		Zapadnom Kavkaze),
BIUNNO, C.		W74-01434	7-03 5C	W74-06451 7-12 20
Wetland Fill-Restrictions Do Not Constit		BLACK D.F.		712 2
Compensable 'Taking' Within the Meani	ing of	BLACK, R. F. Growth of Patterned Ground in Vi	atomia I and	BLAGOVIDOVA, L. A.
the Fifth Amendment,		Antarctica,	ctoria Land,	Effect of Environmental Factors on Lak
W74-02503 7-05	5 4A	W74-04367	7-09 2C	Zoobenthos in the Southern Part of Wester
BIXBY, H. L. JR.		W 74-04307	7-03 20	Siberia (In Russian),
Storms Causing Harbor and Shoreline Da	amage	Origin, Composition, and Structure	of Perenni-	W74-09120 7-17 5
Through Wind and Waves Near Mon		ally Frozen Ground and Ground Ice	: A Review,	Dr. LED D
California,	,,	W74-04366	7-09 2C	BLAIR, B.
	98 2J			Phenology Satellite Experiment,
,,,		Wetland Geology,		W74-01682 7-04 4.
BIZZELL, R. M.		W74-08161	7-16 2L	BLAIR. W.
The Results of an Agricultural Analysis		BLACK, R. J.		Biodegradation of Phenylmercuric Acetate b
ERTS-1 MSS Data at the Johnson	Space	A Multichannel Syringe Pump for	Steady State	Mercury-Resistant Bacteria,
Center,		Flow in Soil Columns,		W74-01555 7-03 5
W74-01686 7-0	4 3F	W74-07028	7-13 2G	7.00
BIZZIGOTTI, P. J.				BLAIS, R. N.
System for Survellance of Ocean Dumpin		BLACK, S. W.		Remote Detection of Aerosol Pollution b
	-	South Dakota Standards for Consti	ruction of Ir-	ERTS,
W74-03021 7-06	6 5G	rigation Wells in Shallow Unconse	olidated Gla-	W74-02575 7-05 7
BJORK, C. D.		cial Sediments,		BI AIGE C B
Effect of Anhydrous Ammonia on a C	entral	W74-07896	7-15 8A	BLAISE, C. R.
Texas Pond, and a Review of Pro		South Dakota Standards for Irrig	ation Pumps	Bacteriological Surveys, Charlotte County
Research with Ammonia in Fisheries Ma		and Power Units,	acton rumps	New Brunswick, Shellfish Area N.B. 13, 1973, W74-10786 7-20 5
ment,		W74-07895	7-15 8C	W74-10786 7-20 5
	4 5C	11 1 1 1 1 1 1 1 1	7-13 30	Bacteriological Surveys, Charlotte County
		BLACK, T. A.		New Brunswick, Shellfish Area N.B. 14, 1973.
BJORK, S.		A Study of Evapotranspiration fro		W74-10787 7-20 5
	Gets	Fir Forest Using the Energy I	Balance Ap-	
Swedish Lake Restoration Program				
Results,		proach,		Bacteriological Surveys, Charlotte Count
Results,	3 5G		7-06 2D	New Brunswick, Shellfish Areas N.B. 9, 10, 1
Results,		proach,		

Gentamicin Blood Agar Used as a General-Pur-pose Selective Medium, W74-00657 7-02 5A

7-20 5C

Lipolytic Bacteria in the Ottawa River,
7-06 5A

tive Aspects, W74-13495

Algal Assays of Archipelago Waters: Quantita-

7-24 5C

BLAKE, G.	Vertical Entrainment into the Epilimnia of Stratified Lakes,	BLERSCH, H. C. Optimum Design Period for Water Pollution
Water Recharge in a Soil with Shrinkage Cracks.	W74-10803 7-20 5C	Control Plants.
W74-00602 7-02 2G		W74-02222
BLAKE, G. R.	BLANTON, W. C. Hulah Dam Emergency Bulkhead Prototype	BLETNER, J. K.
Mineral Nitrogen Movement into Subsoils Fol-	Closure Tests,	The Effect of Feeding Laying Hens Various
lowing Continued Annual Fertilization for	W74-09205 7-17 8C	Levels of Cow Manure on the Pigmentation of
Corn,	BI ANTON W.C.	Egg Yolks,
W74-06898 7-13 5B	BLANTON, W. G. Some Acute Effects of Low-Boiling Petroleum	W74-00407 5C
BLAKE, L. S.	Fractions on the Cellular Structure of Fish Gills	BLEUER, N. K.
Computers in Structural Design,	Under Field Conditions,	Strontium and Other Notable Chemical Con-
W74-12123 7-2 3 8A	W74-08637 7-16 5C	stituents of Well-Water of Allen County, Indi-
BLAKELEY, ST. J. H.	BLARDINELLI, A. J.	ana, W74-07400 7-14 2K
Improvements in the Manganese Dioxide Col-	New Membrane Compositions for Desalination	W 14-0/400
lection of Trace Lead and Bismuth in Nickel,	of Water by Reverse Osmosis,	BLINDE, A.
W74-00281 7-01 2K	W74-00158 7-01 3A	Flow Laws for Pseudoplastic Injection Fluids (Clay Suspensions) in Gravel,
BLAKELY, C. P.	BLASS, W.	W74-12839 7-24 2F
Instrumentation for Water Pollution Monitor-	A Solvent-Saving Extraction-Evaporation Ap-	
ing,	paratus Developed for Residue Analysis of	BLITZ, E.
W74-03640 7-07 5D	Pesticides, W74-06089 7-12 5A	Checking the Size of Sewerage Infiltration and Leaks Occurring Under Operating Conditions,
BLAKESLEE, P. A.	W 74-00089 7-12 3A	(Verificarea marimii infiltratiilor si exfiltratillor
Monitoring Considerations for Municipal	BLASSINGAME, W.	din canalizari in timpul exploatarii),
Wastewater Effluent and Sludge Application to	Jack and the Dragline,	W74-09493 7-18 5D
the Land, W74-05984 7-12 5D	W74-05804 7-11 2L	BLOCK, R. M.
W 74-03364 7-12 3D	BLAYLOCK, B. G.	Effects of Acute Cold Shock on the Channel
BLAKEY, J. F.	Chromosome Aberrations in Chironomus	Catfish, Ictalurus Punctatus,
A Network for Continuous Monitoring of	Riparius developing in Different Concentra-	W74-10785 7-20 5C
Water Quality in the Trinity River Basin, Texas,	tions of Tritiated Water, W74-07820 7-15 5C	BLODGET, H. W.
W74-11995 7-22 5B	174-07020	A Comparison of Gemini and ERTS Imagery
	Ecology of Toxic Metals,	Obtained over Southern Morocco,
BLANC, F. C. Leachate Treatment by Coagulation and	W74-12024 7-23 5B	W74-01694 7C
Precipitation,	Ecology of Toxic Metals,	BLOMEKE, J. O.
W74-08091 7-15 5D	W74-12908 7-24 5B	Commercial High-Level Waste Projections,
NAME OF THE PARTY	Transfer of Mercury and Cadmium from Ter-	W74-10113 7-19, 5G
BLANCH, H. W. The kinetics of Yeast Growth on Pure	restrial to Aquatic Ecosystems,	Projections of Radioactive Wastes to be
Hydrocarbons,	W74-11703 7-22 5B	Generated by the U.S. Nuclear Power Industry.
W74-05493 7-11 5B	BI A ZIVONICHINI A I	W74-11962 7-22 5G
DI ANCHAD D W	BLAZHCHISHIN, A. I. Supply of Terrigenous Material to the Baltic	BLONDEL, D. Idaznayme
BLANCHAR, R. W. Determination of the Rate of Tripoly- and	Sea (Pitaniye Baltiyskogo morya terrigennym	Contribution to the Knowledge of Mineral
Pyro-Phosphate Hydrolysis in Sediments,	materialom),	Nitrogen Dynamics in a Grey Ferruginous Soil
W74-05542 7-11 5A	W74-07501 7-14 2J	at Nioro-Du-Rip (Senegal), (In French),
Distribution and Chemistry of Phosphorus in an	BLEAK, A. T.	W74-00062 7-01 3F
Albaqualf Soil After 82 Years of Phosphate	Differential Tolerance of Some Arid-Range	BLONG, R. J.
Fertilization,	Wheatgrasses to Snow Mold,	A Numerical Classification of Selected Land-
W74-07532 7-14 5B	W74-05927 7-11 2I	slides of the Debris Slide-Avalanche-Flow
BLANCHARD, H. A.	BLECKER, H. G.	Type, W74-04591 7-09 2J
State-County Interagency Procedures for Im-	Capital and Operating Costs of Pollution Con-	W 14-04351
posing Environmental Quality Controls on	trol Equipment Modules, Volume I, USER	BLOODGOOD, D. E.
Water-Oriented Development Activities,	GUIDE, W74-00307 7-01 5G	Computer-Assisted Activated Sludge Plant
W74-12751 7-24 5G	W/4-0030/ /-01 3G	Operation, W74-04119 7-08 5D
BLANK, D.	Capital and Operating Costs of Pollution Con-	1770713
A Computer Atlas of Hydrologic and	trol Equipment Modules, Volume II, DATA	BLOOM, S. C.
Geomorphologic Data for Small Watersheds in	MANUAL, W74-00308 7-01 5G	Heat - A Growing Water Pollution Problem, W74-04668 7-09 5B
Indiana, W74-07432 7-14 2A	W/4-00300	PLOCATE P P (4.0.48)
	BLEFFERT, G. W.	BLOOMER, D. R.
BLANQUET, R. S.	A New Benzene-Ethanol-Water Solvent	A Hydrographic Investigation of Winyah Bay,
Temperature Acclimation in the Medusa, Chrysaora quinquecirrha,	System for TLC Separation of Aflatoxins, W74-05436 7-11 5A	South Carolina and the Adjacent Coastal Waters.
W74-04660 7-09 5C		W74-05505 7-11 2L
	BLEISTEIN, D. M.	Story of any
BLANTON, J. O. Some Characteristics of Nearshore Currents	Investigations of Marine Processes and Coastal Landforms Near Crescent City, California.	BLOOMFIELD, H. V. L. Paper's Pollution Problems.
Along the North Shore of Lake Ontario,	Volume I. Technical Discussion,	W74-05817 7-11 5B
W74-11898 7-22 2H	W74-02697 7-06 2E	(Nate
Some Comparisons in the Thermal Structure of	BLENCH, T.	BLOOMFIELD, J. A. Aquatic Modeling in the Eastern Deciduous
Some Comparisons in the Thermal Structure of Lakes Wood, Kalamalka, Okanagan, Skaha,	Regime Problems of Rivers Formed in Sedi-	Forest Biome, U.SInternational Biological
and Osoyoos, British Columbia,	ment,	Program,
W74-00769 7-02 2H	W74-03789 7-08 2J	W74-06572 7-13 5C

BLOSSER, R. O.

BLOSSER, R. O. Characterization of Sulfite Pulp and Available Alternative Treatm W74-05278	oing Effluent Method 7-10	ents ds, 5D
Stream Studies of the Effects fluents on Growth and Productio Fish,	n of Salme	Ef- onid
W74-02277 BLOUGH, R. S.	7-05	5C
Floating Apparatus for Liquid Co W74-13253	mposting, 7-24	5D
BLOUNT, C. W. Application of Chelating Ion Exfor Trace Element Analysis of Gples Using X-Ray Fluorescence,	eological S	am-
W74-11364	7-21	5A
BLUM, A. On the Pressure Chamber Techn mating Leaf Water Potential in Se	nique for lorghum,	
W74-09730	/-18	31
BLUMBERG, F. M. Development of Criteria for Eve River Settings for Tourism-Recre	ation Use,	
W74-12866	7-24	6E
BLUME, E. M. Heavy Elements in Surface Ma mination by Alpha Particle Scatte	terials: D	eter
W74-09770	7-18	5A
BLUMENTHAL, D. L. The Urban Plume of St. Louis, W74-10964	7-21	5E
BLUMER, M.		
Alkanes and Alkenes in Marine E W74-11951	Penthic Ala 7-22	sae,
The Environmental Fate of S	tranded C	rude
Oil, W74-00049	7-01	5 E
 A Small Oil Spill, W74-05578 	7-11	5 E
BLUMSACK, S. L.	_	
The Transverse Circulation Near W74-01206	7-03	21
BLUNDELL, K. D. Effluent Fibre Recovery Wa Method to Analyse and Tackle th W74-05257		s,
Effluent - Fibre Recovery - V	Water Sav	ings
Effluent - Fibre Recovery - V Case History of a Recent Plant I W74-07395	nstallation 7-14	51
BLYDENSTEIN, J. Climate and Grasslands in Sout	h America	, (I
Spanish), W74-01781	7-04	21
BLYTH, K.		
A Stream Length Study, W74-00380	7-01	21

BLOSSER, R. O.	
BLOSSER, R. O.	
Characterization of Sulfite	
and Available Alternative Tr W74-05278	eatment Methods, 7-10 5D
Laboratory and Control	led Experimental
Stream Studies of the Eff	ects of Kraft Ef-
fluents on Growth and Prod	uction of Salmonid
Fish,	
W74-02277	7-05 5C
BLOUGH, R. S.	
Floating Apparatus for Liqui	
W74-13253	7-24 5D
BLOUNT, C. W.	
Application of Chelating Io	n Exchange Resins
for Trace Element Analysis	
ples Using X-Ray Fluoresce	
W74-11364	7-21 5A
BLUM, A.	
On the Pressure Chamber	Technique for Esti-
mating Leaf Water Potential	
W74-09730	7-18 3F
BLUMBERG, F. M.	
Development of Criteria for	r Evaluating Urban
River Settings for Tourism-I	
W74-12866	7-24 6B
DI HAR E M	
BLUME, E. M. Heavy Elements in Surface	Materials: Deter-
mination by Alpha Particle S	
W74-09770	7-18 5A
BLUMENTHAL, D. L.	
The Urban Plume of St. Lou W74-10964	7-21 5B
W /4-10904	7-21 JB
BLUMER, M.	
Alkanes and Alkenes in Mar	
W74-11951	7-22 5C
The Environmental Fate	of Stranded Crude
Oil,	
W74-00049	7-01 5B
A Small Oil Spill,	
W74-05578	7-11 5B
	,
BLUMSACK, S. L.	
The Transverse Circulation	
W74-01206	7-03 2E
BLUNDELL, K. D.	
Effluent Fibre Recovery	
Method to Analyse and Tac	
W74-05257	7-10 5D
Effluent - Fibre Recovery	- Water Savings;
Case History of a Recent Pl	
W74-07395	7-14 5D
BLYDENSTEIN, J.	
Climate and Grasslands in	South America. (In
Spanish),	, (
W74-01781	7-04 2B
DI VTU K	
BLYTH, K. A Stream Length Study,	
W74-00380	7-01 2E
BLYUMBERG, M. YU.	ofoso Water in A
Hygienic Evaluation of Su Transcarpathian Region, (In	
W74-11171	7-21 5B

BOBALEK, E. G.	BOCK, R. W.
A Predictive Model for Sludge Characterization	Rockfill Dams.
Useful to Design and Control of Sludge De- watering Processes in Water Recycle Systems,	W74-01065 7-02 8A
W74-10528 7-20 5D	BOCKHEIM, J. G. AND Soil Development and Patterned Ground
BOBB, W. H.	Evolution in Beacon Valley Antarctica,
Enlargement of the Chesapeake and Delaware	W74-04372 7-09 2G
Canal, Hydraulic and Mathematical Model In-	BOCKIAN, A. H.
vestigation, W74-05036 7-10 8B	Photochemical Aerosol Formation in the At- mosphere and in an Environmental Chamber,
Houstonbonnel Columnton Boy Towns Bonnet	W74-10955 7-21 5B
Houstonhannel, Galveston Bay, Texas: Report 1Hydraulic and Salinity Verification,	
W74-05531 7-11 8B	BOCKRATH, J. T. Liability of Water Supplier for Damages
BOBBITT, J. M.	Resulting from Furnishing Impure Water,
A Universal Ion-Selective Electrode Based on	W74-09306 7-18 6E
Graphite Paste,	BODECHTEL, J.
W74-06758 7-13 2K	New Aspects on the Tectonic of the Alps and
BOREE B	the Apennines Revealed by ERTS-1 Data,
BOBEE, B. Computer Oriented Approach of a Water Dis-	W74-02564 7-05 7B
tribution System,	BODENHEIMER, R. E.
W74-12142 7-23 4A	Delineation of Major Soil Associations Using
	ERTS-1 Imagery.
Determination of the Confidence Intervals of	W74-01678 7-04 2G
the Pearson III Law Using Order Statistics	
(Determination des intervalles de confiance de	BODINE, B. R.
la loi Pearson III par les statistiques d'ordre),	Hurricane Surge Frequency Estimated for the
W74-06906 7-13 2E	Gulf Coast of Texas, W74-02700 7-06 2L
BOBERFELD, W. O.	W 74-02700 7-00 2E
Yield Determinations in Permanent Pastures at	BODNER, S. S.
Different Locations: Interactions Between Lo-	Summary Evaluation of Candidate Fluid-Bed
cation and Manuring Intensity, (In German),	Solidification Processes for Use in the NWCF,
W74-06251 7-12 3F	W74-09829 7-19 5D
nonno V.I	BODROV, I. K.
BOBRO, V. I. Some Causes of Failure in the Closeness of	Soil Moisture Dynamics and Its Variations in
Correlative Connection Between Tree Species	Soils Under Field Crops (Dinamika vlazhnosti i
Transpiration and Meteorological Factors, (In	stepen' yeye var'irovaniya v pochvakh pod
Russian),	polevymi kul'turami),
W74-04283 7-08 2D	W74-07509 7-14 2G
	BODVARSSON, A.
BOCCKINO, H. G.	Satellite Geological and Geophysical Remote
Process for Removing Chromium from Cooling	Sensing of IcelandPreliminary Results from
Tower Blowdown Streams, W74-12434 7-23 5D	Analysis of MSS Imagery,
W /4-12434 /-23 3D	W74-01699 7-04 2C
BOCH, A. L.	BODVARSSON, G.
Site Investigations for a Bedded-Salt Pilot Plant	An Estimate of the Natural Heat Resources in
in Permian Basin,	a Thermal Area in Iceland,
W74-03249 7-07 5E	W74-09009 7-17 2F
BOCHEVER, F. M.	
Hydrogeological Basis for Protection of	Temperature Transients in Flowing Boreholes,
Groundwater and Water Wells from Pollutants	W74-10677 7-20 2F
(Gidrogeologicheskoye obosnovaniye zashchity	BOEHM, P. D.
podzemnykh vod i vodozaborov ot zagryaz-	Solubilization of Hydrocarbons by the Dis-
neniy),	solved Organic Matter in Sea Water,
W74-00347 7-01 5B	W74-13166 7-24 5D
	BOELTER, D. H.
BOCK, B. R.	Preliminary Results of Water Level Control on
Quality Improvement of Feedlot Lagoon Water	Small Plots in a Peat Bog,
by Percolation Through Soil Under Native Pasture.	W74-00694 7-02 4A
W74-06830 7-13 5D	BORBIOUR B B
7-13 30	BOERICKE, R. R.
BOCK, P.	Hydraulics and Thermal Dispersion in an Ir- regular Estuary,
Hydrological Analyses Using Atmospheric	W74-05828 7-11 5B
Vapor Data,	
W74-12596 7-23 2A	ROFRSMA. I.

Quality Improvement of Fe by Percolation Through			Preliminary Results of Water Level (Small Plots in a Peat Bog,	Contro	l on
Pasture,	Son Onder Na	uve	W74-00694	7-02	4A
W74-06830	7-13	5D	BOERICKE, R. R.		
BOCK, P. Hydrological Analyses	Isina Atmospha	aria	Hydraulics and Thermal Dispersion regular Estuary,	in an	Ir-
Vapor Data,	Jame Aunospii	enc	W74-05828	7-11	5B
W74-12596	7-23	2A	BOERSMA, L.		
BOCK, R. Separation and Gas-Chro mination of Traces of Flu			Experimental Evaluation of Chemic port in Water-Saturated Porous Medi sorbing Media,	a: 1. N	ion-
und gas-chromatographisch		-	W74-12306	7-23	2G
Fluoridspuren),			Heat Budget of Cooling Basins,		
W74-02431	7-05	5A	W74-09922	7-19	5D

BOARD, R. G.

W74-02987

The Microbial Associations Developing on Ex-perimental Trickling Filters Irrigated with Domestic Sewage,

7-06 5A

Integrated Systems for Utilizing Waste Heat	BOGDANOVA, G. I.	BOHN, H. L.
from Steam Electric Plants, W74-09920 7-19 5D	Hydrological and Physicochemical Charac- teristics of the Fish Ponds of Southern Tadzhik	Land Disposal of Waste Gases: 1. Flow Analysis of Gas Injection Systems,
Subsurface Heating and Irrigation of Soils: Its	SSR, (In Russian), W74-12166 7-23 2H	W74-04479 7-09 5E
Effect on Temperature and Water Content and		Nitric Oxide Sorption by Calcareous Soils: II.
on Plant Growth, W74-07054 7-14 2G	BOGDANOVICH, O. I. Rate of Sulfate Reduction in Mud Deposits of	Effect of Moisture on Capacity, Rate, and Sorption Products,
BOES, D. C.	Ponds of the 'Karamet-Niyaz' Fish Farm, (In Russian).	W74-06894 7-13 5B
Expected Range and Adjusted Range of Hydrologic Sequences,	W74-13392 7-24 5C	Penetrability and Hydraulic Conductivity of Dilute Sulfuric Acid Solutions in Selected
W74-09908 7-19 4A	BOGEDAIN, F. O. New York State's View of Land Disposal.	Arizona Soils, W74-08765 7-17 2G
BOESCH, D. F.	W74-11846 7-22 5D	
Classification and Community Structure of Macrobenthos in the Hampton Roads Area.	BOORN B. C.	BOIES, D. B.
Virginia,	BOGEN, D. C. Tritium Intake in New York,	Technical and Economic Evaluation of Cooling System Blowdown Control Techniques,
W74-12727 7-23 5A	W74-02023 7-04 5B	W74-06510 7-13 5D
BOETTCHER, A. J.	BOGGESS, D. H.	BOKINA, A. I.
Evaluation of the Ground-Water Supply at Eight Sites in Glacier National Park,	The Shallow Fresh-Water System of Sanibel	Characteristics of the Action of Distilled
Northwestern Montana,	Island, Lee County, Florida, with Emphasis on	Drimking Water on the State of the Gastroin-
W74-04469 7-09 2F	the Sources and Effects of Saline Water, W74-12071 7-23 2F	testinal Tract, (In Russian), W74-13374 7-24 5C
BOETTGER, T. E.	POCCUP P	POVOMOVI D I
Water Quality Maintenance,	BOGGIE, R. Effect of Water-Table Height on Root	BOKOWSKI, D. L. Liquid Scintillation Counting for Plutonium in
W74-06330 7-12 5G	Development of Pinus contorta on Deep Peat in	Environmental Samples,
BOEVSKA, P.	Scotland, W74-05617 7-11 2I	W74-13325 7-24 5A
Use of Fibrous Materials for Removal of Iron and Iron Compounds From Thermoelectric	W/4-0361/ /-11 21	BOLAND, P.
Power Plant Water and Condensates,	BOGGS, S. JR.	The Influence of Dry Periods at Various Stages
(Izpolzuvane na vlaknest material za ulavyane	Sand-Wave Fields in Taiwan Strait, W74-07175 7-14 2J	of Development: Investigations of the Water Economy in Oats and Millet,
na zhelezo i zhelezni suedineniya ot vodite i kondenzatite na tets),		W74-06243 7-12 3F
W74-02251 7-05 5D	BOGOSLAVSKIY, V. A.	
BOEZI, L. J.	Potential of Geophysical Methods for Studying Fresh-Water Discharges in the Coastal Zones	BOLAND, R. A. JR. Houstonhannel, Galveston Bay, Texas: Report
Device for Automatic Remote Data Collection	of Seas,	1Hydraulic and Salinity Verification,
(DARDC),	W74-12329 7-23 2L	W74-05531 7-11 8B
W74-10256 7-19 7A	BOGOSLOVSKIY, V. A.	BOLCH, W. E.
BOGARDI, I.	Possibilities of Using Geophysical Methods in a	Environmental Surveillance for Radioactivity
Induced Safety Algorithm for Hydrologic Design under Uncertainty,	Study of Freshwater Discharges in Littoral	in the Vicinity of the Crystal River Nuclear
W74-08017 7-15 6A	Zones of Seas (O vozmozhnostyakh geofizicheskikh metodov pri izuchenii razgru-	Power Plant: An Ecological Approach, W74-04173 7-08 5B
BOGATKOV, N. M.	zok presnykh vod v pribrezhnykh zonakh	BOLDWBRY V.
Problems of Hydrogeologic Investigations in	morey),	BOLDYREV, V. L. Developmental History and Present-Day
the Eastern Part of the USSR in 1971-75	W74-00847 7-02 2F	Dynamics of the Chushka Spit,
(Zadachi gidrogeologicheskikh issledovaniy na	BOGUCHWAL, L. A.	W74-04428 7-09 21
Vostoke SSSR na 1971-1975 gg), W74-09647 7-18 4B	Flume Experiments on the Transition from Rip- ples to Lower Flat Bed with Increasing Sand	Submarine Sand Ridges as Indicators of
	Size,	Longshore Migration of Sediments,
BOGATOVA, N. F. The Use of Ice-Forming, Aerosols for Cloud	W74-04063 7-08 2J	W74-04434 7-09 21
Modification and Results of Investigations of	BOGUSZ, F. J.	BOLE, J. B.
New Ice-Forming Reagents,	System for Monitoring Contaminants in	Effects of Moisture Stress at Early Heading
W74-11783 7-22 3B	Liquids,	and of Nitrogen Fertilizer on Three Spring
BOGDANOV, KH. P.	W74-02493 7-05 5A	Wheat Cultivars, W74-07351 7-14 3F
Erodibility of Soils Under Storm Runoff Condi- tions (Erodiruyemost' pochv v usloviyakh liv-	BOGUSZ, M.	7-14 31
nevogo stoka),	The Application of the Thin-Layer Chromato-	BOLER, L. J.
W74-11449 7-21 2J	graphic - Enzyme Inhibition Technique to Or- ganochlorine Insecticides,	Combination Sewage Treatment and Cooling System,
BOGDANOV, N. I.	W74-00461 7-01 5A	W74-02028 7-04 5E
Data on the Hydrobiology of Fish Ponds of	DOMAN I B	Limit America Batas Assembly
Southern Tadzhik SSR, (In Russian), W74-12167 7-23 8I	BOHAN, J. P. Selective Withdrawal From Beech Fork Lake,	Liquid Aerating Rotor Assembly, W74-02042 7-04 5E
Hydrological and Physicochemical Charac-	Beech Fork River, West Virginia, W74-07914 7-15 8B	BOLES, J. H.
teristics of the Fish Ponds of Southern Tadzhik		Anion Responses and Potential Functions for
SSR, (In Russian),	Selective Withdrawal from Man-Made Lakes, W74-08585 7-16 4A	Neutral Carrier Membrane Electrodes,
W74-12166 7-23 2H	7-10 4A	W74-01334 7-03 2K
Microflora and Chemical Composition of the Bottom Deposits of the Kairak-Kum Reservoir,	BOHLEN, W. F. On the Measurement of Turbulence in Estua-	Glass Electrode Responses Interpreted by the Solid State Homogeneous- and Heterogeneous
(In Russian),	ries,	Site Membrane Potential Theory,
W74-02253 7-05 5B	W74-04933 7-10 5B	W74-06095 7-12 2K

BOLITHO, V. BONDURANT, J. A. BOLYSHEV, N. N. ROLITHO, V. Urbanization and the Environment--Engineer-Systems Analysis of Irrigation Water Manage-Effect of the Moisture and Temperature on the ing Implications, Leaching of Ash Elements from Plant Residues ment in Eastern Idaho, W74-02322 7-05 4B W74-11124 (in Russian), W74-08016 7-15 21 BONEH, A. BOLKE, E. L. BOMBARDIERI, C. C. The Kernel Function of Linear Nonstationary The Effects of Restricted Circulation on the Gypsum-Cement Blend Works Well in Per-Salt Balance of Great Salt Lake, Utah, Surface Runoff Systems, mafrost Areas. W74-06435 W74-12302 7-23 2E W74-07884 7-15 8F BONGA, J. M. Ground-water Conditions in Utah, Spring of BOMBERG, M. Arceuthobium pusillum: Moisture Require-1973 Similitude Requirements for Moisture Flow ments for Germination and Radicle Growth, W74-00353 7-01 4B Through the Porous Materials, 7-04 21 BOLLAG, J.-M. 7-24 2G W74-12816 Nitrate and Nitrite Volatilization by Microor-BONHAM, C. D. ganisms in Laboratory Experiments, BOND, C. E. Natural Resource Inventory for Urban 7-01 5G Ecology and Production of Juvenile Spring Planning Utilizing Remote Sensing Techniques, W74-00008 Chinook Salmon, Oncorhynchus Tshawytscha, 7-24 6B BOLLING, N. in a Eutrophic Reservoir, Investigations of an Urban Area and its Locale BONHAM-CARTER, G. W74-12692 7-23 5C Computer Simulation of Shallow-Water Marine Using ERTS-1 Data Supported by U-Photog-BOND, D. C. Sedimentation, raphy. W74-06635 Deduction of Flow Patterns in Variable-Density 7-13 4A W74-03109 7-06 2J Aquifers from Pressure and Water-Level Ob-BOLOGNA, A. servations, BONHOMME, R. Automatic Waste Sludge Sampler, Net Assimilation, Water Use and Microclimate W74-08442 7-16 5A of a Maize Canopy: III. Spectral Composition Underground Storage of Natural Gas in Illinoisof the Light Inside the Crop, (In French), BOLOTINA, O. T. W74-06239 W74-10834 Basic Directions of Scientific Investigations in the Protection of Surface Waters from Pollu-BONING, C. W. ROND E Generalization of Stream Travel Rates and tion (Okhrana poverkhnostnykh vod ot Hydrology Impacts: Part I--Ground Water Dispersion Characteristics from Time-of-Travel (osnovnyve zagrvazneniva naprayleniya Hydrology, Measurements, nauchnykh issledovaniy)), W74-06446 7-12 3B W74-11971 W74-01967 7-04 5B ROND I I Index of Time-of-Travel Studies of the U.S. BOLT, G. H. Coupling Between Transport Processes in an Deep Plowing and Chemical Amendment Ef-Geological Survey, Anisotropic Mixture of Fluids and Solid Partifect on a Sodic Claypan Soil, W74-01874 7-04 2E W74-06598 cles Users Guide for a U.S. Geological Survey W74-12849 7-24 21 Effect of Supplemental Water on Barley and Rainfall-Runoff Model. Coupling Between Transport Processes in Corn Production in a Subhumid Region, W74-11234 7-21 2A W74-08803 7-17 3F Porous Media, BONNER, B. P. W74-12848 7-24 2F BOND, L. A. High-Pressure Mechanical Properties of An Analysis of the Water Quality Problems of Kayenta Sandstone, BOLTER, E. The Lead Industry as a Source of Trace Metals the Safford Valley, Arizona, W74-11662 7-22 8E W74-04976 7-10 5B in the Environment. BONNER, W. P. W74-09208 7-17 5B BOND, T. A. Heavy Metal Removal From Wastewater Treat-BOLTON, F. N. Santee Submergence, Example of Cyclic Subment Plant By Chemical Treatment, Zonal Centrifugation: Applied Aspects in Elumerged and Emerged Sequences, W74-11359 W74-07247 cidating Chemical and Biological Forms, Dis-7-14 2L Separation of Clay Minerals and Soil Clays tribution and Availability of Heavy Metals in Using Isopycnic Zonal Centrifugation, BOND, T. E. the Environment, Waste-Induced Problems of Housed Livestock, 7-19 5A W74-10125 W74-12910 7-24 5B W74-00139 7-01 5G BONNET, C. W. BOLTON, N. E. Ground-Water Data for Harris County, Texas: RONDARENKO, G. N. Trace Element Measurements at the Coal-Fired Raiocarton in Glacial Water of The El'brus Re-Volume II--Records of Wells, 1892-1972, Allen Steam Plant - Progress Report, June 1971 gion (Radiouglerod v lednikovoy vode W74-05527 7-11 4B to January 1973, W74-09833 7-19 5A Priel'brus'va). BONNIER, N. W74-10380 7-20 2K Preliminary Results of Studies About the BOLTON P. S. BONDARENKO, N. F. Plankton of the 'Laguna Setubal' (Santa Fe, The Behaviour of the Wairakei Geothermal Method of Investigation of Nonlinear Filtration Field During Exploitation, Argentina), (In Spanish), Effects (O metodike issledovaniya nelineynykh W74-06238 W74-09025 7-17 4B 7-12 2H

fil'tratsionnykh effektov),

Toxic Metals in Sediments,

Toxic Metals in Lake and River Sediments,

W74-11016

W74-12909

W74-12025

7-13 5B

7-08 5B

BONDIETH, E. A.

BONDIETTI, E. A.

BONURA, M. S.

W74-08340

W74-04044

Definition of Reverse Osmosis Pump Require-

Fabric Boom Concept for Containment and

7-16 8C

7-08 5G

ments for Space Vehicle Requirements,

Collection of Floating Oil,

7-21 7B

7-24 5B

7-23 5A

BOLTON, W. R.

W74-06829

BOLUS, R. L.

W74-04246

Buffer Capacity in Aquatic Ecosystems,

Power Plant on the James River.

The Design of the Monitoring System for the

Thermal Effect Study of the Surry Nuclear

BOOCHS, P. W.	BORDEAUX, A. F. JR.	BORN, S. M.
The Relation Between Soil-Water Diffusivity	Agriculture and PollutionSocio-Economic	Dilutional Pumping at Snake Lake, Wisconsin, W74-04108 7-08 5C
and Water Content, W74-13409 7-24 2G	Aspects, W74-00395 7-01 5G	W /4-04108 /-08 3C
W /4-13409	W 14-00393 7-01 3G	BORNEFF, J.
BOOK, D. L.	BORDEN, F. Y.	Noxious Substances Contained in the Waters:
Nonlinear Development of the Rayleigh-Taylor	Classification of ERTS-1 MSS Data by Canoni-	Their Origin, Bearing, and Their Elimination,
Instability in the 'Shallow-Water' Approxima-	cal Analysis,	(In German),
tion,	W74-06662 7-13 7C	W74-00065 7-01 5B
W74-05034 7-10 2L	The state of the state of Coll Between	BORNMAN, C. H.
BOOKED D B	Identification and Mapping of Coal Refuse	Physioecology of the Umsindusi River within
BOOKER, D. R. Project CUM IIStudies of the Rain Parame-	Banks and Other Targets in the Anthracite Re- gion,	the Pietermaritzburg City Limits,
ters of Randomly Seeded Warm and Cold Cu-	W74-06642 7-13 4A	W74-05363 7-10 5B
muli,	7-15 47	BODNETEIN I
W74-09370 7-18 3B	Investigations of an Urban Area and its Locale	BORNSTEIN, J. Automated Flow-Recording System for Field
	Using ERTS-1 Data Supported by U-Photog-	Drainage Monitoring-Direct Data Compilation
BOOKER, J. R.	raphy,	of Surface and Subsurface Drain Flow,
Embankment Deformations Due to Water	W74-06635 7-13 4A	W74-08267 7-16 4A
Loads, W74-11771 7-22 8B	The Use of the Temporal Dimension in Classi-	
W74-11771 7-22 8B	fying and Mapping ERTS-1 Mss Data,	BORODAVCHENKO, I. I.
BOON, D. D.	W74-06641 7-13 4A	Prospects of Scientific and Technical Coopera- tion Between the USSR and the United States
Iron, Zinc, Magnesium, and Copper Concentra-		in the Use of Water Resources (Perspektivy
tions in Body Meat of the Blue Crab, Cal-	BORGEL, O. R.	nauchno-tekhnicheskogo sotrudnichestva
linectes sapidus,	The Coastal Desert of Chile,	mezhdu SSSR i SShA v oblasti ispol'zovaniya
W74-02409 7-05 5A	W74-06473 7-12 2B	vodnykh resurs ov),
BOON I B III	DODCCTDOM D E	W74-08703 7-17 6E
BOON, J. D. III. An Inexpensive, Fast Response Current Speed	BORGSTROM, R. E. Cost Analysis of Optional Methods of Ship-	POPONICH N. P.
Indicator,	board Domestic Waste Disposal,	BORODICH, N. D. The Biology of Mysids Acclimatized in the
W74-03310 7-07 7B	W74-04115 7-08 5D	Reservoirs of the Volga River,
W/4-03310 /-0/ /B	7-06 3D	W74-06017 7-12 2H
A Time Series from the Beach Environment,	BORISEK, R.	W 74-00017 7-12 211
W74-00017 7-01 2J	Switching from Calcium Bisulfite to Two-Stage	BORODIN, L. F.
	Sodium-Calcium Bisulfite Pulping to Reduce	Microwave Radiation Characteristics of Dry
BOON, TAN HUI	Water Pollution (Znizenie znecistenia odpad-	and Moist Ground Covers,
Disposal of Industrial Trade Effluents from the	nych vod prechodom z Ca-bisulfitoveho	W74-05558 7-11 2C
Food Industries,	varenia na dvojstupnove Na-Ca-bisulfitove),	BORODINA, G. A.
W74-08468 7-16 5D	W74-00789 7-02 5D	Effect of Effluents from Hydrolysis Plant on
BOONKIRD, V. S.	BORISENKO, I. M.	the Survival of Typhoid Fever and Dysentery
Culverts for Flow Measurement in Irrigation	Mineral Waters of Nilovaya Pustyn', Their	Bacteria, (In Russian),
Systems,	Regime and Resources (Mineral'nyye vody	W74-07367 7-14 5C
W74-04131 7-08 4A	Nilovoy Pustyni, ikh rezhim i resursy),	Effect of Hydrolysis Plant Effluents on Fish
	W74-09645 7-18 2K	(Vliyanne na ryb stochnykh vod gidroliznogo
BOOR, U.		zavoda),
New Methods to Dispose of Used Metalwork-	BORKAR, M. D.	W74-03074 7-06 5C
ing Emulsions, (Neue Verfahren Zur Beseitigung Gebraughter Metall-Bearbeitungs-	Distribution of RA-226 in Soil and Water, W74-02057 7-04 5B	
Emulsionen),	W74-02057 7-04 5B	BORODULINA, A. A.
W74-08247 7-16 5D	BORKOWSKI, M.	Water Regime of Sunflower Under Different
	Responses of Gymnodinium Breve Davis to	Conditions of Phosphorus Nutrition, (In Russian),
BOORAM, C. V.	Natural Waters of Diverse Origin,	W74-01227 7-03 3F
Effects of Swine Lagoon Effluent on the Soil	W74-08731 7-17 5C	1 1 3 31
and Plant Tissue,		BORRELLI, J.
W74-00428 7-01 5D	BORKOWSKI, T.	A Method for Integrating Surface and Ground
BOOS, H.	The Application of the Thin-Layer Chromato- graphic - Enzyme Inhibition Technique to Or-	Water Use in Humid Regions,
The Present and Future Situation of Nuclear	ganochlorine Insecticides,	W74-11964 7-22 5F
Energy Production and its Associated Industry-	W74-00461 7-01 5A	BORROWMAN, S. R.
-Normal Operation, Accident Prevention and	W/4-00-01	Solvent Extraction of Nitrate from Titanium
Mitigation, Comparative Risk Assessment,	BORLIN, M.	Leacher Effluent,
W74-11953 7-22 5C	Econometric Model for River Basin Planning,	W74-11763 7-22 5D
	W74-04999 7-10 4A	BORST, R. L.
BOOTH, R. S.	DODALLY D. C.	The Effect of Thinners on the Fabric of Clay
A Systems analysis Methodology for Predicting	BORMAN, R. G. Hydrologic Characteristics of Alder Creek,	Muds and Gels,
Dose to Man From a Radioactively Con- taminated Terrestrial Environment,	Iron County, Wisconsin,	W74-03159 7-06 8G
W74-07809 7-15 5C	W74-04920 7-10 4A	
W 74-07009 7-13 3C	17-10 47	BORTHWICK, P. W.
BORCHARDT, F. A.	BORMANN, F. H.	Accumulation and Movement of Mirex in
Combined Sewer Overflow Abatement Plan,	Acid Rain: A Serious Regional Environmental	Selected Estuaries of South Carolina, 1969-71, W74-06054 7-12 5B
Des Moines, Iowa,	Problem,	# /4-00034 /-12 3B
W74-10194 7-19 5D	W74-09098 7-17 5B	Residues in Fish, Wildlife, and Estuaries,
RODCHARDT I A	BODN 6	W74-13317 7-24 5C
BORCHARDT, J. A. Physicochemical Processes for Water Quality	BORN, S. A State/Local Lake Rehabilitation Program: A	BODTI FROM C. C.
Control,	Proposed Bill and Commentary,	BORTLESON, G. C. Data on Selected Lakes in Washington, Part II,
W74-04546 7-09 5D	W74-03196 7-06 5G	W74-12341 7-23 5A

BORTELSON, G. C. AND		
BORTLESON, G. C. AND Relative Susceptibility of Lakes	to Wa	ter-
Quality Degradation in the South	ern H	ood
Canal Area, Washington,		
W74-04488	7-09	5B
BORTNER, M. H.		
Analysis of the Feasibility of an Exp	perimer	it to
Measure Carbon Monoxide in the At	mosphe	ere,
W74-06917	7-13	5A
BORTON, S. F.		
Checklist of Puget Sound Fishes,		
W74-03060	7-06	2L
BORZDYNSKA, H.		
Diatoms of the Concrete Embankn	ent of	the
Zegrze Lake.		
W74-12528	7-23	2H
BOS, J.		
Interference of Non-Hydrocarbons	in Oi	l-In-
Water Determination.	01	
W74-05462	7-11	5A
BOSCHEN, W. O.		
Waste Water Process Tank Control	Facility	
W74-07216	7-14	
	7-14	30
BOSE, B.		
Hydrological Aspect of Surface Run	-Off,	
W74-07756	7-15	2A
BOSE, E. A.		
Thermal and Base-Catalyzed	Hydro	lysis
Products of the Systemic Fungicide,	Benon	nyl,
W74-01504	7-03	5B
BOSHOFF, P. J.		
The Influence of Drought on the C	ompos	ition
of Maize Silage,		
W74-02089	7-04	3F
BOSJE, J.		
Purifying Plant for Sewage,		
W74-11052	7-21	5D
		-

Annual	Enviro	nmental	Monitoring	Repo	rt -
Rocky	Flats	Plant,	(Colorado),	Jan	uary
Through	Decen	ber, 1972	2,		
W74-098	343			7-19	5A

An Experimental Irradiation Facility for the Sterilization of Sewage Sludge, W74-13442 7-24 5D

An Experimental Irradiation Facility for the Sterilization of Sewage Sludge (Eine Versuchsbestrahlungsanlage Zur Hygienisierung Von Klaerschlamm), W74-08198 7-16 5D

BOSSLER, J. D. That Sinking Feeling, W74-01920 7-04 2F

BOSTANDZHOGLO, A. A. Problems in Distribution of Water Resources in the Arid Zone of the Amudar'ya River Basin (Voprosy raspredeleniya vodnykh resursov v arisnoy zone (na primere Amudar'i)), W74-07192

BOSTER, R. S. Demands on National Forests Require Coordinated Planning, W74-05926 7-11 4A

BOSTON, W. D. A Beef Confinement Building with an Oxidation Ditch, W74-11241 7-21 5D

BOSWELL, E. H. Groundwater Resources of Yellow Creek State Inland Port Area, Tishomingo County, Mississippi. W74-12059 7-23 4B

BOTHAM, L. H. Evaluation and Implementation of Urban Drainage and Flood Control Projects, 7-19 6B

BOTHAR, A. Hydrobiological Investigations in the Danube Section Enclosed Between the 1965 and 1956 River Km (Nagymaros-Megyer Section) (Danubialia Hungarica LVII), W74-12731 7-23 2K

BOTHMA, J. DU P. Short-Term Response in Ungulate Numbers to Rainfall in the Nossob River of the Kalahari Gemsbok National Park, W74-07535 7-14 2I

Errors in Measurement of Flow by Velocity Area Methods. W74-11560

BOTT, T. L. Bacteria and the Assessment of Water Quality, W74-12179 7-23 5A

BOTTOMLEY, A. Uncertainty Analysis in the Economic Evaluation of Irrigation Systems, W74-10321 7-19 3F

BOUCHARD, A. Determination of Mercury After Room Temperature Digestion by Flameless Atomic Absorption. W74-01315 7-03 5A

BOUCHARD, R. W. Cambarus Buntingi, A New Species of Puncticambarus (Decapoda, Astacidae) from Kentucky and Tennessee, W74-06056 7-12 2I

ROUDREAULT, F. R. Towards an Objective Analysis of the Seasonal Thermocline, W74-08691

BOUGES-BOCOUET, B. Limiting Steps in Photosystem II and Water Decomposition in Chlorella and Spinach Chloroplasts, W74-00238 7-01 5C

Characterization of Waste Effluents from a Commercial Pimento Canning Operation, W74-02379 7-05 5A

Composition and Waste Load of Unit Effluents from a Commercial Leafy Greens Canning W74-04904

BOULDIN, D. R. Losses of Inorganic Nitrogen From Aquatic Systems. W74-07426 7-14 5B Surface Runoff Nutrient Losses from Various Land Disposal Systems for Dairy Manure, W74-09702 7-18 5R

BOULDING, K. E. The Economics of Ecology, W74-12460 7-23 6G

BOULGER, J. An Improved Method of Cell Enumeration for Filamentous Algae and Bacteria, W74-01421 7-03 5A

BOUMA, J. A Comparison of Hydraulic Conductivities Calculated with Morphometric and Physical Methods, W74-06899 7-13 2G

Nitrogen Transformations During Subsurface Disposal of Septic Tank Effluent in Sands: II. Ground Water Quality, W74-02148

Nitrogen Transformations During Subsurface Disposal of Septic Tank Effluents in Sands: 1. Soil Transformations, W74-02147 7-04 5B

Soil Mottling and Drainage in a Mollic Hapludalf as Related to Suitability for Septic Tank Construction, W74-10212 7-19 5B

BOURGET, E. Seasonal Aspects of the Fixation of Benthic Epifauna of the Infratittoral Level in the Estuary of the Saint Lawrence River, W74-12521 7-23 2I.

BOURGET, S. J. Interaction of Temperature and Moisture on Iron and Manganese Availability in Soils, W74-10913

BOURKE P. H. Seasonal Variation of the Water Mass along the Oregon-Northern California Coast, W74-09892

BOURODIMOS, E. L. Cross-Spectral Analysis of Rainfall and Runoff for Raritan and Mullica River Basins in New W74-07183 7-14 2A

Seepage Flows--Field Data Measurements for Evaluation of Potential Contribution of Fertilizers to Groundwater Pollution. W74-01054 7-02 5B

BOURODIMOS, E. L. AND Wave Reflection and Transmission in Channels of Variable Section, W74-04614 7-09 8B

BOURQUIN, A. W. Estuarine Microbes and Organochlorine Pesticides (A Brief Review), W74-08634 7-16 5B

BOUVENG, H. O. The Chemical Treatment of Municipal Waste Water (Zur Chemischen Behandlung von Staedtischen Abwassern), W74-08199 Long-Term Stability of Waste Lignins in

Aquatic Systems. W74-03078 7-06 5B

J MOSIE

BOUWER, H. Design and Operation of Land Treatment	BOWEN, A. J. Budget of Littoral Sands in the Vicinity of	BOWIE, A. J. Sediment Yield Estimates Based on Floodwater
Systems for Minimum Contamination of Ground Water,	Point Arguello, California, W74-04221 7-08 2J	Measurements and Samples, W74-03214 7-07 2J
W74-09089 7-17 5D		BOWIE, J. E.
Design and Operation of Land Treatment Systems for Minimum Contamination of	Flume Experiments on Sand Transport by Waves and Currents, W74-04746 7-09 21.	Temperature of Missouri Streams, W74-02885 7-06 2K
Groundwater, W74-03223 7-07 5D	The Generation of Longshore Currents on a	BOWKER, D. E.
High-Rate Land Treatment I: Infiltration and	Plane Beach, W74-01208 7-03 2L	Correlation of ERTS Multispectral Imagery with Suspended Matter and Chlorophyll in
Hydraulic Aspects of the Flushing Meadows Project,	Longshore Transport of Sand,	Lower Chesapeake Bay, W74-06667 7-13 2L
W74-12004 7-23 5D	W74-02706 7-06 2J	BOWLEY, C. J.
High-Rate Land Treatment II: Water Quality and Economic Aspects of the Flushing	BOWEN, B. E. High Precision Sampling for Chromatographic	Use of ERTS Data for Mapping Arctic Sea Ice, W74-06676 7-13 2C
Meadows Project, W74-12005 7-23 5D	Separations, W74-02414 7-05 2K	Use of ERTS Data for Mapping Snow Cover in the Western United States,
Land Treatment of Liquid Waste: The	BOWEN, D. H. M.	W74-02603 7-05 7B
Hydrologic System, W74-05975 7-12 5D	Primary Publications in Environmental Science,	BOWLING, C. C. Note on the Biology of Rice Water Weevil, Lis-
Renovating Municipal Wastewater by High-	W74-03044 7-06 10A	sorhoptrus oryzophilus, W74-01744 7-04 3F
Rate Infiltration for Ground-Water Recharge, W74-06364 7-12 5D	BOWEN, H. D. Computer Simulation of Crop Production -	BOWLING, J. L.
Renovating Secondary Effluent by Ground-	Potential and Hazards, W74-08331 7-16 3F	Environmental Applications of Centrifugal Photometric Analysis,
water Recharge With Infiltration Basins, W74-12877 7-24 5D	BOWEN, V. T.	W74-12029 7-23 5A
Renovating Sewage Effluent by Ground Water	Observations on the Distribution of Chlorinated	Environmental Applications of Centrifugal
Recharge, W74-03520 7-07 5D	Hydrocarbons in Atlantic Ocean Organisms, W74-11484 7-22 5B	Photometric Analysis, W74-12913 7-24 5A
		BOWLING, R.
Wat's New in Deep-Well Injection, W74-04265 7-08 5E	Plutonium in North Atlantic Ocean Organisms; Ecological Relationships,	Successful Application of Granular Carbon Solves Quality Problems,
BOUYOUCOS, G.	W74-07800 7-15 5C	W74-10496 7-20 5D
A New Electrical Soil-Moisture Measuring Unit,	BOWER, B. T. Residuals in Manufacture of Paper,	BOWMAN, C. R. Experimental Results from Processing Gasbug
W74-01978 7-04 2G	W74-07399 7-14 5B	gy Gas in a Natural Gas Processing Plant, W74-02021 7-04 5B
BOVEE, H. H. Atomic Absorption Determination of Nano-	Waste Management: Generation and Disposal of Solid, Liquid and Gaseous Wastes in the	BOWMAN, M. C.
gram Quantities of Arsenic in Biological Media, W74-12479 7-23 5A	New York Region, W74-09353 7-18 5G	Coumaphos as a Feed Additive for the Contro of House Fly Larvae in Cow Manure,
BOVINGTON, A. R.	BOWER C A	W74-00411 . 7-01 SE
Computer Services and Application in the	BOWER, C. A. Colorimetric, Semiquantitative Test for Soil	BOWMER, E. J.
Greater London Council's Department of Public Health Engineering,	Salinity, W74-11265 7-21 2G	Index of Drinking Water Pollution: Total Coliform MPN Tests: Confirmed Test Versus
W74-12129 7-23 5G	BOWERMAN, F. R.	Completed Test, W74-02087 7-04 5A
BOWDEN, D. C.	Marina Del Rey: Computer Simulation of Pollu-	BOWSER, F. W.
Maximum Likelihood Estimation for Mixtures of Two Normal Distributions, W74-04898 7-10 7C	tant Transport in Semi-Enclosed Water Body, W74-05698 7-11 5B	Hurricane Agnes-Damage in Pennsylvania, W74-09393
W 74-04090 7-10 7C	BOWERS, C. E.	BOX, E. O. JR.
BOWDEN, K. F. Dispersion in Flow from a Continuous Source	Groundwater Pore Pressures Adjacent to Sub- arctic Streams,	Polluted Water Purification, W74-11407 7-21 5E
at Sea, W74-02163 7-05 5B	W74-04393 7-09 2C	BOX, G. E. P.
BOWDEN, L. W.	BOWERS, J. B.	The Mathematical Modeling of Soil-Water
Assessment of Southern California Environ-	Determination of Cacodylic Acid (Hydroxydimethylarsine Oxide) by Gas Chro-	Nitrogen Phenomena, W74-13138 7-24 5I
ment From ERTS-1, W74-06685 7-13 4A	matography, W74-05448 7-11 5A	BOYD, C. E.
Land Use in Northern Coachella Valley,		The Chemical Oxygen Demand of Waters and Biological Materials from Ponds,
W74-06624 7-13 4A	BOWERS, S. A. Spectrophotometric Determination of Soil	W74-01543 7-03 50
BOWDOIN, W. R.	Water Content,	Effect of Organic Insecticides upon Carbon-I-
Easements: Judicial and Legislative Protection of the Public's Rights in Florida's Beaches,	W74-01770 7-04 2G	Uptake by Freshwater Phytoplankton, W74-05211 7-10 50
W74-02508 7-05 6E	BOWES, P. M. Determination of Vitamin B12, Thiamine and	BOYD, D. A.
Easements: Judicial and Legislative Protection	Biotin in Lake Tahoe Waters Using Modified	Manuring of Potatoes on Fen Silt Soils in Hol
of the Public's Rights in Florida's Beaches, W74-08540 7-16 6E	Marine Bioassay Techniques, W74-02118 7-04 5C	land, Lincolnshire, W74-00422 7-01 31
, 10 OL		1-01 31

BOYD, D. A.

BOYD, E. A. Converging Vortex Apparatus for Separating	BOYLEN, C. W. Bacterial Decomposition Processes in Lake Wingra Sediments During Winter,	BRADFORD, G. R. Contribution to Water Pollution from Agricul- tural and Urban Sources in the Coachella Val-
oil from Water, W74-00085 7-01 5G	W74-03592 7-07 5A	ley,
BOYD, G. B.	Effects of Thermal Additions from the Yel-	W74-07757 7-15 5B
Water Pollution Aspects of Street Surface Con- taminants.	lowstone Geyser Basins on the Benthic Algae of the Firehole River,	BRADFORD, J. Revision of Family and Some Generic Defini-
W74-07418 7-14 5B	W74-06046 7-12 5C	tions in the Phaennidae and Scolecithricidae (Copepoda: Calanoida),
BOYD, J. E.	BOYNAGRYAN, V. R.	W74-01308 7-03 5A
Use of Daphnia Magna for the Microbio-Assay	Dynamics and Morphology of the Sambian	174 01300
of Pesticides, I. Development of Standardized	Peninsula,	BRADFORD, R. R.
Techniques for Rearing Daphnia and Prepara-	W74-03462 7-07 2J	Nitrogen and Phosphorus Losses from Agrono-
tion of Dosage Mortality Curves for Pesticides,	Manufacture Analysis of Chart David	my Plots in North Alabama, W74-12221 7-23 5B
W74-08714 7-17 5A	Morphometric Analysis of Short-Period Changes in the Topography of the Shore,	W 14-12221 1-23 3B
BOYD, M. B.	W74-03341 7-07 2J	BRADFORD, W. L.
Enlargement of the Chesapeake and Delaware		The Determination of a Stability Constant for
Canal, Hydraulic and Mathematical Model In-	BOYNS, P. K.	the Aqueous Complex Zn(OH)2 Using Anodic
vestigation,	Aerial Radiological Measuring Survey of the	Stripping Voltammetry, W74-05455 7-11 5A
W74-05036 7-10 8B	Area Surrounding the Dresden Nuclear Power Station, Morris, Illinois, September 1968,	W 14-03433 /-11 3A
BOYER, H.	W74-09250 7-17 5A	BRADLEY, C.
Recycling on the Land: An Alternative for	111 311	Ultrasonic Emissions in Snow,
Water Pollution Control,	BOYNTON, W. R.	W74-02741 7-06 2C
W74-03387 7-07 5D	Standing Crop of Salt Marshes Surrounding	BRADLEY, C. C.
BOYER, J. S.	Chincoteague Bay, Maryland-Virginia, W74-03304 7-07 2L	Comparison of the Snow Resistograph with the
Sensitivity of Cell Division and Cell Elongation	W/4-03304 /-U/ ZL	Ram Penetrometer,
to Low Water Potentials in Soybean	BOYSEN, G. A.	W74-01381 7-03 2C
Hypocotyls,	Environmental Tritium Surveillance for Project	BRADLEY, E. B.
W74-01249 7-03 3F	Rulison,	Detection of Salts of 2,4-D In Aqueous Solu-
BOYER, S. J.	W74-02020 7-04 5B	tion by Laster Raman Spectroscopy,
Delimitation of Weathering Zones in the Fiord	BOZRIKOV. VI. V.	W74-00297 7-01 5A
Area of Eastern Baffin Island, Canada,	Field Shelterbelt Afforestation and Greenery	BRADLEY, J. R.
W74-07937 7-15 2J	Planting,	The Economic Impact of a Deepwater Terminal
BOYER, Y.	W74-03883 7-08 3F	in Texas,
Diurnal Fluctuations of Water Content During	BRACH, E. J.	W74-03489 7-07 6B
Vegetative Cycle of an Homogenous Plant	Cancellation of Spectrophotometer System	DELEVIEW W. D.
Population: Linum Usitatissimum L. Var.	Characteristics Using an Analog Computer,	BRADLEY, M. D. Human Ecology and Coastal-Zone Pollution,
Reina, (In French), W74-01767 7-04 2I	W74-06874 7-13 2K	W74-05597 7-11 5G
W 74-01767 7-04 21	BRACHET, J. AND	
BOYET, W. E.	Influence of Environmental Moisture Condi-	BRADLEY, R. F.
A Conceptual and Empirical Analysis of Water	tions on the Phenol Compound Amount in Cal-	Solid Forms for Savannah River Plant High- Level Waste,
Pricing in Mississippi Municipalities,	luna Vulgaris L.,	W74-07787 7-15 5D
W74-13054 7-24 6B	W74-04487 7-09 21	7-13 35
BOYKO, B. I.	BRACKEN, D. D.	BRADSHAW, A. D.
Design Considerations in the Implementation of	Social Goals and Evaluation of Resource Com-	Aerial Pollution and the Rapid Evolution of
Ontario's Phosphorus Removal Programme,	mitments,	Copper Tolerance, W74-07713 7-15 5B
W74-08852 7-17 5D	W74-02110 7-04 6B	W 14-01/13 3B
BOYLE, J. R.	The state of the s	BRADSHAW, J. S.
The Mathematical Modeling of Soil-Water-	Trends in Environmental Law Related to Water Resources Planning,	Seasonal Variations in Residues of Chlorinated
Nitrogen Phenomena,	W74-00552 7-02 6E	Hydrocarbon Pesticides in the Water of the Utah Lake Drainage System: 1970 and 1971,
W74-13138 7-24 5B		W74-01780 7-04 5B
BOYLE, J. R. AND	BRACKEN, G. K.	
Paper Mill Sludge Disposal on Soils: Effects on	The Use of Artificial Pools in Assessing Popu-	BRADY, E. L.
the Yield and Mineral Nutrition of Oats (Avena	lations of the Mosquito Culex restuans Theobald,	Information Centers Concerned with Environ- mental Matters: Physical Science and
satival.), W74-04519 7-09 5E	W74-01987 7-04 5G	mental Matters: Physical Science and Technology,
7-09 SE		W74-03042 7-06 10D
BOYLE, W. C.	BRACKLEY, R. A.	
Biological Treatability of Landfill Leachate,	Hydrologic Data of the Neponset and Weymouth River Basins, Massachusetts,	BRADY, L. L.
W74-11857 7-22 5D	W74-09945 7-19 4A	An Experimental Study of Heavy-Mineral Secregation Under Alluvial-Flow Conditions,
Chemical Treatment of Leachates from Sanita-		W74-00533 7-01 2J
ry Landfills,	Hydrology and Water Resources of the Nepon-	DDADY D I
W74-13305 7-24 5D	set and Weymouth River Basins, Mas-	BRADY, P. J.

W74-08770

W74-09514

Transfer Data,

Household Wastewater Characterization,

Pitfalls in Parameter Estimation for Oxygen

7-17 5B

7-18 5A

W74-02480

BRADE, C. E.

W74-11248

The Effect of Surplus Activated Sludge in Filter Press Performance,

7-05 7C

7-21 5D

W74-03129

W74-09804

BRADY, R. A.
Improving Water Management Efficiency
Through use of Bio-Indicators,

7-06 4C

7-19 2D

BRAEKKAN, O. R.	Mechanical Tests of Rock Samples from	BRAUN, H. E.
The Determination of Cobalt in Fish Tissue by	Several Types of Foundation Sites,	Organochlorine Residues in Harp Seals
Atomic Absorption Spectrophotometry,	W74-13211 7-24 8E	(Pagophilus groenlandicus) Caught in Eastern
W74-05399 7-10 5A		Canadian Waters,
	BRANDSMA, M. G.	W74-00766 7-02 50
BRAFIELD, A. E.	Marina Del Rey: Computer Simulation of Pollu-	
The Energetics of Feeding, Metabolism and	tant Transport in Semi-Enclosed Water Body,	BRAUNE, W.
Growth of Perch (Perca fluviatilis L.),	W74-05698 7-11 5B	In Situ Experimental Investigations of the
W74-02109 7-04 21		Biomass Production of Micro-Algae and o
	BRANDSTETTER, A.	Natural Algal Biocoenoses in Flowing Waters
BRAGG, D. M.	Data Acquisition and Combined Sewer Con-	(In German),
The Economic Impact of a Deepwater Terminal	trols in Cleveland.	W74-03598 7-07 50
in Texas,	W74-09716 7-18 5D	707 50
W74-03489 7-07 6B		BRAUNLICH, G.
	A Mathematical Model for Optimum Design	Detection of Pollutants in Water by Raman
BRAGINSKII, L. I.	and Control of Metropolitan Wastewater	Spectroscopy,
Liquid Velocity Distribution in Aeration Tanks	Management Systems,	W74-02164 7-05 5A
with Mechanical Aerators (Rasredelenie	W74-03468 7-07 5D	, , , ,
skorostei zhidkosts v aerotenkakh s mek-		BRAUNSCHEIDEL, D. E.
hanicheskimi aeratorami).	BRANDVOLD, D. K.	Restoration of Wastewater Facilities Damage
W74-13428 7-24 5D	Chemical and Biological Character of Rio	by Tropical Storm Agnes,
	Grande Water in the Bosque Del Apache Wil-	W74-09496 7-18 5I
BRAGINSKII, L. N.	dlife Refuge,	7.10 3.
Industrial Experience with Pneumatic-Mechani-	W74-00007 7-01 4A	BRAVER, E. B.
cal Aerators (Obyt primeneniya pnevmomek-	7-01 4A	The Skin Effect in Producing Wells,
hanicheskikh aeratorov v proizvodstvennykh	Uptake of Mercury by Fish in Natural and Ar-	W74-05088 7-10 8E
usloviyakh),	tificial Systems,	7.10 01
W74-05434 7-11 5D	W74-02460 7-05 5B	BRAY, D. T.
711 35	7-03 3B	Storage and Dispensing Apparatus for
BRAHAM, H. W.	BRANSON, F. A.	Reverse Osmosis Water Purification System,
Lead in the California Sea Lion (Zalophus	Rangeland Hydrology,	W74-08039 7-15 5I
Californianus).	W74-10682 7-20 4A	
W74-12973 7-24 5C	174-10002 7-20 4A	Valve for Reverse Osmosis Purification and
11-24 50	BRANTLEY, J. N.	Storage System.
BRAINARD, E. C. II.	Zonal Centrifugation: Applied Aspects in Elu-	W74-08040 7-15 5I
Method and Apparatus for Determining Pollu-	cidating Chemical and Biological Forms, Dis-	7.13 31
tion Index,	tribution and Availability of Heavy Metals in	BRAY, J. T.
W74-08903 7-17 5A	the Environment.	The Behavior of Phosphate in the Interstitia
717 314	The state of the s	Waters of Chesapeake Bay Sediments,
BRAITHWAITE, C. J. R.	W74-12026 7-23 5D	W74-12658 7-23 50
Settling Behaviour Related to Sieve Analysis of	BRANTSEVYCH, L. H.	
Skeletal Sands.	Changes of the Number of Bacterial Cells of	Oxidation Effect on the Analysis of Iron in the
W74-00105 7-01 2J		Interstitial Water of Recent Anoxic Sediments,
701 23	Different Morphological Groups in the Water	W74-11379 7-21 51
BRAKEL, W. H.	and Bottom Deposits of the Khakon Reservoir	
Stream Pollution and a Simplified Diversity	as a Function of the Intensity of Development	BRAY, M. C. G.
Index,	of Blue-Green Algae, (In Ukrainian),	Radiation and Scattering of Water Waves by
W74-06876 7-13 5A	W74-08505 7-16 5C	Rigid Bodies: Part 2. Vertical Cylinders of Cir
113 311	DRIGOTH D. C. W.	cular Cross-Section,
BRAMER, H. C.	BRASFEILD, C. W.	W74-11787 7-22 81
Costs of Water Pollution Control in the Chemi-	Wave Action and Breakwater Design, Hamlin	
cal Industry,	Beach Harbor, New York,	BRAZEL, A. J.
W74-05642 7-11 5D	W74-04588 7-09 8B	November 1972 Floods on the Lower Grea
711 30		Lakes.
BRANCA, G.	BRASHEAR, H. R.	W74-10050 7-19 21
Radioactive Waste Management in Italy,	Processing and Analysis of Radioisotopic Sand	
W74-02014 7-04 5D	Tracer (RIST) Study Data,	BRAZZELLI, A.
117-02017	W74-03628 7-07 2J	The Biological Pathway of Zinc (Zn-65) i
BRAND, M. J. D.	Maria Maria Cara Cara Cara Cara Cara Cara Cara	Freshwater Fish and its Alteration by Heav
Investigation of the Factors Affecting the	BRASIER, R. I.	Metals,
Response Time of a Calcium Selective Liquid	Another Rio Grande for New Mexico,	W74-05201 7-10 50
Membrane Electrode,	W74-02461 7-05 3A	7-10 30
W74-05304 7-10 2K		BREADEN, J. P.
7-10 2K	BRASTER, R. E.	The Generation of Flood Damage Tim
BRANDES, C. E.	Documentation for SNSIM1/2, a Computer	Sequences,
A Selected Annotated Bibliography on Land	Program for the Steady-State Water Quality	W74-03334 7-07 4
Resource Inventory and Analysis for Planning,	Simulation of a Stream Network,	1-01 41
	1110	

W74-11978

BRATER, E. F.

W74-09910

W74-13298

BRAUER, F. P.

W74-08885

ples,

Seasonal Effects in Flood Synthesis,

Seasonal Effects in Flood Synthesis,

Detection Systems for the Low Level Radiochemical Analysis of Iodine-131, Iodine-

129 and Natural Iodine in Environmental Sam-

7-24 6A

7-09 5C

W74-12795

W74-04680

BRANDON, J. R.

low Lipno Reservoir,

Horizontal Distribution of Some Chemical and Physical Characteristics in Lipno Reservoir, W74-04814 7-09 5C

Relation Between the Amount of Net

Zooplankton and the Depth of Station in Shal-

Rock Mechanics Properties of Typical Founda-

tion Rock Types: Summarizing Physical and

BREBNER, A.

W74-02160

Problem.

BRECHT, W.

W74-10897

A New Oscillating Water Tunnel,

BRECHER, E. M.
Is the Water Safe to Drink. Part I: The

Cleaning Paper Industry Effluents by Means of

7-22 5B

7-19 4C

7-24 4C

7-17 5A

7-05 2J

7-20 5F

BRECHT, W.

		W . D . d . D . d . d . d . C . M . C . M . C
Closed Water Circuits in a Paper Mill Processing Waste Paper, W74-03540 7-07 5D	BREITTMAYER, J. P. Study of the Diffusion of the Deep Sea Disposal of Residual Water,	Wave Forecasting Relationships for the Gulf of Mexico, W74-04729 7-09 2E
	W74-09472 7-18 5B	BRETT, J. D.
Fundamental View of the Closed Water Circuit	BREITTMEYER, J-P.	Evaluation of a Hollow Spherical Cavity with a
(Der geschlossene Wasserkreislauf in grund- saetzlicher Betrachtung),	Restructuring of River Banks and Secondary Pollution: Study of Eutrophications in Port	Circular Aperture as a Remote Sensor of Atmospheric Index of Refraction,
W74-05282 7-10 5D	Areas, (In French),	W74-10649 7-20 7B
Survey of Environmental Legislation in the	W74-05950 7-11 5C	BRETT, R. W. J.
German Federal Republic (Uebersicht ueber die Umweltgesetzgebung in der Bundesrepublik	BREKKA, L. T. Multiple Planning for Multipurpose Water	Process Control of Activated Sludge Treat-
Deutschland), W74-12402 7-23 6E	Resource Systems: A Structure for Regional	ment, W74-03764 7-08 5D
	Water Resource Development,	BRETTEL, E. J.
Survey of Residual Waste Water Treatment (Ueberblick ueber die Behandlung der Restab-	W74-06106 7-12 6B	Report on the Lambourn Valley Pilot Scheme,
waesser),	BREMNER, J. M. Is Phosphate Reduced to Phosphine in Water-	1967-1969,
W74-05261 7-10 5D	logged Soils,	W74-10862 7-20 4B
Waste Water Research for the Pulp and Paper	W74-03523 7-07 2G	BRETTHAUER, E. W.
Industry at the Darmstadt Technological In-	Nitrogen-15 Enrichment of Soils and Soil-	Determination of Submicrogram Amounts of
stitute (Abwasserforschung fuer die Papier-und	Derived Nitrate,	Mercury by the Oxygen Bomb Combustion Method,
Zellstoffindustrie an der TH Darmstadt), W74-02257 7-05 5D	W74-06349 7-12 5B	W74-11388 7-21 5A
W 14-02231 1-03 3D	Preservation of Soil Samples for Inorganic	To the state of th
BRECHT, W. AND	Nitrogen Analyses,	Formation of Methylmercury in a Terrestrial Environment.
Electrolysis as a Purification Method for Ef-	W74-10334 7-19 2G	W74-11393 7-21 5B
fluents of the Pulp and Paper Industry (Die	BRENNER, D. J.	
Elektrolyse als Reinigungsverfahren fuer Ab- waesser der Papier- und Zellstoffindustrie),	Molecular Relationships Among the Salmonel-	Separation of Water From Biological and En-
W74-04542 7-09 5D	leae,	vironmental Samples for Tritium Analysis, W74-00053 7-01 5A
PROCEEDINGS D. M.	W74-00623 7-02 5B	
BRECKENRIDGE, R. M. Glaciation of Northern Wyoming Interpreted	BRENNER, F. J.	BRETTUM, P.
from ERTS-1,	Ecology and Productivity of Strip-Mine Areas	Algae from Some Lakes in Nordmarka Near Oslo,
W74-01703 7-04 2C	in Mercer County, Pennsylvania,	W74-04289 7-08 2H
Demote Coming Applied to Land Has Studies	W74-07055 7-14 5B	BREUER, F.
Remote Sensing Applied to Land-Use Studies in Wyoming,	BRESLER, E.	Behavior of Radioiodine in the Environment
W74-06631 7-13 4A	Anion Exclusion and Coupling Effects in Non- steady Transport Through Unsaturated Soils: I.	and in Man,
BREDEHORFT I D	Theory,	W74-06862 7-13 5B
BREDEHOEFT, J. D. Modeling Flow and Chemical Quality Changes	W74-00611 7-02 2G	BREVIK, T. J.
in an Irrigated Stream-Aquifer System,	Anion Exclusion and Coupling Effects in Non-	Managing Barnyard Runoff for Dairy Cattle,
W74-09883 7-19 5B	steady Transport Through Unsaturated Soils:	W74-10306 7-19 5D
BREE, D. W. JR.	II. Laboratory and Numerical Experiments, W74-07631 7-15 2G	Solid Manure Handling for Dairy Cattle,
Extended Period Simulation of Water Distribu-	W/4-0/031	W74-10305 7-19 5D
tion Networks,	Interacting Diffuse Layers in Mixed Mono-	BREW, D. A.
W74-05533 7-11 4A	Divalent Ionic Systems, W74-08920 7-17 2G	Environmental Impact Analysis: The Example
BREED, C. S.	11, 20	of the Proposed Trans-Alaska Pipeline,
A Study of Morphology, Provenance, and	BRESLER, S. A.	W74-12011 7-23 6G
Movement of Desert Sand Seas in Africa, Asia, and Australia.	Field Testing of Improved Ion Exchange Techniques,	BREWER, J. W.
W74-01697 7-04 7C	W74-11826 7-22 3A	Constructing Nonlinear Dynamic Models for
		Socio-Environmental Decisionmaking: A Methodology,
BREEZE, V. G.	BRESSLER, R. Determination of Orthophosphate,	W74-03501 7-07 6A
Land Reclamation and River Pollution Problems in the Croal Valley Caused by Waste	W74-00464 7-01 5A	
From Chromate Manufacture,		BREWER, L. W.
W74-00045 7-01 5C	BRESTKIN, A. P. On the Interaction Between Organophosphorus	Environmental Monitoring Report for Sandia Laboratories for 1973,
BDDHMED M I	Inhibitors and Cholinesterase,	W74-12047 7-23 5B
BREHMER, M. L. Biological and Chemical Study of Virginia's	W74-01794 7-04 5B	ADDITION D. C.
Estuaries,	PRESCUENTIAL C. I	BREWER, P. G. Aspects of the Distribution and Trace Element
W74-02052 7-04 5B	BRETSCHNEIDER, C. L. The Ash Wednesday East Coast Storm, March	Composition of Suspended Matter in the Black
BREIDENSTEIN, F.	5-8, 1962. A Hindcast of Events, Causes, and	Sea, W74-11709 7-22 5B
A Study of Water Circulation in Monterey Har-	Effects, W74-04969 7-10 2J	W74-11709 7-22 5B
bor Using Rhodamine B Dye,	W /4-04909 /-10 23	Distribution of Some Trace Elements in Black
W74-03114 7-06 2L	Modification of Wave Spectra on the Continen-	Sea and Their Flux Between Dissolved and
BREILLATT, J. P.	tal Shelf and in the Surf Zone,	Particulate Phases,
Zonal Centrifugation: Applied Aspects in Elu-	W74-04762 7-09 2L	W74-12376 7-23 5B
cidating Chemical and Biological Forms, Dis-	On Wind Tides and Longshore Currents Over	BREWER, R.
tribution and Availability of Heavy Metals in	the Continental Shelf Due to Winds Blowing at	The Present and Future Market for Pollution
the Environment,	an Angle to the Coast,	Control Equipment,

7-08 2E

W74-05636

7-11 5G

W74-12026

7-23 5D

W74-04210

BREWER, R. E.	Big Eye in the Sky,	BRINK, R. J.
Measuring Snowfall, A Critical Factor for Snow Resource Management,	W74-05581 7-11 7B	Disinfection and Oxidation of Industrial Wastes.
W74-02184 7-05 2C	BRIGGS, P. M.	W74-05513 7-11 5D
nneweren n i	Waves at Camp Pendleton, California, W74-04607 7-09 2E	BRINK, W. E.
BREWSTER, R. L. Computer System for the Description and	W/4-0400/ /-09 ZE	Influence of Suction and Blowing on Entrain-
Evaluation of Community Water Systems	BRIGHAM, A. R.	ment of Sand Particles,
Based on Reverse Osmosis Desalination, W74-01938 7-04 3A	Ecology of Floodplain Pools in the Kaskaskia River Basin of Illinois,	W74-09616 7-18 2J
	W74-05536 7-11 2H	
BREYER, A. C.	BRIGHAM, W. E.	Zonal Centrifugation: Applied Aspects in Elu-
A Systematic Study of the Variables Involved in the Reverse-Phase Thin-Layer Chromatog-	Planning and Analysis of Pulse-Tests,	cidating Chemical and Biological Forms, Dis- tribution and Availability of Heavy Metals in
raphy of Oxyethylated Alkyl Sulfate Surfac-	W74-03164 7-06 2F	the Environment,
tants,	BRIGHT, T. J.	W74-12026 7-23 5D
W74-01358 7-03 5A	The Distribution of Heavy Metals in Reef-	Zonal Centrifugation: Applied Aspects in Elu-
BREZGUNOV, V. S.	Dwelling Groupers in the Gulf of Mexico and	cidating Chemical and Biological Forms, Dis-
Problems of the Organic Matter of Organogenic	Bahama Islands, W74-06071 7-12 5B	tribution and Availability of Heavy Metals in
Soils, (In Russian), W74-05279 7-10 2G	W /4-000/1 /-12 3B	the Environment, W74-12910 7-24 5B
W 74-03279 7-10 2G	BRIK, I. L.	W/4-12910 7-24 3B
BREZONIK, P. L.	On the Interaction Between Organophosphorus	BRINKMANN, R.
Nitrogen Sources and Cycling in Natural	Inhibitors and Cholinesterase, W74-01794 7-04 5B	On Saltwater Hot Springs in the Coast Area of
Waters, W74-00149 7-01 5C		Western Anatolia, Turkey (Uber Salzwasser- Thermen Im Kustenland Von West-Anatolien,
	BRILING, I. A.	Turkei)
Nitrogen: Sources and Transformations in	The Combined Study of Seepage Properties of Semipermeable Soils for Estimating Interrela-	
Natural Waters, W74-01799 7-04 5C	tionship of Aquifers,	BRINKMANN, W. L. F.
7-04 30	W74-12841 7-24 2F	The Emission of Biogenic Hydrogen Sulfide
BRICE, J. C.	BRILL, A. B.	from Amazonian Floodplain Lakes,
Evolution of Meander Loops, W74-07661 7-15 2J	Maternal-Fetal Transfer of Organic and Inor-	W74-12284 7-23 5B
W /4-0/661 /-13 23	ganic Mercury Via Placenta and Milk,	BRINLEY, W. R. JR.
BRICK, R. W.	W74-12495 7-23 5B	Potential Use of Airborne Dual-Channel In-
Effects of Water Quality, Antibiotics,	BRILL, F. W.	frared Scanning to Detect Massive Ice in Per-
Phytoplankton and Food on Survival and Development of Larvae of Scylla Serrata	Designing. Plug in a Computer,	mafrost,
(Crustacea: Portunidae),	W74-10825 7-20 5D	W74-04403 7-09 7B
W74-13090 7-24 5C	BRILL, W. J.	BRINN, D. G.
BRICKED C F	Effect of Molybdenum Starvation and Tung-	A Bibliography on the Pollution Aspects of
BRICKER, C. E. Pyrolysis as a Method of Disposal of Cattle	sten on the Synthesis of Nitrogenase Com-	
Feedlot Wastes,	ponents in Klebsiella pneumoniae, W74-11713 7-22 50	
W74-09673 7-18 5D		BRION, D. J. Virginia Natural Resources Law and the New
BRICKER, O. P.	BRIMBLECOMBE, P.	Vissinia Watlanda Aat
Chemical Weathering of Serpentinite in the	The Absorption of Low Concentrations of Sulphur Dioxide into Aqueous Solutions,	W74-01448 7-03 2L
Eastern Piedmont of Maryland,	W74-12311 7-23 5B	BRISBIN, R. L.
W74-05729 7-11 2J		Anatomical and Physical Properties of Red Oak
Oxidation Effect on the Analysis of Iron in the	BRINCKMAN, F. E. Biodegradation of Phenylmercuric Acetate by	1 P 4 Pt - 7 t - 4 t - 14 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Interstitial Water of Recent Anoxic Sediments,	Mercury-Resistant Bacteria,	water,
W74-11379 7-21 5B	W74-01555 7-03 5E	W74-12886 7-24 5D
BRIDGES, W. C.	Transmethylation of Heavy Metal Ions in	BRISOU, J.
A Blocked Minimal Tropical Depression	Water,	A Diseased Trout: Microbiological Study of Its
Becomes a Storm of Rare Occurrence, W74-06357 7-12 2B	W74-10983 7-21 5B	Principal Organs and Its Environment, W74-01267 7-03 5C
4000000	BRINK, E. H.	
BRIDIE, A. L.	Foam Flotation Concentration of Sewage,	Microbiological Comparison Between a Few
Interference of Non-Hydrocarbons in Oil-In- Water Determination,	W74-07214 7-14 5D	Aquatic Mediums, (In French), W74-08669 7-16 5C
W74-05462 7-11 5A	BRINK, G. E.	
BRIEBI EV I A	Annual Streamflow Summaries from Four Sub-	BRISTOW, J. M.
BRIERLEY, J. A. Chemical and Biological Character of Rio	alpine Watersheds in Colorado,	Malezas Acuaticas, Aquatic Weeds, J. M. Bristow,
Grande Water in the Bosque Del Apache Wil-	W74-00676 7-02 3E	W74-00736 7-02 4A
dlife Refuge,	Computer Simulation of Snowmelt within a	
W74-00007 7-01 4A	Colorado Subalpine Watershed,	BRITT, J. C.
BRIETKRIETZ, A.	W74-10424 7-20 2C	Design Integrity and Performance Charac- teristics of Helical Tubular Module Elements in
Water Resources Outlook for the Minneapolis-	Hydrologic Simulation Model of Colorado Sub-	
Saint Paul Metropolitan Area, Minnesota,	alpine Forest,	W74-00319 7-01 3A
W74-05172 7-10 4B	W74-02248 7-05 7E	

Simulating Effects of Harvest Cutting on Snowmelt in Colorado Subalpine Forest, W74-00686 7-02 4C

BRIGGS, P. Arizona's Water Resources, W74-13152

7-24 6D

	DAIII, J. C.
BRINK, R. J. Disinfection and Oxidation of	Industrial
Disinfection and Oxidation of Wastes,	Industrial
W74-05513	7-11 5D
BRINK, W. E.	
Influence of Suction and Blowing	on Entrain-
ment of Sand Particles,	
W74-09616	7-18 2J
RINKLEY, F. S.	
Zonal Centrifugation: Applied As	
cidating Chemical and Biological	
tribution and Availability of Hear	vy Metals in
the Environment, W74-12026	7-23 5D
Zonal Centrifugation: Applied As	pects in Elu-
cidating Chemical and Biological	Forms, Dis-
tribution and Availability of Hea	vy Metals in
the Environment,	
W74-12910	7-24 5B
RINKMANN, R.	
On Saltwater Hot Springs in the C	coast Area of
Western Anatolia, Turkey (Uber	Salzwasser-
Thermen Im Kustenland Von We	st-Anatolien,
Turkei),	
W74-04270	7-08 2F
RINKMANN, W. L. F.	
The Emission of Biogenic Hydr	ogen Sulfide
from Amazonian Floodplain Lakes	
W74-12284	7-23 5B
BRINLEY, W. R. JR.	
Potential Use of Airborne Dual	Channel In-
frared Scanning to Detect Massiv	
mafrost.	
W74-04403	7-09 7B
BRINN, D. G.	
A Bibliography on the Pollution	Aspects of
Coke Ovens,	
W74-08183	7-16 5B
BRION, D. J.	
Virginia Natural Resources Law	and the New
Virginia Wetlands Act.	
W74-01448	7-03 2L
BRISBIN, R. L.	
Anatomical and Physical Propertie	s of Red Oak
and Red Pine Irrigated with Mun	
water,	
W74-12886	7-24 5D
BRISOU, J.	
A Diseased Trout: Microbiologica	Study of Its
Principal Organs and Its Environm	
W74-01267	7-03 SC

Integrity and Performance Charac-is of Helical Tubular Module Elements in se Osmosis Plants. 7-01 3A Investigation of the Effect of Coatings on the Failure Mechanisms of Fiberglass Yarn in Tubular Reverse Osmosis Supports,

W74-01935

BRITTON, J. D.

BRITTON, J. D. Computer Modeling Applications in Urban	BROCKWAY, D. L. The Carbon Cycle in Aquatic Ecosystems,	BROMFIELD, A. R. The Deposition of Sulphur in the Rainwater in
Water Planning, W74-09654 7-18 6A	W74-01801 7-04 5C	Northern Nigeria, W74-12980 7-24 5B
	BRODERIUS, M. A.	
BRITZ, S. J. Endosenous and Photoperiodic Diurnal	Tissue Sulfhydryl Groups in Selenium-Defi- cient Rats and Lambs.	BROMLEY, D. Evaluation of Water Resources Development
Rhythms of in Vivo Light Absorption and Scat-	W74-07952 7-15 5B	Projects: The State-Of-The-Art and Emerging Directives,
tering in the Green Alga Ulva Lactuca L., W74-06547 7-13 5C	BRODEUR, T. P.	W74-11587 7-22 6B
PROADERIE E E	Picking the Best Coagulant for the Job,	Donates Volume for Benefit Cost Applysis
BROADBENT, F. E. Factors Affecting Nitrification-Denitrification	W74-13433 7-24 5D BRODIE, A. O.	Parameter Values for Benefit-Cost Analysis, W74-11589 7-22 6B
in Soils, W74-12882 7-24 5D	Investigation of the Effect of Coatings on the Failure Mechanisms of Fiberglass Yarn in Tu-	Project Impact Evaluation, W74-11624 7-22 6B
Nitrogen Transformations During Continuous	bular Reverse Osmosis Supports,	BROMLEY, D. W.
Leaching, W74-07623 7-15 5B	W74-01935 7-04 3A	Environmental Impact Analysis: A Review of
	BRODIE, J. W.	Three Methodologies,
Organics, W74-05974 7-12 5D	Coastal Surface Currents Around New Zea- land.	W74-08839 7-17 6G
	W74-03458 7-07 2E	Interregional Impacts of Alternative Water Pol-
BROADWATER, W. T.		icies for Irrigation in Western United States,
Sensitivity of Three Selected Bacterial Species to Ozone,	BRODIE, P. F. Occurrence of DDT Residues in Beluga Whales	W74-12002 7-23 3F
W74-01553 7-03 SF	(Delphinapterus Leucas) From the Mackenzie	BROMMENSCHENKEL, F. JR.
BRACHET P	Delta, N.W.T.,	Liquid Aerobic Composting of Cattle Wastes
BROCHET, P. A Practical Method of Calculating Potential	W74-06061 7-12 5A	and Evaluation of By-Products, W74-12222 7-23 5D
Evapotranspiration, (In French),	BRODINE, V.	
W74-03721 7-07 2D	Drinking Water,	BRONS, F.
BROCK, R. R.	W74-01466 7-03 5F	The Effect of Restricted Fluid Entry on Well Productivity,
Ground-Water Recharge Strip Basin-Experi-	BRODSKII, K. A.	W74-00953 7-02 8B
ments,	Vertical Differentation of Tien-Shan Torrents,	
W74-06740 7-13 4B	Based on the Distribution of Characteristics of	BRONSON, W. It's About Too Late for Tahoe,
Hydrodynamics of Artificial Groundwater	Water Insects, (in Russian), W74-09063 7-17 2I	W74-09124 7-17 5G
Recharge,		
W74-12195 7-23 4B	BRODY, R.	BROOKE, L. T. Effects of Temperature on Embryonic
BROCK, T. D.	Environment, Water and Sediments of Christiansted Harbor, St. Croix,	Development of Lake Herring (Coregonus ar-
Algal Excretion of C-14-Labeled Compounds and Microbial Interactions in Cyanidium cal-	W74-06292 7-12 5C	tedii), W74-02878 7-06 5C
darium Mats, W74-01510 7-03 5C	BRODY, R. W.	BROOKS, A. A.
	Fish Poisoning in the Eastern Caribbean, W74-12772 7-24 5C	Development of a Unified Transport Model for
Bacterial Decomposition Processes in Lake		Toxic Materials,
Wingra Sediments During Winter, W74-03592 7-07 5A	BROECKER, W. S.	W74-12022 7-23 5B
	The Residence Time of Thorium in Surface Sea Water and Its Implications Regarding the Rate	Development of an Environmental Unified
Effects of Thermal Additions from the Yel-	of Peactive Pollutants	Transport Model for Toxic Materials,
lowstone Geyser Basins on the Bacteriology of the Firehole River,	W74-05995 7-12 5B	W74-12906 7-24 5B
W74-02895 7-06 5B	BROEKER, M. E.	BROOKS, D. R.
Effects of Thermal Additions from the Yel-	Ground-Water Levels in Observation Wells in	Laboratory Flotation Studies of Tennessee
lowstone Geyser Basins on the Benthic Algae	Kansas, 1966-70,	Phosphates in the Presence of Slimes,
of the Firehole River,	W74-07650 7-15 7C	W74-08588 7-16 5D
W74-06046 7-12 5C	BROGAN, D. R.	BROOKS, E. R.
Evolutionary and Ecological Aspects of the	Community Well-Being as a Factor in Urban	Laboratory Culture, Growth Rate, and Feeding
Cyanophytes,	Land Use Planning, W74-03751 7-08 6B	Behavior of a Planktonic Marine Copepod, W74-08732 7-17 21
W74-12586 7-23 5C		
The Water Relations of the Alga Cyanidium	BROGDON, N. J. JR. Grays Harbor Estuary, Washington; Report 1,	BROOKS, J. B. Practical Methods for Derivatizing and Analyz-
Caldarium in Soil, W74-12777 7-24 5B	Verification And Base Tests. Appendix A: Sup-	ing Bacterial Metabolites with a Modified Auto-
	plementary Base Test Data; Hydraulic Model	matic Injector and Gas Chromatograph,
BROCKSEN, R. W.	Investigation, W74-10317 7-19 8B	W74-01336 7-03 5A
Response of Aquatic Life to Salinity, Tempera- ture, Dissolved Oxygen, and Water Flow,	W.4-1031/ /-19 8B	BROOKS, J. D.
W74-00721 7-02 5C	BROKL, M.	The Effect of Discontinuous Methanol Addi-
	Controlling Algae with 5-(5 Barbiturilidene)-	tion on the Growth of a Carbon-Limited Cul- ture of Pseudomonas,
BROCKWAY, C. E. Alternative Methods of Estimating Snow Water	Rhodanine, W74-03665 7-07 4A	W74-03584 7-07 50
Parameters,		
W74-00377 7-01 2C	BROMBERG, A. V. The Use of Ice-Forming Aerosols for Cloud	BROOKS, J. H. Concentrations of Manganese, Iron, and Zinc
Systems Analysis of Irrigation Water Manage-	Modification and Results of Investigations of	in Juveniles of Five Estuarine-Dependent
ment in Eastern Idaho,	New Ice-Forming Reagents,	Fishes,
W74-02322 7-05 4B	W74-11783 7-22 3B	W74-07803 7-15 5C

BROOKS, J. M.	Avalanches on the North Cascades Highway	BROWN, D. W.
Baseline Concentrations of Light Hydrocar-	(SR-20)Summary Report,	Monitoring the Aquatic Environment for
bons in Gulf of Mexico, W74-00073 7-01 5B	W74-11444 7-21 2C	Specific Organic Pollutants,
W74-00073 7-01 5B	Incorporation of Glide and Creep Measure-	W74-10959 7-21 5A
BROOKS, N. H.	ments Into Snow Slab Mechanics,	BROWN, E. R.
Dispersion in Hydrologic and Coastal Environ-	W74-02742 7-06 2C	Carcinogenic Sources in Fish Tumors Found in
ments.		the Fox Valley Water Shed,
W74-03327 7-07 5B	Steady State Ground Motions Caused by Sin-	W74-11006 7-21 5C
	gle-Well Pumping,	F CFILE F II BULL
BROOKS, R. H.	W74-00361 7-01 4B	Frequency of Fish Tumors Found in a Polluted
Axisymmetric Infiltrations, W74-07839 7-15 2G	BROWN, C. E.	Watershed as Compared to Nonpolluted Canadian Waters,
W74-07839 7-15 2G	An Experimental Study of a Wastewater Treat-	W74-02401 7-05 5C
BROOKS, R. R.	ment System Suitable for Shipboard Use,	W 14-02401 1-03 3C
Instrumental Parameters for Determination of	W74-09373 7-18 5D	BROWN, F. B.
Mercury by Flameless Atomic Absorption		Maritime Accidental Spill Risk Analysis: Phase
Spectrophotometry,	BROWN, C. L.	I: Methodology Development and Planning,
W74-03844 7-08 5A	Permeability of the Cambium to Air in Trees	W74-10619 7-20 5B
W. 181	Adapted to Wet Habitats,	BROWN F. F. IR
Natural Dispersion of Mercury from Puhipuhi,	W74-01998 7-04 2I	BROWN, F. L. JR.
Northland, New Zealand, W74-01307 7-03 5B	Root Adaptations and Relative Flood Tolerance	Analysis of Water Characteristics of Manufac-
W74-01307 7-03 5B	of Five Hardwood Species,	turing Industries and Their Adaptability to Semi-Arid Regions,
BROOKSBANK, P.	W74-12702 7-23 2I	W74-12863 7-24 3E
Determination of Submicrogram Levels of	7-25 21	ALCO X LINE
Phenol in Water,	BROWN, C. L. JR.	BROWN, G. M. JR.
W74-03868 7-08 5A	Effects of Underwater Demolition on the En-	Dynamic Economic Management of Migratory
	vironment in a Small Tropical Marine Cove,	Waterfowl,
BROOME, S. W.	W74-00233 7-01 5C	W74-09073 7-17 6B
An Investigation of Propagation and the	anous a w	1000
Mineral Nutrition of Spartina alterniflora,	BROWN, C. W.	BROWN, G. W.
W74-07486 7-14 5C	Identifying Source of Petroleum by Infrared	Nutrient Losses After Clear-Cut Logging and Slash Burning in the Oregon Coast Range,
BROSSET, C.	Spectroscopy, W74-03854 7-08 5A	
Air-Borne Acid,	W/4-03034 /-06 3A	W74-00381 7-01 4C
W74-08689 7-16 5A	Laser Raman Spectroscopy of Solutes Dis-	BROWN, H.
	solved in Water from a Remote Platform,	Growth Rates of Lepomis macrochirus
BROSZ, D. D.	W74-09255 7-18 5A	(Centrarchidae) in Three Areas of Lake Tex-
Operational Evaluation of Irrigation Systems,		oma,
W74-12368 7-23 3F	Novel Method for Sampling Oil Spills and for	W74-02422 7-05 2H
BROTAV F A	Measuring Infrared Spectra of Oil Samples,	NOWN TO
BROTAK, E. A. Investigation of the Effects of Urbanization on	W74-05451 7-11 5A	BROWN, H. G.
Precipitation Type, Frequency, Areal and Tem-	BROWN, D.	Distribution of Total Mercury in the Fishes of Lake Oahe,
poral Distribution, Phase II,	ERTS-1 Applications to Minnesota Land Use	W74-11319 7-21 5B
W74-03768 7-08 4C	Mapping,	W/4-11515
	W74-06632 7-13 4A	Mercury in Fish, Sediments, and Water in Lake
Tropical Cyclone Precipitation in New Jersey,		Oahe, South Dakota,
W74-00435 7-01 2B	BROWN, D. A.	W74-02423 7-05 5A
BROUGHTON, R. S.	A Capillary Tube Diffusion Cell for Measuring	BROWN W B
Delays in the Operation of Subsurface	Ion Diffusion in Aqueous Solutions,	BROWN, H. R.
Drainage Trenching Machines,	W74-10207 7-19 5A	Lead Concentrations in the Wooly Sculpin
W74-09794 7-18 8C	BROWN, D. G.	Clinocottus Analis, Collected from Tidepools of California,
W/4-05/54	Influence of Dietary and Injected Selenium on	W74-12515 7-23 5B
BROUWER, R.	Whole-Body Retention, Route of Excretion,	W 74-12515 7-25 3B
Influence of Water Stress on Photosynthesis,	and Tissue Retention of 75SeO3 () in the Rat,	BROWN, J.
Respiration and Leaf Growth of Zea Mays L.,	W74-07708 7-15 5C	Environmental Considerations for the Utiliza-
W74-11182 7-21 2I		tion of Permafrost Terrain,
BROWMAN I C	BROWN, D. L.	W74-04407 7-09 2C
BROWMAN, L. G. Determination of the Microlevel Temperatures	Underground Storage and Retrieval of Fresh	Canada and Dissessing & Description
During Lake Cooling, Ice Formation, Icemelt	Water from A Brackish-Water Aquifer,	Stratigraphy and Diagenesis of Perennially
and the Break-up of the Ice cover of a Moun-	W74-03237 7-07 4B	Frozen Sediments in the Barrow, Alaska, Re- gion,
tain Lake, Holland Lake, Missoula County,	BROWN, D. N.	W74-04365 7-09 2C
W74-02447 7-05 2C	Drainage and Erosion Control Facilities, Field	1170730
	Performance Investigation,	BROWN, J. A. H.
BROWN, B. M.	W74-09948 7-19 8A	Hydrologic Data for Small Rural Catchments in
Cellulosic Reverse Osmosis Membranes Hav-		Australia, 1973, St. A.J. A.
ing High Flux and High Salt Rejection,	BROWN, D. P.	W74-04842 7-09 2E
W74-08022 7-15 3A	Hydrobiochemical Effects of Spraying Waste-	DROWN I F ID
BROWN, C.	Treatment Effluent in St. Petersburg, Florida,	BROWN, J. F. JR. Method of Coagulating Suspended Solid Impu-
Potential Pathogens in the Environment: Kleb-	W74-07978 7-15 5C	rities in Water with Silicone-Silica Composi-
siella Pneumoniae. A Taxonomic and Ecologi-	Hydrogeologic Aspects of a Proposed Sanitary	tions,
cal Enigma,	Landfill Near Old Tampa Bay, Florida,	W74-12441 7-23 5D
W74-00656 7-02 5A	W74-02628 7-05 5E	
BROWN C B		BROWN, J. M.
BROWN, C. B.	Hydrologic Perspective of Surficial Waste	A Device for Measuring the Average Tempera-
Avalanche Studies (1971-1972), W74-07319 7-14 2C	Disposal,	ture of Water, Soil, or Air,
W74-07319 7-14 2C	W74-13210 7-24 5D	W74-06045 7-12 5A

BROWN, J. M.

The Effect of Overstory Removal Upon Sur-	BROWN, S. R.	BRUCE, J.
face Wind in a Black Spruce Bog, W74-00688 7-02 3B	Chlorophyll, Nitrogen, and Photsynthetic Pat-	Psychrophilic Yeasts Isolated From Marine
W74-00688 7-02 3B	terns During Growth and Senescence of Two Blue-Green Algae,	Fish, W74-07563 7-14 5A
Tables and Conversions for Microclimatology,	W74-04884 7-10 5C	W/4-0/303
W74-06389 7-12 2B	710 30	BRUCE, J. P.
	BROWN, T. E.	Are the Great Lakes Threatened,
BROWN, J. P.	Method for Controlling Algae Pollution,	W74-13218 7-24 5G
The Economic Effects of Floods. Investiga-	W74-00088 7-01 5G	
tions of a Stochastic Model of Rational Invest-		Development of Nutrient Control Policies in
ment Behavior in the Face of Floods,	BROWN, T. J.	Canada,
W74-03193 7-06 6A	Protozoa from Blue Lake, Raoul Island,	W74-01809 7-04 5C
BROWN, JAMES C.	W74-01310 7-03 5C	Eutrophication Research Applied to Water
Methods for Improvement of Trickling Filter	BROWN, T. S.	Quality Management on the Great Lakes,
Plant Performance. Part I. Mechanical and	Virus Removal by Diatomaceous-Earth Filtra-	W74-00205 7-01 10A
Biological Optima,	tion - Part 1.	7-01 103
W74-00431 7-01 5D	W74-08215 7-16 5F	BRUCE, W. N.
		Chlorinated Hydrocarbon Insecticides in Sedi-
BROWN, K. J.	BROWN, V. M.	ments of Southern Lake Michigan,
Floods in the Vicinity of Crete, Nebraska,	Supply-Economic Relationships of Offshore	W74-01397 7-03 5B
W74-08444 7-16 7C	Petroleum Operations,	
BROWN, K. W.	W74-09552 7-18 3E	Isotopic Composition of Helium in Thermal
A Resistance Model to Predict Evapotranspira-	The Toxicity of Some Forms of Copper to	Springs of Iceland (Izotopnyy sostav geliya ter-
tion and Its Application to a Sugar Beet Field,	Rainbow Trout,	mal'nykh istochnikov Islandii),
W74-03921 7-08 2D	W74-11315 7-21 5C	W74-01396 7-03 2K
	W/4-11313	Separation and Identification of Carbofuran,
BROWN, L. H.	BROWN, W. M. III.	Its Metabolites, and Conjugates Found in Fish
Report of the Pollution Commission, Part II:	Bolinas Lagoon, Marin County, California,	Exposed to Ring C-14-Labeled Carbofuran
Collaboration Between the Water and Oil In-	Summary of Sedimentation and Hydrology,	Using ITLC Silica Gel Strips,
dustries,	1967-69,	W74-01577 7-03 5A
W74-05094 7-10 5B	W74-02296 7-05 2L	
BROWN, L. R.	F : B : T : 10 1 - 1 T	BRUCH, J. C. JR.
Comparison of Gelman and Millipore Mem-	Erosion Processes, Fluvial Sediment Transport	Solution of Equation for Vertical Unsaturated
brane Filters for Enumerating Fecal Coliform	and Reservoir Sedimentation in a Part of the	Flow of Soil Water,
Bacteria.	Newell and Zayante Creek Basins, Santa Cruz County, California,	W74-06736 7-13 2G
W74-01554 7-03 5A	W74-11758 7-22 2J	BRUCKENSTEIN, S.
	W/4-11/30	Ring-Disk Electrode Study of the Anodic
BROWN, R. A.	Streamflow, Sediment, and Turbidity in the	Behavior of Gold in 0.2M Sulfuric Acid,
Similarity Constants in the Stratified Planetary	Mad River Basin, Humboldt and Trinity Coun-	W74-05446 7-11 2K
Boundary Layer,	ties, California,	7-11 216
W74-05166 7-10 2E	W74-11770 7-22 2E	Rotating Ring-Disk Electrode Study of the Ad-
BROWN, R. F.	PROWN W II II	sorption of Lead on Gold in 0.5M Potassium
Artificial-Recharge Experiments and Opera-	BROWN, W. V. II.	Chloride,
tions on the Southern High Plains of Texas and	French Law and the Policy Toward Pollution In	W74-07555 7-14 2K
New Mexico,	the Mediterranean, W74-10700 7-20 6E	
W74-00325 7-01 4B	W74-10700 7-20 6E	BRUCKMAN, L.
	BROWNELL, L. E.	The Environmental Impact of Cadmium,
Artificial RechargeState of the Art,	Soil Moisture Transport in Arid Site Vadose	W74-07530 7-14 5A
W74-03354 7-07 4B	Zones,	BRUCKNER, B. H.
Artificial RechargeState of the Art,	W74-07780 7-15 2G	Simplified Atomic Absorption Determination of
W74-09091 7-17 4B		Stable Strontium in Milk and Hay: A Com-
17-17 4B	BROWNING, J. S.	parison of Methods and Stepwise Procedure,
Clogging in Recharge Wells, Causes and Cures,	Solubility of 1,1,2,2-Tetrabromoethane in	W74-11652 7-22 5A
W74-03824 7-08 4B	Water as a Function of Temperature,	
	W74-08589 7-16 5B	BRUEHL, G. W.
Role of Borehole Geophysics in Underground	BROWNING, K. A.	In Vitro Interactions of Fusarium and Verticilli-
Waste Storage and Artificial Recharge,	Structure and Mechanism of Precipitation and	um Wilt Fungi with Water, pH and Tempera-
W74-03229 7-07 5E	the Effect of Orography in a Wintertime Warm	ture,
BROWN, R. G.	Sector,	W74-05341 7-10 3F
Vascular Plants of the Chesapeake Bay,	W74-12975 7-24 2B	BRUINSMA, W. A.
W74-00903 7-02 2L		Conceptual Design and Cost Estimate of a
	BROWNING, V. D.	Vapor Compression VTE/MSF Desalting Plant,
BROWN, R. J. E.	Plant Water Status in Relation to Clouds,	W74-11630 7-22 3A
Influence of Climatic and Terrain Factors on	W74-08801 . 7-17 2D	1-22 3A
Ground Temperatures at Three Locations in	DRUBANED I II	BRULAND, K. W.
the Permafrost Region of Canada,	BRUBAKER, J. H.	History of Metal Pollution in Southern Califor-
W74-04348 7-09 2C	Application of Analytical Instrumentation to	nia Coastal Zone.

Industrial Monitoring of Aqueous Effluents, W74-10973 7-21 5B

Sampling for Waste Water Analyzers. Part I:

Sampling for Waste Water Analyzers. Part II:

Systematic Approach, W74-00642

Effective Applications, W74-00643

7-21 5A

7-10 6B

Economic, Social and Environmental Impacts of Public Works, Vol. I Pittsburgh Area Stu-dies, Vol. II. The Alegheny County Sanitary Authority (AlCoSan) Facility, Vol. III. Impact

nia Coastal Zone,

W74-11130

Analysis, W74-05231

7-02 5A

7-02 5A

BRUMBAUGH, R.

BROWN, R. J. E. AND

Review, 1963-1973,

W74-04353

BROWN, R. L.

W74-02744

Distribution of Permafrost in North America

and Its Relationship to the Environment: A

On the Mechanics of the Hard Slab Avalanche,

7-09 2C

7-06 2C

Sewage Collection and Treatment Systems: Is-

sues in and Approaches to Impact Analysis, W74-05241 7-10 6B

Detection of Organophosphorous Pesticides by

in Situ Fluorometry on Thin-Layer Chromato-

W74-05241

BRUN, G. L.

grams, W74-06025

BRUN, L. J.

An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the

Rio Grande in New Mexico: Middle Rio

An Analytical Interdisciplinary Evaluation of

the Utilization of the Water Resources of the

Rio Grande in New Mexico: Socorro Region,

Grande Region,

W74-05408

7-12 5A

7-15 6B

BRYAN, J. E.

W74-01743

W74-00119

BRYANT, F. A.

tion,

7-11 6B

Food Specialization by Individual Trout,

Taste Thresholds of Halogens in Water,

Method and Apparatus for Damping Wave Ac-

7-04 2I

7-01 5F

Estimating Transpiration Resistance,	An Analytical Interdisciplinary Evaluation of	W74-10590 7-20 8B
W74-10806 7-20 2D		
	Rio Grande in New Mexico: Upper Rio	BRYANT, P. E.
BRUNE, A. W.	Grande,	Let as a Determinant of Oxygen Enhancement
Hydraulic Performance of Pennsylvania		Ratio and Shape of Survival Curve for Chla-
Highway Drainage Inlets Installed in Paved		mydomonas,
Channels,	A Conjunctive use Surface Water-Ground	W74-00732 7-02 5C
W74-11009 7-21 8A		BRYANT, R. D.
BRUNER, R. J. III.	W74-02452 7-05 2F	Treatment of Domestic Sewage at Offshore Lo-
Biological, Physical and Chemical Treatment of	Evaporation and Cooling of a Lake Under Un-	cations.
Wood Soaking Vat Wastewater,	stable Atmospheric Conditions,	W74-03221 7-07 5D
W74-08449 7-16 5D		
	7-01 25	BRYSON, M. C.
BRUNETT, J. O.	Numerical Solution of Multiphase Well Flow,	Autocorrelation Structure of Monthly Stream-
Water-Supply Development and Management	W74-01275 7-03 8B	flows,
Alternatives for Clinton, Eaton, and Ingham		W74-11419 7-21 2E
Counties, Michigan,	BRUTSAERT, W. H.	
W74-11223 7-21 4E		BRYUKHANOV, A. V.
PRINCE W. A	Water Surface and Atmosphere,	Geophysical Measurements of the Thickness of
BRUNGS, W. A.	W74-01930 7-04 2D	the Malyy Azau Glacier (Geofizicheskiye
Continuous-Flow Bioassays with Aquatic Or	BRUUN, P.	opredeleniya moshchnosti lednika Malyy
ganisms: Procedures and Applications, W74-11326 7-21 5A		Azau), W74-01390 7-03 2C
W /4-11326 /-21 37	Profiles Relation to Littoral Drift,	W 74-01390 7-03 2C
Effects of Residual Chlorine on Aquatic Life,	W74-04749 7-09 2L	BRZOZOWSKA, J.
W74-03298 7-07 50		Polyphenols of Cotton Leaves and the Effect
	Quantitative Research on Littoral Drift in Field	on Their Composition of Water and Nutritional
BRUNI, V.	and Laboratory,	Stress (In French),
Further Contribution to the Study of Nitrifica	W74-04966 7-10 2J	W74-13344 7-24 3F
tion in the Sea and in a Brackish Water En		
vironment (In Italian),	Quantitative Tracing of Littoral Drift,	BU'LOCK, J. D.
W74-10341 7-19 51	W74-04617 7-09 2J	Effects of pH and Temperature on the Fatty
		Acid Composition of Bacillus Acidocaldarius,
BRUNO, R. O.	BRUVOLD, W. H.	W74-05461 7-11 5C
An Annotated Bibliography of Aerial Remote		BUACHINGS C. I
Sensing in Coastal Engineering, W74-02646 7-05 21	W74-09171 7-17 6D	BUACHIDSE, G. I. Thermal Waters of Georgia,
W74-02646 7-05 21	Public Use and Evaluation of Reclaimed	W74-08987 7-17 2F
BRUNSDEN, D.	Water.	W/4-0898/
Impermanent Lakes,	W74-11878 7-22 5D	BUACHIDSE, I. M.
W74-09261 7-18 2H		Thermal Waters of Georgia,
7.10 21	BRUYNESTEYN, A. AND	W74-08987 7-17 2F
BRUNSDEN, D. AND	Effects of Condensates on the Toxicity of	
Slope Development on a Mississippi Rive	Kraft Pulp Mill Effluents,	BUATOIS, J.
Bluff in Historic Time,	W74-04521 7-09 5D	Study of the Adaptation of an Activated Sludge
W74-04585 7-09 2		to the Purification of an Industrial Effluent
	BRYAN, B. B.	(Etude de l'adaptation d'une boue activee a
BRUSH, B. M.	Broad Spectrum Microwave Systems for	l'epuration d'un effluent industriel),
Coastal Processes and Long Range Planning,	Remotely Measuring Soil Moisture Content,	W74-07389 7-14 5D
W74-00034 7-01 21	. W74-07052 7-14 2G	DUDELA D
BRUST, R. A.	BRYAN, C. F.	BUBELA, B. Apparatus for Studies of Artificial Sediments,
Effects of Chrome Radiation Exposure O		
Mosquitoes (Diptera: Culicidae). 1. Effects of		W74-04057 7-08 2J
Rearing in Sr-90 + Y-90 Solutions,	W74-03059 7-06 2L	BUBNOV, V. A.
W74-07821 7-15 50		Dynamic Structure of the Region of the An-
7-13 30	BRYAN, G. W.	tilles-Guyana Countercurrent (Dinamicheskaya
BRUSVEN, M. A.	Adaptation of the Polychaete Nereis Diver-	struktura rayona Antilo-Gvianskogo
The Effects of River Fluctuations Resultin	sicolor to Estuarine Sediments Containing High	protivotecheniya),
from Hydroelectric Peaking on Selecte		W74-09938 7-19 2E
Aquatic Invertebrates,	W74-11337 7-21 5C	
W74-07830 7-15 2	I	On Generalized Hydrodynamic Equations Used
	Adaptation of the Polychaete Nereis Diver-	in Heat Transfer Theory,
BRUTSAERT, W.	sicolor to Manganese in Estuarine Sediments,	W74-02880 7-06 8B
An Analytical Interdisciplinary Evaluation of		PUCARAM C M
the Utilization of the Water Resources of th		BUCARAM, S. M.
Rio Grande in New Mexico: Lower Rio Grand		Selection, Handling, and Protection of
Region,	Metals in Estuaries in South-West England, W74-03301 7-07 5C	Downhole Materials: A Practical Approach, W74-05102 7-10 8G
W74-07609 7-15 6	5 W /4-03301 /-0/ 3C	W74-05102 7-10 8G

BUCARO, J. A.

BUCARO, J. A. Depolarized Rayleigh Scattering and Hydrogen	BUDAGOVSKIY, A. I. Importance, Status, and Basic Problems of Studies in Physics of Soil Water (Znacheniye iss-	(Prognozirovaniye izmeneniy vodnogo balansa pod vliyaniyem khozyaystvennoy deyatel'nosti),
Bonding in Liquid Water, W74-12922 7-24 1A	ledovaniy fiziki pochvennykh vod, ikh sovremennoye sostoyaniye i osnovnyye	W74-08709 7-17 4A
BUCHAN, S.	zadachi).	BULKAI, L.
Studies of the Seasonal Variation of the	W74-00843 7-02 2G	The Effect of Hydrometeorological Conditions on the Zeta-Potential of Suspended Solids
Suspended Matter of the Menai Straits. II. Mid Stream Data,	BUDDEMEIER, R. W.	(Hidrometeorologiai viszonyok hatasa a lebego
W74-09741 7-18 5B	Isotopic and Chemical Characteristics of High- Level Groundwater on Oahu, Hawaii,	anyagok Zeta-potencialjara), W74-10907 7-21 5B
BUCHANAN, J. R.	W74-10273 7-19 4B	
Calcium-Magnesium-Potassium Equilibria in Some California Soils.	BUDRENE, S. F.	BULKLEY, R. V. Contamination of Channel Catfish with Diel-
W74-08814 7-17 2G	Problem of Free Amino Acids in Freshwater Plankton and Its Medium, (In Russian),	drin from Agricultural Runoff, W74-13050 7-24 5C
BUCHANAN, M. A.	W74-13377 7-24 5C	
Determination of Phosphorus in Waste Waters	BUDYLINA, V. V.	BULL, C. Analysis of the Concentration of Microparticles
from the Pulp and Paper Industry, W74-03069 7-06 5A	Determination of Phenols in Effluents by Vol- tammetry (Opredelenie fenolov v stokakh	in the Long Ice Core from Byrd Station, W74-06931 7-13 2C
BUCHER, B. L.	vol'tamperometricheskim metodom),	W 74-00931 7-13 2C
Processing Animal Wastes for Feed and Indus-	W74-12964 7-24 5A	BULL, P. S.
trial Products,		Cation-Exchange Removal of Copper from
W74-10152 7-19 5D	BUELL, K. A. Influence of Selected Organic Compounds on	Ammoniacal Aqueous Solution, W74-11027 7-21 5D
BUCHET, J. P.	The Response of a Calcium Ion-Selective Elec-	
Occupational Exposure to Mercury Vapors and Biological Action,	trode, W74-09897 7-19 5A	The Performance of Powdered Ion-Exchange Resins,
W74-09793 7-18 5C	BUFFINGTON, J. D.	W74-11028 7-21 5D
BUCK, R. J.	Assessment of the Ecological Consequences of	BULL, W. B.
Bureau of Mines Environmental Action Pro-	Herbicide Use Along Transmission Line	Geologic Factors Affecting Compaction of
grams for Northeastern PennsylvaniaRefuse	Rights-of-Way and Recommendation for Such Use,	Deposits in a Land-Subsidence Area, W74-01958 7-04 4B
Bank Removal; Subsidence Monitoring, W74-10270 7-19 5A	W74-11977 7-22 5C	
BUCK B B	BUGLIARI, J. B.	Impact of Mining Gravel from Urban Stream Beds in the Southwestern United States.
BUCK, R. P. Anion Responses and Potential Functions for	A Chart of New York Water Law, W74-06614 7-13 6E	W74-06374 7-12 4C
Neutral Carrier Membrane Electrodes,	W/4-00014 /-13 6E	BULLA, L. A. JR.
W74-01334 7-03 2K	BUHLER, D. R.	Scanning Electron Microscopy of Bacterial
Glass Electrode Responses Interpreted by the Solid State Homogeneous- and Heterogeneous-	Occurrence of Hexachlorophene and Pen- tachlorophenol in Sewage and Water, W74-02426 7-05 5A	Colonies, W74-04885 7-10 5A
Site Membrane Potential Theory, W74-06095 7-12 2K	BUICAN, D.	BULLOCK, C. W.
	New Contributions to Biological Study of	Wastewater Treatment and Discharge Survey,
BUCKLE, K. A. Rapid Methods for the Determination of Faecal	Genetic Transmission of Resistance to Dryness in Double Hybrids of Zea Mays,	Offutt AFB NE, Oct 1973, W74-10355 7-20 5D
Contamination in Oysters,	W74-04833 7-09 3F	BULLOCK, E.
W74-13238 7-24 5A	BUKATA, R. P.	Decomposition of Phosphorus in Water,
BUCKLEY, J. L.	Studies in the Lake Ontario Basin Using ERTS-	W74-00707 7-02 5C
Agriculture in the Environment, W74-09664 7-18 5D	1 and High Altitude Data,	BULLOCK, G. L.
	W74-02599 7-05 7B	Studies on Selected Myxobacteria Pathogenic
BUCKMAN, S. J. Water Reuse and Deposits Control,	BUKHTOYAROV, A. P.	for Fishes and on Bacterial Gill Disease in Hatchery-Reared Salmonids.
W74-04520 7-09 5D	Hygienic Features of Percolation Water Intakes (In Russian),	W74-02672 7-06 5C
BUCKNED H D	W74-13400 7-24 4B	BULLOCK, H. E. JR.
BUCKNER, H. D. Hydrologic Data for Mountain Creek, Trinity	Problems in Water Hygiene and Sanitary Pro-	Soil Associations and Land Classification For
River Basin, Texas, 1972, W74-11441 7-21 7C	tection of Water Bodies in Connection with Ur- banization, (In Russian),	Irrigation, McKinley County, W74-09056 7-17 3F
BUCKS D 4	W74-06268 7-12 5G	BULOW, F. J.
BUCKS, D. A. Trickle Irrigation Application Uniformity	BUKOVSKAYA, S. N.	Effects of Acid Mine Drainage on the Stream
from Simple Emitters, W74-08918 7-17 3F	Certain Problems of the Sanitary State of Upper Reaches of the Saratov Water Reser-	Ecosystem of the East Fork of the Obey River, Tennessee,
m: 11 1	voir, (In Russian),	W74-06491 7-12 5C
Trickle Irrigation on Cotton, W74-02347 7-05 3F	W74-08698 7-16 5B	BULTENA, G.
	BULAKHOVA, P. S.	A Summary of a Study of Citizen Views and
Uniform Irrigation with Low-Pressure Trickle Systems,	Effect of Crops and their Predecessors on the Aggregate Composition of Meadow Sierozem	Actions on the Proposed Ames Reservoir, W74-11596 7-22 6B
W74-08323 7-16 3F	Soils, (In Russian),	BULTOT, F.
BUCLKEY, L. J.	W74-05374 7-10 3F	The Evaporation from a Water PanIts Limited
Sulfur and the Toxicity of the Red Alga	BULAVKO, A. G.	Significance (L'evaporation d'un bac d'eau
Ceramium rubrum to Bacillus subtilis,	Forecasting Changes in Water Balance Under	libresa signification restreinte),
W74-02959 7-06 5C	Influence of Human Activity	W74-06908 7-13 2D

BUNDTSETTEL', M. F.	BURCH, R. H.	BURGESS, D. E.
Lake Sary-Chelek and its Zooplankton, (In	A Computer-Based Telecontrol and Communi-	The Design, Planning and Construction of a 45
Russian), W74-02261 7-05 2H	cations System for a Water Supply Network,	inch Diameter Water Main Across a Congested
W74-02261 7-05 2H	W74-06146 7-12 7C	Area of West Bromwich, W74-07751 7-15 8A
BUNN, C. O.	Remote Control of a Water System Using an	7-13 64
Method of and Apparatus for the Recovery of	On-Line Mini Computer,	BURGESS, P. F.
Oil from Water,	W74-12121 7-23 7C	The Effect of Logging on Hill Dipterocarp
W74-07201 7-14 5G		Forest,
Process for Removing Oil and Other Organic	BURCHETT, M. E.	W74-06454 7-12 4C
Contaminants from Water,	Facilities for Controlling the Activated Sludge	BURGESS, R. L.
W74-09175 7-17 5D	Process by Mean Cell Residence Time,	Vegetation of the Missouri River Floodplain in
	W74-11254 7-21 5D	North Dakota,
BUNOW, B. J.	BURDA, C.	W74-02667 7-06 2I
Transport Properties of Charge-Mosaic Mem-	Losses of Inorganic Nitrogen From Aquatic	
branes - Part B, W74-00311 7-01 3A	Systems.	BURGETT, C. A.
W/4-00311 /-01 3A	W74-07426 7-14 5B	Gas Chromatographic Studies of Mixed-Ligand
BURAKHOVICH, M. S.		Complexes of Divalent Cations,
Effect of a Cinder Settling Tank of a Thermal	BURDGE, R. J.	W74-07582 7-14 5A
Electric Power Plant on the Quality of Subsur-	Social Costs and Benefits of Water Resource	Synergic Solvent Extraction of Divalent Ca-
face Waters, (In Russian),	Construction,	tions with Decafluoroheptanedione and Di-n-
W74-02231 7-05 5B	W74-03204 7-07 6B	Butylsulfoxide,
BURAKOV, D. A.	BURDICK, D.	W74-05472 7-11 5A
Probability Analysis in an Approximate Theory	Interfacing a Programmable Electronic Calcula-	
of Movement of Water Masses,	tor with an Automatic Amino Acid Analyzer,	BURGNER, R. L.
(Veroyatnostnyy analiz v priblizhennoy teorii	W74-04866 7-10 5A	Optimum Escapement Studies of Chignik
peremeshcheniya vodnykh mass),	7-10 JA	Sockeye Salmon,
W74-02305 7-05 2E	BURDICK, G. E.	W74-08176 7-16 8I
BURAS, N.	Arsenic Content of Fish from New York State	BURGOS, J. J.
Rainfall Intensities in Israel,	Waters,	Agroclimatic Areas for Wheat and Bioclimatic
W74-05123 7-10 2B	W74-01900 7-04 5C	Characteristics of its Cultivars in Uruguay, (In
	THE . COLUMN TO 1111 1 CO. A.P	Spanish).
Scientific Allocation of Water Resources,	Effect of Blackfly Larviciding in Some Adiron-	W74-02354 7-05 3F
Water Resources Development and Utilization	dack Streams, W74-11489 7-22 5C	
- A Rational Approach,	W/4-11489 1-22 3C	BURGUET, J. E.
W74-00885 7-02 6A	Effect of Rate and Duration of Feeding DDT	Look, No Clarifier,
BURAVCHUK, N. I.	on the Reproduction of Salmonid Fishes	W74-03220 7-07 5F
Study of Soil Plasticity over a wide Range of	Reared and Held Under Controlled Conditions,	BURK, C. J.
Soil Moisture Contents,	W74-11933 7-22 5C	Partial Recovery of a Vegetation in a Pollution
W74-01636 7-03 2G	The Mark In Mark Work State First	Damaged Marsh,
BURBANK, D. C.	Trace Metals in New York State Fish,	W74-02663 7-06 5C
ERTS-1 Observations of Sea Surface Circula-	W74-11934 7-22 5C	
tion and Sediment Transport, Cook Inlet,	BURDICK, J. C. III	BURK, G. A.
Alaska,	Impact of Sewage Treatment Modifications on	Rates and Products of Decomposition of 2,2-
W74-06670 7-13 2L	Water Quality of a Reservoir,	Dibromo-3-Nitrilopropionamide,
BURDANE N C ID	W74-02483 7-05 5D	W74-02382 7-05 5B
BURBANK, N. C. JR.		BURK, R. F.
Virus Removal in Hawaiian Soils, W74-03293 7-07 5F	BURDON, D. J.	Influence of Dietary and Injected Selenium on
W 14-03273	Can Freezing Improve Wells in Consolidated	Whole-Body Retention, Route of Excretion,
BURBY, R. J. III	Rock Aquifers,	and Tissue Retention of 75SeO3 () in the Rat,
The Effects of Authorization for Water Im-	W74-12532 7-23 4B	W74-07708 7-15 5C
poundments on Shoreland Transition,	BURFORD, J. R.	PURPLE OF W. ID.
W74-02826 7-06 6B	Is Phosphate Reduced to Phosphine in Water-	BURKE, G. W. JR.
Lake Norman Developmental Impact Study,	logged Soils,	The Need for an Indicator Virus in Water
W74-05869 7-11 6B	W74-03523 7-07 2G	Quality Testing, W74-08880 7-17 5A
		17-100000 /-1/ 3A
Multipurpose Reservoirs and Urban Develop-	BURGE, D. L.	BURKE, J. C.
ment,	Areal Snowpack Water-Equivalent Determina-	Plutonium in North Atlantic Ocean Organisms;
W74-04319 7-09 6B	tions Using Airborne Measurements of Passive	Ecological Relationships,
Vacation Home Location: A Model for Simu-	Terrestrial Gamma Radiation,	W74-07800 7-15 5C
lating the Residential Development of Rural	W74-10681 7-20 2C	BURKE, R. III
Recreation Areas,	BURGER, L. L.	Water Resources and Social Choices,
W74-02115 7-04 6B	The Technology of Tritium Fixation and	W74-03951 7-08 6B
BURCH, J. B.	Storage,	7-06 OB
Biota of Freshwater Ecosystems Identification	W74-07789 7-15 5D	BURKHALTER, P. G.

Tritium Separation and Fixation,

Steady State Ground Motions Caused by Sin-

W74-13109

BURGES, S. J.

W74-00361

7-13 5B

gle-Well Pumping,

Manual No. 11 Freshwater Unionacean clams

(Mollusca:Pelecypoda) of North America, W74-00564 7-02 2A

BURCH, L. A.
Effects of Solid Waste Disposal on Ground

Water Quality,

W74-06949

7-12 5A

Trace Metal Water Pollutants Determined by

Wellbore Pressure Surges Produced by Pipe

X-ray fluorescence, W74-06079

BURKHARDT, J. A.

Movement,

W74-03146

7-24 5D

7-01 4B

BURKHEAD, C. E.

BURKHEAD, C. E. Wastewater Treatment: Lagoons and Oxidation	BURNS, B. C. Vacuum Sewage Conveying with Vacuum	BURSTON, U. V. Proposed Kielder Water Reservoir Scheme
Ponds, W74-12936 7-24 5D	Operated Valve, W74-09731 7-18 5D	Computer Application in Yield Assessment, W74-12130 7-23 4A
W /4-12936	W/4-09/31	
BURKS, S. L. Effects of Residual Toxins in Oil Refinery Ef-	BURNS, C. A. Analytical Methodology for Mercury-Discus-	BURSZTYNSKY, T. A. In-Process Pollution Abatement: Upgrading
fluents on Aquatic Organisms, W74-12348 7-23 5C	sion Paper, W74-06793 7-13 5A	Poultry-Processing Facilities to Reduce Pollution,
DUDI EICH H D	BURNS, D. E.	W74-03498 7-07 5D
BURLEIGH, H. P. Report by the National Water CommissionA Review,	Carbon Treatment of a Municipal Wastewater, W74-09715 7-18 5D	BURT, J. P. Water Quality Considerations in Planning Small
W74-02463 7-05 6B	Physical-Chemical Treatment of a Municipal	Watersheds, W74-13319 7-24 5G
BURLINGAME, A. L.	Wastewater Using Powdered Carbon,	BURT B I
Application of Real-Time Mass Spectrometric Techniques to Environmental Organic	W74-00154 7-01 5D	BURT, R. J. Hydrology of Basalt Aquifers and Depletion of
Geochemistry. II. Organic Matter in San Fran-	BURNS, J. J.	Ground Water in East-Central Washington,
cisco Bay Area Water,	Sea-Surface Circulation, Sediment Transport,	W74-06311 7-12 2F
W74-09742 7-18 5A	and Marine Mammal Distribution, Alaska Con- tinental Shelf,	BURT, W. V.
BURMAN, R. D.	W74-00298 7-01 2J	Verification of Water Temperature Forecasts
A Large Undisturbed, Weighing Lysimeter for		for Deep, Stratified Reservoirs,
Grassland Studies,	BURNS, K.	W74-04807 7-09 4A
W74-06581 7-13 2G	Intercalibration of Analyses of Recently Biosynthesized Hydrocarbons and Petroleum	BURTON, D. R.
BURNET, A. M. R.	Hydrocarbons in Marine Lipids,	Minimizing Water and Sewer System Costs
Effects of Paraguat on Invertebrates in a Can-	W74-02390 7-05 5A	Using Topaz, W74-09658 7-18 6A
tebury Stream, New Zealand,	BURNS, K. A.	W74-09658 7-18 6A
W74-01298 7-03 5C	Hydrocarbon Incorporation Into the Salt Marsh	BURTON, J.
BURNEY, J. R.	Ecosystem from the West Falmouth Oil Spill,	Industrial Water Softener Waste Brine Recla-
Simulation of the Hydrology of Ungaged	W74-00824 7-02 5	mation, W74-08941 7-17 5D
Watersheds,	BURNS, V. T. JR.	W /4-08941 /-1/ 3D
W74-05403 7-11 2A	Reverse Osmosis Cuts Solids,	BURTON, J. D.
DUDNEY	W74-13280 7-24 5D	Concentrations of Some Trace Metals in
BURNEY, L. Florida's Rationale for Coastal Zone Manage-		Pelagic Organisms and of Mercury in Northeast Atlantic Ocean Water.
ment.	BURNS, W. A. JR. New Single-Well Test for Determining Vertical	W74-01523 7-03 5C
W74-05657 7-11 6E	Permeability,	
mainsian and a W	W74-04150 7-08 8G	The Occurrence of Some Trace Metals in Coastal Organisms with Particular Reference to
BURNHAM, A. K. Trace Organics In Water: Their Isolation and		the Solent Region,
Identification,	BURPO, C. E. Evaluation of Zinc Availability in Foodstuffs of	W74-11332 7-21 5B
W74-03848 7-08 5A	Plant and Animal Origin,	BURTON, L. R.
DUDANIAM I D	W74-07706 7-15 5C	Riprap Slope Protection for Earth Dams: A
BURNHAM, J. B. Tomorrow's Environmental Benefit-Cost Anal-	BURD I C	Review of Practices and Procedures,
ysis,	BURR, J. C. Use of Whatman-41 Filters in Air Quality Sam-	W74-01093 7-02 8D
W74-06115 7-12 6G	pling Networks (With Applications to Elemen-	BURTON, R.
BUDNIESM I C	tal Analysis),	A Foul Tide,
BURNHAM, J. C. Bacterial Control of Aquatic Algae,	W74-10666 7-20 5A	W74-05793 7-11 5B
W74-12657 7-23 5C	BURRELL, D. C.	BURTSEV, P. N.
	Soluble Aluminum in Marine and Fresh Water	The Analysis of the Possibilities of Current
The Effect of Selenite on the Physiological and	by Gas-Liquid Chromatography,	Meter Operation in Turbulent Streams,
Morphological Properties of the Blue-Green Alga Phormidium luridum Var. Olivacea,	W74-01446 7-03 5A	W74-11501 7-22 7B
W74-07550 7-14 5C	BURRESS, R. M.	BURWELL, R. E.
	Herbivorous Fish for Aquatic Plant Control,	Nitrogen and Phosphorus Losses in Surface
An Improved Method of Cell Enumeration for Filamentous Algae and Bacteria,	W74-07470 7-14 4A	Runoff from Agricultural Land as Influenced
W74-01421 7-03 5A	BURROWS, W.	by Placement of Broadcast Fertilizer, W74-04096 7-08 5C
	Geothermal Energy Resources for Heating and	W74-04096 7-08 5C
BURNISON, K. B. Heterotrophic Potential for Amino Acid Un-	Associated Applications in Rotorua and Sur-	Nitrogen Losses in Surface Runoff from
Heterotrophic Potential for Amino Acid Up- take in a Naturally Eutrophic Lake,	rounding Areas, W74-09042 7-17 4B	Agricultural Watersheds on Missouri Valley
W74-08678 7-16 5C	7-17 48	Loess, W74-06345 7-12 5B
	BURROWS, W. D.	
BURNITT, S. C. Woody Phreatophytes Along the Colorado	Studies on Uptake and Loss of Methylmercury-	Quality of Water Discharged from Two
River From Southeast Runnels County to the	203 by Bluegills (Lepomis macrochirus Raf.), W74-03839 7-08 5C	Agricultural Watersheds in Southwestern Iowa, W74-07528 7-14 5B
Headwaters in Borden County, Texas,		
W74-08371 7-16 3B	BURSON, Z. G.	BURYI, V. S.
BURNS, A. W.	Areal Snowpack Water-Equivalent Determina- tions Using Airborne Measurements of Passive	Hygienic Evaluation of a Machine for Applying Granulated Herbicides in Canals of the Collec-
Ipswich River Basin Model Study,	Terrestrial Gamma Radiation,	tor-Drainage Network, (In Russian),
W74-07302 7-14 6D	W74-10681 7-20 2C	W74-04166 7-08 5G

	BIOU B M	BUTKOVICH, T. R.
BURZ, J. Experiences with Photometric Turbidity Mea-	BUSH, R. M. Potential Effects of Thermal Discharges on	Cost and Feasibility of Stimulating Tight Gas
surements.	Aquatic Systems,	Reservoirs with Chemical Explosives,
W74-11540 7-22 7B	W74-11107 7-21 5C	W74-11663 7-22 8H
	BUCHPOPP M C	BUTLER, G.
BURZI, K. E. Some Data on Secondary Salinization of	BUSHKOFF, M. C. MSF Distillation Plant (Module), Vertical Tube	Corrosion and its Prevention in Waters,
Krasnoznamenskii Irrigated Massif, (In Rus-	Evaporation (VTEX), Semi-Annual Report,	W74-04151 7-08 8G
sian),	June 1, 1970, through December 31, 1970,	
W74-05376 7-10 3F	W74-11831 7-22 3A	BUTLER, J. P.
	PURIOU P P	Double-Humped Waves on a Sloping Beach, W74-00016 7-01 2J
BURZLAFF, D. F.	BUSICK, D. D.	W74-00016 7-01 2J
Response of Subirrigated Hay Meadows to the	Annual Environmental Monitoring Report of Stanford Linear Accelerator Center (California)	BUTLER, L. R. P.
Application of Nitrogen, Phosphorus, and Sul-	- January-December 1972,	The Determination of Trace Quantities of
fur, W74-08802 7-17 3F	W74-09858 7-19 5A	Molybdenum by Atomic Absorption Spec-
717 31		troscopy,
BUSAROV, V. N.	BUSQUE, G.	W74-11371 7-21 5A
Investigation of Correlation of Annual Runoff	Biological Treatment of Water Used in Potato Chip Manufacture, With Yeasts, (In French),	BUTLER, P. A.
for Appalachian Rivers (Issledovaniye korre-	W74-05944 7-11 5D	Organochlorine Residues in Estuarine Mol-
lyativnoy svyazi godovogo stoka Ap-	7.11 35	lusks, 1965-72 - National Pesticide Monitoring
palachskikh rek), W74-02752 7-06 2E	BUSSE, M.	Program,
7-00 25	Bacteriological Studies on Gravel Pit Lakes	W74-00291 7-01 5C
Relation of Seasonal Distribution of Runoff to	(Bakteriologische Untersuchungen an Bagger-	BUTLER, S. S.
Fluctuations in Annual Discharge	seen), W74-01976 7-04 5A	Discharge and Travel Time for Ground-Water
(Obuslovlennost' vnutrigodovogo ras-	W/4-015/0	Conduits,
predeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E	BUSSON, G.	W74-08383 7-16 8B
W74-10222 7-19 2E	Importance of Diatoms in the Present Varve	BUTORAC, A.
BUSBY, F. E.	Deposition (Alternation of Annual Layers) of	Variations in Potassium Content of Alfalfa
Intensive Infiltrometer Studies on A Plowed	Green Lake (Near Fayetteville, N.Y.), Model	Grown on Pseudogley Soil Depending on
Big Sagebrush Site,	of Confined Sedimentation, (In French), W74-03577 7-07 2H	Mineral Fertilizing, (In Serbo-Creation),
W74-07166 7-14 2G	W/4-035//	W74-08097 7-15 3F
Loss of Particulate Organic Materials from	BUSTAMANTE, R. B.	BUTOV, K. N.
Semiarid Watersheds as a Result of Extreme	Heavy Metal Removal From Wastewater Treat-	Changes of Plant Communities in Overgrown
Hydrologic Events,	ment Plant By Chemical Treatment,	Bodies of Water of the Amu-Darya Delta, (In
W74-00378 7-01 2A	W74-11359 7-21 5D	Russian),
	BUSTERUD, J. A.	W74-01018 7-02 2L
BUSCH, C. D.	The Military Attacks Pollution,	BUTRUILLE, Y.
An Irrigation Scheduling Model Which Incor- porates Rainfall Predictions,	W74-10766 7-20 5G	Frame for a Semi-Permeable Membrane As-
W74-07440 7-14 3F	DUTARNALI	sembly,
	BUTAEVA, I. L. Gas-Chromatographic Determination of	W74-08898 7-17 8C
Soil Crusting Related to Sprinkler Intensity,	Hydrogen Sulfide in Aqueous Solutions (Gazo-	BUTT, K-U.
W74-04560 7-09 3F	khromatograficheskoe opredelenie	Microdetermination of Resorcinol in Presence
Soil Crusting Related to Sprinkler Intensity,	serovodoroda v vodnykh raztvorakh),	of Phenol,
W74-08844 7-17 3F	W74-12962 7-24 5A	W74-07580 7-14 5A
	BUTCHBAKER, A. F.	
BUSCH, J. R.	Climate and the Selection of a Beef Housing	BUTT, V. S. The Relation Between the Synthesis of Inor-
Effect of Irrigation, Fertilization, and Other	and Waste Management System,	ganic Polyphosphate and Phosphate Uptake by
Cultural Practices on Water Quality,	W74-10134 7-19 5D	Chlorella Vulgaris,
W74-02321 7-05 5C	BUTCHBAVEB A B	W74-04094 7-08 5C
BUSCHBACH, T. C.	BUTCHBAKER, A. R. Evaluation of Beef Waste Management Alter-	DUTTOPPETT O
Underground Storage of Natural Gas in Illinois-	natives,	BUTTGEREIT, G. Modified Atomic Absorption Spectroscopic
1973,	W74-09693 7-18 5D	Methods in Analyses of Trace Metals
W74-10834 7-20 8E		(Modifizierte atomabsorptionsspektroskopische
BUSCHBOM, U.	BUTCHER, R. D.	Methoden zur Metallspuren-Analytik),
Stomatal Responses to Changes in Humidity in	Conservationists Go to CourtPart 1,	W74-03586 7-07 5A
Plants Growing in the Desert,	W74-06971 7-13 4D	BUTTON, D. K.
W74-06241 7-12 2I	BUTCHER, W. R.	Hydrocarbon Biodegradation in Alaskan
C	Distributional Consequences of Recreation	Waters,
Stomatal Responses to Changes in Temperature	Provision in Water Resource ProjectsThe	W74-08627 7-16 5B
at Increasing Water Stress, W74-05366 7-10 21	Potholes Reservoir,	DIFTON I W U
7-10 21	W74-10550 7-20 6B	BUTTRILL, W. H. Collaborative Study of a Colorimetric Method
BUSH, D. C.	BUTCHER, W. S. AND	for Determining Arsenic Residues in Red Meat
Proper Hydration of Clays for Rock Property	Complete Listing of Program Described in Op-	and Poultry,
Determinations,	timal Operation of Multi-Reservoir Water	W74-01403 7-03 5A
W74-03153 7-06 2F	Resources Systems,	DUTTWIN C W
BUSH, J. H.	W74-04315 7-09 4A	BUTTWIN, G. W. The Identification of the Reaction Products
Geophysical Investigations of Washington's	Optimal Operation of Multi-Reservoir Water	Formed by the Oxidation of Aqueous Ammonia
Ground Water Resources,	Resources Systems,	with Potassium Ferrate VI,
W74-06262 7-12 2F	W74-04314 7-09 4A	W74-07333 7-14 5D

BUTZ, I.

BUTZ, I.	BYKOV, V. D.	branes and Osmotic Pumping to Achieve Con-
Observations on Upstream Migration by	Prospects for the Use and Conservation of	centration,
Imagines of Some Plecoptera and Ephemeroptera.	Water Resources in the USSR (Perspektivy ispol'zovaniya i okhrany vodnykh resursov	W74-10981 7-21 5F
W74-02967 7-06 5B	SSSR),	CABELLI, V. J.
W/4-02307	W74-01387 7-03 6B	Membrane Filter Technique for Enumeration
BUXTON, D. R.		of Pseudomonas Aeruginosa,
Cotton: A Computer Simulation of Cotton	Relation of Seasonal Distribution of Runoff to	W74-10042 7-19 7B
Growth,	Fluctuations in Annual Discharge (Obusloylennost' vnutrigodoyogo ras-	CABLE, C.
W74-05213 7-10 3F	(Obuslovlennost' vnutrigodovogo ras- predeleniya stoka kolebaniyami vodnosti goda),	Can Dredging Be Continued to Maintain Great
The Economics of Short-Season Cotton	W74-10222 7-19 2E	Lakes.
Production in Arizona,		W74-10899 7-20 6D
W74-03928 7-08 3F	BYKOV, V. G.	-100 c 2 w
BUNDAY M W	Effect of Different Irrigation Methods on the	CABLE, D. R.
BUYKOV, M. V. Procedure for Evaluating the Effect of Convec-	Alfalfa Crops in Rice Crop Rotations, (In Rus-	Invasion of Semidesert Grassland by Velvet
tive Cloud Modification for the Purpose of Ar-	sian), W74-13172 7-24 2I	Mesquite and Associated Vegetation Changes, W74-05226 7-10 3F
tificially Controlling Precipitation and the	W/4-131/2 /-24 21	W /4-03220 /-10 3F
Results of Aircraft Studies on the Structure of	BYKOVSKAYA, T. K.	CABLE, L. W.
Cumulus Clouds,	Organic Matter Composition Under Different	Ground-Water Resources of Montgomery
W74-09378 7-18 3B	Forest Types in a Derno-Podzolic Zone, (In	County, Indiana,
WEITER A. D. A. A.	Russian),	W74-07645 7-15 2F
BUZAS, M. A.	W74-00984 7-02 2K	Hardware leave of the Dringing Lawifors in Cul-
Foraminifera of the Chesapeake Bay, W74-00905 7-02 2L	BYLINSKY, G.	Hydrogeology of the Principal Aquifers in Sul- livan and Greene Counties, Indiana,
7-02 2L	The Long Littered Path to Clean Air and	W74-04049 7-08 2F
BUZNIKOV, A. A.	Water,	174-04049
Remote Sensing of Water Pollution and	W74-06234 7-12 5D	CABRERA, J. G. AND
Phytoplankton by Optical Methods		Quickclays as Products of Glacial Action: A
(Distantsionnoye obnaruzheniye zagryazneniy	BYRNE, J. V.	New Approach to Their Nature, Geology, Dis-
vodnykh basseynov i fitoplanktona op-	Natural Indicators of Estuarine Sediment	tribution and Geotechnical Properties,
ticheskimi metodami), W74-01966 7-04 5A	Movement, W74-00512 7-01 2L	W74-04590 7-09 2G
W 74-01900 7-04 3A	W74-00312	CACERES, M. R.
BUZZELL, T. D.	Sedimentary Response to Hydrography in an	Hydric Regime of an Argiudol (In Spanish),
Low Temperature Extended Aeration Through	Oregon Estuary,	W74-05324 7-10 2G
the use of a Floating Tube Settler and Wood	W74-04934 7-10 2L	
Stave Tankage,	BYRNE, R. F.	CADIMA, Z. ANTONIO
W74-10178 7-19 5D	Applicability of Programming Models to Pricing	Effects of Drainage on the Yield of Cacao, (In
A Sewage-Treatment Concept for Permafrost	and Risk Control in Water Resource Manage-	Portuguese),
Areas,	ment,	W74-07435 7-14 3F
W74-04419 7-09 5D	W74-06104 7-12 6A	CADLE, S. H.
	O. T. die B. Hetier Control Believ	Ring-Disk Electrode Study of the Anodic
BYARS, H. G.	On Taxation as a Pollution Control Policy, W74-09049 7-17 5G	Behavior of Gold in 0.2M Sulfuric Acid,
Selection, Handling, and Protection of	W /4-09049 /-1/ 3G	W74-05446 7-11 2K
Downhole Materials: A Practical Approach, W74-05102 7-10 8G	BYRNE, R. J.	
W 74-03102 7-10 80	An Inexpensive, Fast Response Current Speed	CADMAN, T. W.
BYBORDI, M.	Indicator,	Capital and Operating Costs of Pollution Con-
Ghanats of Iran: Drainage of Sloping Aquifer,	W74-03310 7-07 7B	trol Equipment Modules, Volume I, USER GUIDE.
W74-12318 7-23 4B	BYRNES, J. B.	W74-00307 7-01 5G
Steady State Potential Profiles in Layered	Map Showing Depth to Bedrock, Hartford	7-01 30
Porous Materials.	South Quadrangle, Connecticut,	Capital and Operating Costs of Pollution Con-
W74-12836 7-24 2F	W74-12627 7-23 7C	trol Equipment Modules, Volume II, DATA
		MANUAL,
BYCHKOV, N. V.	BYSHOVETS, L. B.	W74-00308 7-01 5G
Radiation Oxidation of Water Admixtures in	Experiment in Calculating Movement of the	Transient Analysis of a State Park Extended
Water-Containing Human Wastes (In Russian),	1970 Flood Wave Along the Cascade of Dniper Reservoirs (Opyt rascheta dvizheniya volny	Aeration Wastewater Facility,
W74-05252 7-10 5D	polovod'ya 1970 g. po kaskadu dneprovskikh	W74-08838 7-17 5D
BYE-JORGENSEN, J.	vodokhranilishch),	
Decanting Centrifuge for Draining Off Water	W74-00594 7-02 2E	CADOTTE, J. E.
from Sewage Sludge,		Fabrication and Testing of Tubular Reverse Os-
W74-05899 7-11 5D	Procedures for Computing Movement of Spring	mosis Modules Containing Ultrathin Mem-
RVEDIAV I D	Flow Along the Cascade of Reservoirs on the	branes for Wet-Dry Cycling Operations, W74-00313 7-01 5F
BYERLAY, J. R. Groundwater and Geology of Baraga County,	Dnieper River (Metodika rascheta dvizheniya vesennego stoka po kaskadu vodokhranilishch	7-01 3F
Michigan.	na Dnepre),	In-Situ Formed Condensation Polymers for
W74-11987 7-22 4B	W74-00593 7-02 4A	Reverse Osmosis Membranes,
		W74-08504 7-16 3A
BYERS, G. E.	BYSTROV, I. A.	CADV E B
The Persistence and Movement of Picloram	Effects of Ice Formation on the Salt Regime of	CADY, F. B. Combining Experiments to Predict Future
and 2,4,5-T in Soils, W74-05459 7-11 5B	a Reservoir (Vliyaniye ledoobrazovaniya na solevoy rezhim vodokhranilishcha),	Yield Data.
7-11 3B	W74-08704 7-17 2C	W74-10344 7-19 3F
######################################		7.57

CAENEGHEM, J. V.

The Present and Future Situation of Nuclear

Energy Production and its Associated Industry-

Sugar-Beet Seed, W74-07951

BYFORD, W. J.
Organo-Mercury Fungicide Treatment of

CABASSO, I.

7-15 5B

Trace Organic Contaminants in Drinking Water; Evaluation of Semi-Permeable Mem-

-Normal Operation, Accident Prevention and Mitigation, Comparative Risk Assessment, W74-11953 7-22 5C	CALABRESE, G. Research on Red Algal Pigments. 5. The Effect of the Intensity of White and Green Light on	A Research Hydraulic Flume for Modeling Drifting Snow - Design, Construction and Calibration,
CAGLIOSTRO, L. P.	the Rate of Photosynthesis and its Relationship	W74-10644 7-20 2C
Combined Sewer Overflow for The Hudson	to Pigment Components in Gracilaria Compres- sa (C. AG.) Grev. (Rhodophyceae, Gigar-	CALLAHAN, J. T. Development of Water from Fractured Crystal-
River Conference, W74-05112 7-10 5D	tinales),	line Rocks, Republic of Korea,
W 74-03112 7-10 3D	W74-05300 7-10 5C	W74-12018 7-23 4B
CAHN, P. H.	CALAMARI, D.	A Summary on Ground Water in the Han River
Mercury Concentrations in Fish, Plankton, and Water from Three Western Atlantic Estuaries,	The Toxicity of Mixtures of Metals and Surfac-	Basin, Republic of Korea,
W74-11715 7-22 5A	tants to Rainbow Trout (Salmo Gairdneri Rich.),	W74-05546 7-11 4B
	W74-06138 7-12 5C	CALLADAN A T AND
CAIN, J. M.		CALLAHAN, J. T. AND The Need of Geological Investigations for the
Estimating Regional Wastewater Treatment Costs,	CALDER, D. R.	Development of the Ground Water Resources
W74-00169 7-01 5D	Cnidaria of the Chesapeake Bay, W74-00907 7-02 2L	of the Republic of Korea,
	W/4-0070/	W74-04466 7-09 4B
CAIN, J. R.	CALDER, G. V.	CALLAHAN, M. W.
A Bioassay Compromise, W74-05045 7-10 5C	Trace Organics In Water: Their Isolation and	Zonal Centrifugation: Applied Aspects in Elu-
110 30	Identification, W74-03848 7-08 5A	cidating Chemical and Biological Forms, Dis-
CAIRNEY, T.		tribution and Availability of Heavy Metals in
Utilization of Disused Coal Mines as Water	Trace Soluable Organic Compounds in Potable	the Environment, W74-12910 7-24 5B
Storage Reservoirs, W74-13164 7-24 4B	Water Supplies, W74-04855 7-10 5A	
	W 74-04833	CALLANDER, R. A.
CAIRNS, E. J.	CALDERON, G.	Hydraulics of Culvert Outlets, W74-07749 7-15 8B
Food Consumption of the Free-Living Aquatic Nematode Pelodera Chitwoodi,	Oceanographic Mapping of Structure and	W 14-0/149 /-13 8B
W74-01225 7-03 5A	Dynamics of the Northern Gulf of California by the Use of Spectral Modeling and ERTS-1,	CALLANTINE, M. R.
17401223	W74-06673 7-13 2L	Fecal Elimination of Estrogens by Cattle
CAIRNS, J. JR.		Treated with Diethylstilbestrol and Hexestrol, W74-11245 7-21 5B
Aquatic Invertebrate Recovery in the Clinch River Following Hazardous Spills and Floods,	CALDWELL, D. H. Ammonia Elimination System,	7-21 35
W74-07841 7-15 5C	W74-11399 7-21 5D	CALLELY, A. G.
		The Role of Micro-Organisms in Waste Tip- Lagoon Systems Purifying Coke-Oven Ef-
Holographic Microscopy of Diatoms,	Full-Scale Testing of a Water Reclamation	fluents,
W74-00247 7-01 5C	System, W74-10349 7-19 5D	W74-01647 7-03 5D
In-Plant Biological Monitoring,	W74-10349 7-19 5D	CATTEN D. I
W74-03855 7-08 5A	Upgrading Lagoons,	CALLEN, R. J. A Stochastic Investment Model for a Survival
Preliminary Report on Simulated Passage Ef-	W74-03495 7-07 5D	Conscious Firm Applied to Shrimp Fishing,
fect of Potential Colonizing Protozoans	CALDWELL, J. S.	W74-09072 7-17 6B
Through Condenser of a Steam Electric Power	Evaluation of a Low-Cost Arsenic and Seleni-	CALLENDER, E.
Generating Plant Upon Downstream Protozoan	um Determination at Microgram-Per-Liter	The Biogeochemistry of Devils Lake, North
Community Development, W74-02930 7-06 5C	Levels,	Dakota,
W 74-02930 7-06 3C	W74-03851 7-08 5A	W74-02664 7-06 5C
Rapid Biological Monitoring System for Deter-	CALDWELL, L. K.	CALLERY, R. L.
mining Aquatic Community Structure in	The Positive Role of Environmental Manage-	Data Acquisition and Combined Sewer Con-
Receiving Systems, W74-12184 7-23 5A	ment, W74-12464 7-23 6G	trols in Cleveland,
7.25 311	W/4-12404 /-23 6G	W74-09716 7-18 5D
Systems simulation of the effect of tertiary	CALDWELL, M. M.	CALLEY, H. W. JR.
treatment for carbon, nitrogen, and phosphorus removal upon primary productivity, standing	Transpiration of Atriplex confertifolia and Eu- rotia lanata in Relation to Soil, Plant and At-	Assessment of Potential Radioological Health
crop, and community structure of autotrophic	mospheric Moisture Stresses,	Effects From Randon in Natural Gas, W74-05420 7-11 5C
and hetertrophic communities in receiving	W74-01990 7-04 2D	W74-05420 7-11 5C
model streams.		CALLOW, M. E.
W74-07337 7-14 5C	CALDWELL, T. H. Manuring of Potatoes on Fen Silt Soils in Hol-	Sulphated Polysaccharide Synthesis in Brown
A Tentative Proposal for a Rapid In-Plant	land, Lincolnshire,	Algae, W74-01824 7-04 5C
Biological Monitoring System,	W74-00422 7-01 3F	
W74-12183 7-23 5A	CALHOUN C C ID	CALLOWAY, J. A.
The Use of a Mobile Laboratory to Study Tem-	CALHOUN, C. C. JR. Drainage and Erosion Control Facilities, Field	Industrial Economic Model of Water Use and Waste Treatment for Ammonia.
perature Response of Fish,	Performance Investigation,	W74-13020 7-24 5D
W74-11297 7-21 5C	W74-09948 7-19 8A	
CAIRNS, R. R.	CALIANDRO, A.	CALOI, P. Free Oscillations in the Gulf of Civitavecchia
Effects of Surfactants Applied to Samples of	Peeled Tomato Yield as Affected by the	and the Effect of Kinetic Viscosity (Le Oscil-
Solonetz Soil on Water Penetration and Plant	Seasonal Water Volume in Function of the	lazioni Libere Del Golfo Di Civitavecchia E
Growth,	Watering Frequency, (In Italian),	L'azione Della Viscosita Cinematica),
W74-10044 7-19 3F	W74-01897 7-04 3F	W74-02703 7-06 2L

7-05 2G

CALKINS, D. J.

Watershed,

W74-02355

Evaluation of Soil Moisture Regime in a

CAIRNS, V. W.

Biological Treatment of Airport Wastewater Containing Aircraft De-Icing Fluids, W74-10552 7-20 5D

CALVERT, C. C.
Dehydrated Poultry Manure as a Crude Protein

Supplement for Sheep, W74-00413

CALVERT, S. E.

CALVERT, S. E.	CAMPBELL, E. C. A Dewpoint Hygrometer for Water Potential	Phytoplankton Populations in Brackish Water Ponds, A Revised ReportPart II of Studies on
Distribution of Trace Metals in the Pore Waters of Shallow Water Marine Sediments,	Measurement,	Brackish Water Phytoplankton,
W74-00828 7-02 2K	W74-13407 7-24 7B	W74-00591 7-02 5C
Particulate Metals in Waters of Sorfjord West Norway.	Sensing of Moisture Content in Soil, W74-10592 7-20 2G	Studies on Brackish Water Phytoplankton, W74-00589 7-02 5C
W74-01528 7-03 5B	CAMBRELL C E	CAMPBELL, R. D.
CALVIN, J. S.	CAMPBELL, G. E. Alternative 4A: Intensive Greenbelt Develop-	The In Vivo Effect of P,P' DDT on Na+-K+-
Measuring the Intangible Values of Natural	ment as an Additional Consideration.	Activated ATPase Activity in Rainbow Trout
Streams, Part II, Preference Studies and Completion Report,	W74-11604 7-22 6B	(Salmo Gairdneri), W74-11485 7-22 5C
W74-05538 7-11 6B	Current Recreation Use,	CAMPBELL, R. E.
CAMBRAY, R. S.	W74-11598 7-22 6B	Prediction of Air Temperature at A Remote
Radioactive Fallout in Air and Rain: Results to	Recreation Use Projections for the Proposed Ames Reservoir and Alternatives,	Site From Official Weather Station Records, W74-00692 7-02 2A
the Middle of 1973, W74-09876 7-19 5B	W74-11599 7-22 6B	CAMPBELL, R. J.
CAMERON, D. G.	CAMPBELL, G. S.	Water Reuse in Industry, Part 4 Metal Finish-
Performance of Lucerne (Medicago sativa)	A Dewpoint Hygrometer for Water Potential	ing, W74-00797 7-02 5D
Lines in Pure Stands Under Irrigated and Rain	Measurement,	W74-00797 7-02 5D
Grown Conditions in Sub-Coastal Central	W74-13407 7-24 7B	CAMPBELL, R. L. JR.
Queensland, W74-07359 7-14 3F	Shellfish Culture Using the Heated Effluent from Electric Power Plants,	Recent Advances in Log Evaluation, W74-07853 7-15 8G
CAMERON, I. L.	W74-13045 7-24 5C	CAMPBELL W. I
Toxicity Bioassay of Heavy Metals in Water	17-15045	CAMPBELL, W. J. Icebergs as a Fresh-Water Source: An Ap-
Using Tetrahymena Pyriformis,	CAMPBELL, I.	praisal,
W74-03321 7-07 5C	Computer Identification of Yeasts of the Genus Saccharomyces,	W74-01375 7-03 2C
CAMERON, W. M. AND	W74-01646 7-03 5A	Mesoscale Strain Measurements on the Beau-
Estuaries,	Numerical Analysis of Hansenula, Pichia and	fort Sea Pack Ice, W74-06717 7-13 2C
W74-04321 7-09 2L	Related Yeast Genera,	
CAMFIELD, F. E.	W74-07583 7-14 5A	The Production, Flow and Distribution of Melt
An Investigation of the Deformation and	CAMPBELL, J. A. K.	Water in a Glacier Treated as a Porous Medi- um,
Breaking of Solitary Waves, W74-02694 7-06 2E	Index of Drinking Water Pollution: Total Coliform MPN Tests: Confirmed Test Versus	W74-09326 7-18 2C
Observations and Experiments on Solitary	Completed Test,	Structure and Inferred Circulation of South
Wave Deformation, W74-01215 7-03 8B	W74-02087 7-04 5A	Cascade Lake, Washington, U.S.A., W74-09349 7-18 2C
W 74-01213 7-03 8B	CAMPBELL, K. J.	
A Refraction Study and Program for Periodic Waves Approaching a Shoreline, and Extend- ing Beyond the Breaking Point,		CANALE-PAROLA, E. Glucose and Pyruvate Metabolism of Spirochaeta litoralis, an Anaerobic Marine
W74-04340 7-09 8B	7-23 20	Spirochete,
	CAMPBELL, M. D.	W74-03600 7-07 5B
CAMFIELD, F. E. AND	The Challenge of Environmental Protection and	CANALE, R. P.
The Effects of Bottom Configuration on the Deformation, Breaking and Run-Up of Solitary		Model for Coliform Bacteria in Grand Traverse
Waves.	7-10 00	Bay,
W74-04613 7-09 2E	Engineering Economics of Rural Water Systems: A New American Approach,	W74-05328 7-10 5B Oxygen Utilization in Bacterial-Protozoan
CAMP, I. C.	W74-03152 7-06 6B	Community.
Examples of Sewage Sludge Incineration in the	O and M Costs: Pay Now or Pay Later,	W74-08776 7-17 5C
UK, W74-08364 7-16 5D	3174 00533 7 10 AB	CANDEL, S. M.
CAMP, J. R.	Terradynamics,	Liquid Aeration Method and Apparatus,
Speed Up Water Plants,	W74-03165 7-06 8E	W74-05883 7-11 5D
W74-09488 7-18 5D	Well Cost Analysis,	CANDELARIO, R. M.
CAMPBELL C I	W74-05091 7-10 8B	Treatment of Liquid Wastes from Cane Sugar
CAMPBELL, C. J. Pressure Bomb Measurements Indicate Water		Industry, W74-12865 7-24 5D
Availability in a Southwestern Riparian Com-	CAMPBELL, M. L.	W 74-12803 7-24 3D
munity,	An Experimental Investigation into Effects of	CANE, D.
W74-03076 7-06 2G	Communities in Alberni Inlet, British Colum-	Conceptual Design Study of a 200 Million Gal- lon Per Day VTE/MSF Desalination Plant and
Pressure Bomb Measures Changes in Moisture	11/10 A 0.00 A 0	Prototype Module,
Stress of Birchleaf Mountainmahogany After	W74-05047 7-10 5C	W74-12207 7-23 3A
Partial Crown Removal, W74-00681 7-02 21	CAMPBELL, P. H.	CANKOVIC, M.
	The Phytoplankton of Gales Creek with	Comparison of the Epizootological Importance
CAMPBELL, D. R.	Emphasis on the Taxonomy and Ecology of	of the Parasites of Salmo Gairdneri Irideus in
Flow Visualization Using a Selectivity Sensi- tive Fluorescent Dye.	Estuarine PhytoflagellatesPart 1 of Studies on Brackish Water Phytoplankton,	the Two Coast Areas of Bosnia and Her- zegovina,
W74-12080 7-23 2E		W74-06254 7-12 5C
/-23 2L	. 05 50	

CAPPER, J. L.

CARDINAS, J.

CANNEY, P. J.	CAPPER, J. L.	CARDINAS, J.
Determination of Nitrite and Nitrate Ions in	An Ion-Exchange Process for Recovery of	Malezas Acuaticas, Aquatic Weeds, J. M.
Natural Waters Using Aromatic Ortho	Chromate From Pigment Manufacturing,	Bristow,
Diamines as Reagents,	W74-10423 7-20 5D	W74-00736 7-02 4A
W74-09809 7-19 5A	CAPRIO, J. M.	CARDONA, R. A.
New Methods of Nitrite and Nitrate Analysis	Agricultural Impacts,	Photodecomposition of the Herbicide
for Natural Waters.	W74-06445 7-12 3B	Methazole.
W74-06836 7-13 5A	712 35	W74-00050 7-01 5B
W 74-00030 7-13 3A	CAPUCI, R.	
CANNIZZARO, C. J.	Bio-Degradation of Non-Ionic Surfactants-II:	CAREAGA, R.
Fourth Report on Horizontal-Tube Multiple-Ef-	Biodegradation Assessments (Biodegradazione	Model for Landscape Resource Assessment,
fect (HTME) Process Pilot Plant Test Program,	di Tensioattivinon Ionici. Nota 2: Misure Della	Part I of the 'Metropolitan Landscape Planning
W74-11633 7-22 3A	Biodegradazione), W74-13279 7-24 5B	Model' (METLAND), W74-02657 7-06 6B
CINNON I B	W/4-132/9 /-24 3B	W74-02657 7-06 6B
CANNON, J. R. An Evaluation of Farm Irrigation Practices as a	CARAGAY, A. B.	CAREY, F. G.
Means to Control the Water Quality of Return	Chemical Analysis of the Smoky-Burnt Odor	Regulation of Brain and Eye Temperatures by
Flow,	Complex in Diesel Exhaust,	the Bluefin Tuna,
W74-11681 7-22 3C	W74-11005 7-21 5A	W74-04239 7-08 5C
	CARAION, FE.	CAREY, K. L.
CANNON, R. E.	Some Ecological Data on Freshwater Os-	Icings Developed from Surface Water and
The Effect of Stress and Non-Stress Condi-	tracods of the Temporary and Permanent	Ground Water,
tions Upon the Interaction of Plectonema	Waters in the Vicinity of Bucharest (In Ru-	W74-00581 . 7-02 2C
boryanum and the LPP-Phycoviruses,	manian),	
W74-05960 7-12 5C	W74-01000 7-02 21	CARFAGNO, D. G.
CANTELOW, H. P.	CARAWAN B P	Annual Environmental Monitoring Report:
Annual Environmental Monitoring Report 1972	CARAWAN, R. E.	Calendar Year 1973,
- Lawrence Berkeley Laboratory, (California),	Water and Waste Management in Poultry	W74-13429 7-24 5B
W74-09857 7-19 5A	Processing, W74-11789 7-22 5D	Environmental Monitoring Report: January-
	17-22 35	June 1972,
CANTER, L. W.	CARBERRY, J. B.	W74-09861 7-19 5A
Brine Disposal Treatment Practices Relating to	Luxury Uptake of Phosphate by Activated	
the Oil Production Industry,	Sludge,	Interim Environmental Monitoring Report:
W74-12211 7-23 5D	W74-06157 7-12 5D	January-June 1973, W74-04174 7-08 5A
CANTERFORD, D. R.	CARBONELL, M. D.	W/4-041/4 /-08 3A
Direct Determination of Sulfide by Rapid	Calcium, Magnesium, and Potassium Satura-	CARGO, D. G.
Direct Current Polarography,	tion Ratios in Two Soils and Their Effects	Ecological Aspects of Aquatic Biology Through
W74-03865 7-08 2K	Upon Yields and Nutrient Contents of German	Time-Lapse Photography,
	Millet and Alfalfa,	W74-12345 7-23 5C
CANTY, C.	W74-11269 7-21 3F	CARLILE, B. L.
Economic Impact of Pollution Abatement on	CARRONNEL I	Characterization of Suspended Sediments in
the Sulfite Segment of the U.S. Pulp and Paper	CARBONNEL, J. Sand Gullying in a Sahelian Site: Observations	Water from Selected Watersheds as Related to
Industry, W74-05277 7-10 5D	During Recent Rainfall in the Nouakchott Re-	Control Processes, Nutrient Contents, and
W14-03211 1-10 3D	gion (Mauritania),	Lake Eutrophication,
CAO, C.	W74-12677 7-23 4D	W74-07736 7-15 5B
A Contribution to Statistical Depth-Duration-		Wastewater and Soil Interaction,
Frequency Analysis,	CARBONNELLE, B.	W74-09425 7-18 5D
W74-11469 7-22 2B	Ecological Study of Salmonella in Waste	W 74-09423 7-16 3D
CARRIANO I	Water, Stagnant Water, Running Streams and Domestic Wells of Anjou, (In French),	CARLIN, A. P.
CAPBLANQ, J. Benthic Algae in Water of the Neouvielle Mas-	W74-12152 7-23 5B	Regional Research Opportunities under EPA
sif (Hautes-Pyrenees),	W/4-12152 /-25 5B	Sponsorship,
W74-07013 7-13 2H	CARCICH, I. G.	W74-03176 7-06 6B
. 13	The Pressure Sewer: A New Alternative to the	CARLSON, C. E. C.
CAPERON, J.	Gravity Sewer,	The Denver System of Controls,
Primary Productivity in a Nutrient-Limited	W74-10946 7-21 5D	W74-02854 7-06 5F
Tropical Estuary,	Pressure Sewer Demonstration,	
W74-05939 7-11 5C	W74-10463 7-20 5D	CARLSON, C. G.
CAPLAN, S. R.		Geology of Mercer and Oliver Counties, North
Transport Properties of Charge-Mosaic Mem-	Pressure Sewers,	Dakota, W74-01887 7-04 4B
branes-Part A,	W74-07259 7-14 5D	W74-01887 7-04 4B
W74-00310 7-01 3A	CARDEN, J. A.	CARLSON, D. A.
	Development of Polyamide Membranes for Sea	Primary Sludges Produced by the Addition of
Transport Properties of Charge-Mosaic Mem-	Water Desalination,	Lime to Raw Waste Water,
branes - Part B, W74-00311 7-01 3A	W74-01933 7-04 3A	W74-08224 7-16 5D
W74-00311 7-01 3A	CARDENAS, R.	CARLSON, E. R.
CAPONI, R. T.	Reflectance Discrimination of Cotton and Corn	Filter Media for Liquid Wastes Treatment and
Long Island Sound,	at Four Growth Stages,	Method of Forming the Same,
W74-09957 7-19 5C	W74-08269 7-16 3F	W74-00091 7-01 5D
CARD A D		
CAPP, J. P.	CARDIN, J. A.	CARLSON, G. A.
Physical and Chemical Characteristics of Sur- face Mine Spoil Treated with Fly Ash,	Using Artemia to Assay Oil Dispersant Toxici-	Costs and Returns of Land Spreading Wast- water,
W74-09631 7-18 5B	ties, W74-06877 7-13 5A	W74-09429 7-18 5D
		, 10 30

CARLSON, J. S.

CARLSON, J. S.	Tritium in Precipitation and Freshwater	White Sucker (Catostomus commersoni)July
Chemical and Biological Patterns in the Lower	Sources in Israel,	1, 1969 to January 31, 1970, W74-03270 7-07 81
Colorado River System, W74-00760 7-02 5C	W74-13444 7-24 5B	W74-03270 7-07 81
W74-00760 7-02 5C	CARMICHAEL, C. J.	CARPENTER, W. L.
CARLSON, P. R.	Method for Separating Oil from a Mixture of	A Comparison of Effluent Characteristics from
Aerial Observations of Suspended-Sediment	Oil and Waste Water from an Offshore Rig,	Conventional and Oxygen Bleaching
Plumes in San Francisco Bay and the Adjacent	W74-05897 7-11 5G	Sequences: Results of a Laboratory Study,
Pacific Ocean, W74-13180 7-24 2L	Water Disposal Caisson and Method of Using	W74-07375 7-14 5E
W74-13180 7-24 2L	Same,	Recent Studies of Mercury Analysis
CARLSON, R. D.	W74-00963 7-02 5G	Procedures for Mill Effluents,
A Compilation of Studies from Atmospheric	C. P. COT. CT.	W74-03542 7-07 5A
Variability Experiment (AVE),	CARMICHAEL, J. Water Recycling in Southern California,	
W74-00851 7-02 2B	W74-09962 7-19 5D	CARR, D. A.
Time Changes in Gradient and Observed	117-05502	A Processing System for Fischer and Porte
WindsChapter II of a Compilation of Studies	CARMODY, D. J.	Precipitation Gauge Data,
from Atmospheric variability Experiment	Trace Metals in Sediments of New York Bight,	W74-12977 7-24 70
(AVE),	W74-06012 7-12 5A	CARR, N. G.
W74-00853 7-02 2B	CARMOUZE, JP.	Metabolic Control and Autotrophic Physiology
CARLSON, R. F.	Large Ecological Zones of Lake Chad, (In	W74-12564 7-23 50
Flood Frequency Estimation in Northern	French),	
Sparse Data Regions,	W74-13356 7-24 2H	Notes on Isolation and Laboratory Culture. Ap
W74-11459 7-22 4A	CARNANGE T C	pendix B,
Hydraulic Influences on Aufeis Growth,	CARNAVOS, T. C. Combination Condenser-Degasser-Deaerator	W74-12589 7-23 50
W74-12095 7-23 2C	for a Desalination Plant,	CARR, P. W.
	W74-10596 7-20 3A	Mercury Determinations in Natural Waters by
Hydrology of the Central Arctic River Basins		Persulfate Oxidation,
of Alaska,	CARNEGGIE, D. M.	W74-11378 7-21 5A
W74-04304 7-09 2A	Monitoring California's Forage Resource Using ERTS-1 and Supporting Aircraft Data,	
The Land Hydrology of the South-Central	W74-01675 7-04 4A	CARR, R. E.
Coastal Zone,	W/4-010/3	How to Troubleshoot for Copper Loss is
W74-06433 7-12 2L	CARNS, J. M.	Water-Cooled Generators,
Methods of Flood Flow Determination in	Magnitude and Frequency of Floods in Illinois,	W74-12514 7-23 51
Sparse Data Regions,	W74-06271 7-12 2E	CARRELL, L. M.
W74-11458 7-22 4A	CARO, J. H.	Electrochemical Flotation Concept for Remov
	Acid Ammonium Acetate Extraction and Elec-	ing Oil from Water,
Modeling Snowmelt Runoff in an Arctic	tron Capture Gas Chromatographic Determina-	W74-02634 7-05 51
Coastal Plain, W74-08233 7-16 2C	tion of Carbofuran in Soils,	
W /4-08233 /-16 2C	W74-07574 7-14 5A	CARRIER, G. F.
Thermal Tolerances of Interior Alaskan Arctic	CARON, A. L.	The Response of Narrow-Mouthed Harbors i
Grayling (Thymallus arcticus),	Laboratory and Controlled Experimental	a Straight Coastline to Periodic Inciden
W74-03759 7-08 5C	Stream Studies of the Effects of Kraft Ef-	Waves, W74-03450 7-07 21
Water Balance of a Small Lake in a Permafrost	fluents on Growth and Production of Salmonid	17-07-21
Region,	Fish,	CARRIGAN, P. H. JR.
W74-03758 7-08 2H	W74-02277 7-05 5C	Calibration of U.S. Geological Survey Rain
CARLSON B F AND	Water Quality Control Program at Publishers	fall/Runoff Model for Peak Flow Synthesis-
CARLSON, R. F. AND Groundwater Pore Pressures Adjacent to Sub-	Paper Co.,	Natural Basins,
arctic Streams.	W74-02275 7-05 5D	W74-09603 7-18 2
W74-04393 7-09 2C	CAROMIER II R	CARROLL, H. B.
CARLOON B M	CAROTHER, H. P. Tidal Inlets for Preservation of Estuaries,	How to Find Abandoned Oil and Gas Wells.
CARLSON, R. M. Calcium-Magnesium-Potassium Equilibria in	W74-03342 7-07 2L	W74-00941 7-02 80
Some California Soils,		
W74-08814 7-17 2G	CARPENTER, E. J.	CARROLL, K. G.
	Copepod and Chlorophyll a Concentrations in	The Distribution of Lead in Human Deciduou
CARLSON, R. O.	Receiving Waters of a Nuclear Power Station	Teeth,
Methods of Liquid Fertilizer Application,	and Problems Associated With Their Measure- ment,	W74-07691 7-15 5
W74-11839 7-22 5D	W74-11343 7-21 5B	CARROLL, R. D.
CARLUCCI, A. F.		Applications of Inhole Geophysical Logs i
Determination of Vitamin B12, Thiamine and	Nitrogen Fixation by Oscillatoria	Volcanic Rocks, Nevada Test Site,
Biotin in Lake Tahoe Waters Using Modified	(Trichodesmium) thiebautii in the Southwestern	W74-10846 7-20 8
Marine Bioassay Techniques, W74-02118 7-04 5C	Sargasso Sea, W74-00729 7-02 5C	
W74-02118 7-04 5C	1700125	CARRY, C. W.
CARMACK, E. C.	CARPENTER, M. R.	Denitrification in Granular Carbon and San Columns.
Some Physical and Chemical Properties of the	Distribution in Colorado, Community Relation-	
Gulf of Corinth,	ships, and Preliminary Life History of the	W74-10465 7-20 5
W74-04273 7-08 2L	White Sucker (Catostomus commersoni)July	CARSON, M. A.
CARMI, I.	1, 1968 to June 30, 1969, W74-03269 7-07 8I	Sediment Production in a Small Appalachia
Hammat Gader (Israel): Geochemistry of a	7-07 61	Watershed During Spring Runoff: The Eate
Mixed Thermal Spring Complex,	Distribution in Colorado, Community Relation-	Basin, 1970-1972,
W74-10880 7-20 2F	ships, and Preliminary Life History of the	W74-04267 7-08

7-08 2J

CARSON, R. J.	Organic Pollutant Identification Utilizing Mass	Processing and Analysis of Radioisotopic Sand
Multidisciplinary Application of ERTS-1 Data to North Carolina Natural Resource Manage-	Spectrometry, W74-00309 7-01 5A	Tracer (RIST) Study Data, W74-03628 7-07 2J
ment, W74-06682 7-13 4C	CARTER, R. J. The Trace Analysis of Water for Selected	CASE, O. P. Metallic Recovery from Waste Waters Utilizing
CARSON, W. G.	Metallic Elements Employing Square-Wave	Cementation,
Prediction of Incipient Lethal Levels of Copper to Juvenile Atlantic Salmon in the Presence of	Polarography, W74-11679 7-22 5A	W74-09062 7-17 5D
Humic Acid by Cupric Electrode,		CASEY, H.
W74-06036 7-12 5C	CARTER, R. W. Accuracy of Current Meter Measurements,	The Chemical Composition and Flow of the River Frome and Its Main Tributaries,
CARSON, W. V.	W74-11502 7-22 7B	W74-12928 7-24 2K
Prediction of Incipient Lethal Levels of Copper	CARTER, S.	The Chemical Composition and Flow of the
to Juvenile Atlantic Salmon in the Presence of Humic Acid by Cupric Electrode,	Environmental Management and Local Govern-	South Winterbourne in Dorset,
W74-06036 7-12 5C	ment,	W74-02190 7-05 2K
CARSTENS, M. R.	W74-08827 7-17 6E	CASLING, R. H.
Bed Forms Generated in the Laboratory Under	CARTER, T. G.	Automatic Process Control of Sewage Treat-
an Oscillatory Flow: Analytical and Experi-	Mass Transport in Water Waves. Part I. Theory. Part II. Experiments,	ment Works, W74-08212 7-16 5D
mental Study, W74-03612 7-07 8B	W74-03108 7-06 2J	
	CARTER, V.	CASPER, L. A. Ground Water Quality Effects on Domestic
CARSTENS, T. Hydraulic Survey and Model Investigation of	Mapping Atlantic Coastal Marshlands, Mary-	Water Utilization,
the Inner Rana Fjord,	land, Georgia, Using ERTS-1 Imagery,	W74-08287 7-16 5B
W74-03701 7-07 2L	W74-02577 7-05 7B	CASSEL, A. F.
Physical Modeling of Residence Times in Tidal	Utilization of Remotely-Sensed Data in the	Ammonia-Nitrogen Removal by Breakpoint
Basins,	Management of Inland Wetlands, W74-11727 7-22 7B	Chlorination, W74-06838 7-13 5D
W74-07496 7-14 2L		
CARTEE, C. P.	CARTER, W. D. ERTS-1 Image Contributes to Understanding of	Nitrogen Removal by Ammonia Stripping, W74-06842 7-13 5D
A Treatise on Centralized Management of	Geologic Structures Related to Managua	W /4-00042
Water Resources, W74-05030 7-10 6E	Earthquake, 1972,	Physical-Chemical Nitrogen Removal from Mu-
	W74-02561 7-05 7B	nicipal Wastewater, W74-06355 7-12 5D
The Water Resources Council's Proposed Prin- ciples and StandardsAn Economic Comment,	Hydrogeology of Closed Basins and Deserts of	
W74-12794 7-24 6C	South America, ERTS-1 Interpretations, W74-02588 7-05 7B	Physical-Chemical Treatment of Raw Mu- nicipal Wastewater,
CARTER, D. L.		W74-06509 7-13 5D
Controlling Soil Crusting with Phosphoric Acid	CARTWRIGHT, K. Analysis of Liquid-Waste Injection Wells in Il-	CASSEL, D. K.
to Enhance Seedling Emergence, W74-08279 7-16 3F	linois by Mathematical Models,	Solute Movement Through Disturbed and
W/4-082/7	W74-07604 7-15 5B	Undisturbed Soil Cores, W74-06935 7-13 5B
CARTER, J. A. Panid 15 N. Isotopia Patia Analytical System	Tracing Shallow Groundwater Systems by Soil	
Rapid 15-N Isotopic-Ratio Analytical System for Environmental Samples,	Temperatures,	CASSIN, J. Sanitary Implications of Small Boat Pollution in
W74-12032 7-23 5A	W74-12300 7-23 2F	an Atlantic Estuary,
CARTER, J. N.	CARTWRIGHT, R. V.	W74-08771 7-17 5G
Nitrate Determination by a Modified Conway	Development of Improved Membranes for Reverse Osmosis,	CASSIN, J. M.
Microdiffusion Method, W74-03845 7-08 2G	W74-00159 7-01 3A	Interdisciplinary Monitoring of the New York
	CARVER, J. C.	Bight, W74-07764 7-15 5A
CARTER, J. S. Limnological, Ichthyological, and Parasitologi-	Electron Spectroscopy (ESCA): Use for Trace	
cal Investigations on Arkansas Reservoirs in	Analysis, W74-12499 7-23 5A	CASSINIS, R. A Preliminary Evaluation of ERTS-1 Images on
Relation to Water Quality,		the Volcanic Areas of Southern Italy (NASA
W74-13167 7-24 2H	CARVER, R. E. Stratigraphy and Economic Geology of the	Contract FO-013), W74-06691 7-13 7C
CARTER, J. W.	Coastal Plain of the Central Savannah River	W74-06691 7-13 7C
Toxicity Bioassay of Heavy Metals in Water Using Tetrahymena Pyriformis,	Area, Georgia,	CASTANHO, J.
W74-03321 7-07 5C	W74-01122 7-03 2J	Wave Energy and Littoral Transport, W74-04965 7-10 2J
CARTER, L.	Studies on the Validity of Darcy's Law for	
Apparatus for Collecting Surface Particles on	Flow in Natural Sands, W74-04307 7-09 2F	CASTELLUCCI, N. T. Process and Apparatus for Solar Distillation
Body of Water,	CARY, L. E.	Utilizing Cellular Ceramic Nodules to Improve
W74-11061 7-21 5G	Probability Distribution of Snow Course Data	the Evaporation Rate, W74-09179 7-17 3A
CARTER, L. G.	for Central Arizona,	-1 -1
Mud Displacement with Cement Slurries, W74-12543 7-23 8F	W74-07094 7-14 2C	CASTENHOLZ, R. W. Ecology of Blue-Green Algae in Hot Springs,
	CASE, F. N.	W74-12581 7-23 5C
CARTER, M. H. Gas-Liquid Chromatography-Mass Spec-	A Preliminary Investigation of Radiation- Enhanced Oxidation of Pulp Mill Effluents for	Hot Spring Microbial Communities Recreated
trometry of Organomercury Compounds,	Color Reduction,	in Modified 'Winogradski Columns,'
W74-00253 7-01 5A	W74-09464 7-18 5D	W74-01899 7-04 21

CASTENHOLZ, R. W.

Movements, W74-12577 7-23 5C	CAVALIERE, A. Fauna and Flora of the Lakes of Faro and Gan-	Cost Analysis of Groundwater Supplies in the North Atlantic Region, 1970,
Thermophilic Ostracod: Aquatic Metazoan with	zirri: III. Bioecologic Observations on the Echinoderms of the Lake of Faro (Messina).	W74-03815 7-08 4B
the Highest Known Temperature Tolerance,	(In Italian).	CEHAK, K.
W74-01327 7-03 5C	W74-12732 7-23 2H	On Flood Probabilities of East Alpine Rivers, W74-06909 7-13 2E
CASTIGLIONE, L.	CAVELIER, C.	W74-06909 7-13 2E
Effectiveness of Sequential Photography for	Capability of ERTS-1 Imergy to Investigate	CELIKKOL, B.
Coastal Oceanography,	Geological and Structural Features in a Sedi-	A New Shear Wave Velocity Measurement
W74-05711 7-11 2L	mentary Basin (Bassin Parisien, France), W74-01695 7-04 3F	Technique in Ocean Bottom Soil Samples, W74-05918 7-11 2J
CASTILLO, E. Comparison of Dispersion Characteristics in		
Fissured Rock,	CAVIEDES, L. C.	CEMBROWICZ, R. G.
W74-12857 7-24 5B	Climatic Profile of the North Chilean Desert at Latitude 20 Degrees South,	Hydraulics of a Water Supply System with Fluctuating Water Demand, (Hydraulik eines
CASTLE, E. N.	W74-06475 7-12 2B	Wasserversorgungssystems mit fluktuierenden
Resource Management Decisions: Externalities	CANIN O B	Bedarfsmengen),
and Public Policy,	CAVIN, O. B.	W74-09726 7-18 8B
W74-07148 7-14 6A	Development of High Sensitivity X-Ray Fluorescence for Analysis of Trace Toxic Ele-	Models of Water Supply Systems, W74-05394 7-10 4A
CASTLE, M. E.	ments, W74-12912 7-24 5A	W/4-03394 /-10 4A
A Study of the Intake of Drinking Water by Dairy Cows at Grass,	W/4-12912 /-24 3A	CERAME-VIVAS, M. J.
W74-07358 7-14 3F	CAWOOD, C. H.	The Circulation of Surface Waters in Raleigh
W/4-0/330	Major Port Developments at Richards Bay with	Bay, North Carolina,
CASTON, V. N. D.	Due Regard to Preserving the Natural Environ-	W74-01210 7-03 2L
Influence of Older Relief on the Location of		
Sand Waves in a Part of the Southern North	W74-11125 7-21 2L	CERASARI, N. P.
Sea,	CARAL	Floating Boom,
W74-07676 7-15 2J	CAZAL, A. Vertical Movements in the Nonsaturated Zone	W74-09177 7-17 5G
CASTORINA, A. R.	and the Specific Yield of a Water-Table	CERNIGLIA, C. E.
Water Sampling and Laboratory Service,	Aquifer (Etude des transferts verticaux dans la	Studies on the Degradation of Petroleum by
W74-04024 7-08 5A	zone non saturee et de l'emmagasinement	Filamentous Fungi,
CASTRO, W. E.	d'une nappe libre, dans le cas d'un pompage,	W74-08619 7-16 5B
Enhanced Dispersion in Drag Reducing Open	dans les conditions na turelles),	CERNIK, A. A.
Channel Flow,	W74-07182 7-14 2F	A Preliminary Procedure for the Determination
W74-08390 7-16 5B	CEARLEY, J. E.	of Cadmium in Blood.
	Cadmium Toxicity and Biocentration in Lar-	W74-05445 7-11 5A
CATHAM, C. E. JR. Study of Beach Widening By the Perched	1 2 121 31	
Beach Concept, Santa Monica Bay, California,	W74-09492 7-18 5C	CERNY, K.
W74-04603 7-09 8B		Abundance and Mortality of the Perch Fry
	Silver Toxicity and Accumulation in Lar-	(Perca Fluviatilis, Linnacus, 1758) in the Klicava Reservoir,
CATHERINES, J. J.	gemouth Bass and Bluegill, W74-12270 7-23 5C	W74-07588 7-14 8I
Using Computers to Analyze Continuous Data, W74-01520 7-03 7C		7-14 61
W14-01320 1-03 1C	CEARLOCK, D. B.	CERVANTES, L. H.
CATHEY, E. H.	A Mathematical Model for Optimum Design	Sewage Treatment System,
Dendroclimatic History of Southwestern		W74-10585 7-20 5D
United States,	Management Systems,	CESCON, B.
W74-06290 7-12 2B	W74-03468 7-07 5D	Dispersal Processes of Freshwaters in the Po
CATTERALL, J.	CECHOVA, I.	River Coastal Area,
A Total Process Approach to Water and Waste		W74-02758 7-06 2E
Management in an Expanding Fine Paper Mill,	tion Patterns of Primary Nutrients and	CETIK, R.
W74-12407 7-23 5D	Chicropaya in Chichathica Gan Court Dita	Vegetation of Central Anatolia and its Ecology,
CAUDILL, H. M.	ries, W74-05488 7-11 5B	W74-05214 7-10 4A
Strip Mining: Partnership in Greed,		7.10 4.1
W74-05582 7-11 5C	CECIE, S. D.	CEYNOWA-GIELDON, M.
CAUSEY, L. V.	Vegetation, Timber Resources and Forest In-	
Water Availability and Geology in Marion	ventory,	Koronowo Reservoir, W74-04654 7-09 2I
County, Alabama,	W/4-11381 /-22 6G	W74-04654 7-09 2I
W74-03810 7-08 4E	CECKLER, W. H.	CHABRECK, R. H.
CAVAGNARO, J. B.	Inactivation of Poliovirus in Water by Ozona-	The Effects of Hurricane Camille on the
Drought Hardening in Onions: I. Influence of	tion,	Marshes of the Mississippi River Delta,
Presowing Treatments on Vegetative Behavior		W74-04875 7-10 2L
and Yield, (In Spanish),	CENERCHEN H D	CHACKO, E. J. AND
W74-08148 7-15 3F	Guidelines for the Design of Subsurface	Laboratory Experiments to Determine the
Drought Hardening in Onions: II. Analysis of	D . C	Structural Response of a Vertical Pile Sub-
Growth, (In Spanish),	tions,	jected to Wind-Generated Water Waves,
W74-08149 7-15 3F	W74-10235 7-19 4C	W74-04424 7-09 8B

CEDERSTROM, D. J.
Cost Analysis of Groundwater Supplies in the
North Atlantic Region,

7-21 4B

W74-03772

W74-11426

CHADWICK, D. G.
Integrated Measurement of Soil Moisture by
Use of Radio Waves,

7-08 2C

W74-04546

CAVALE, R. P.
Physicochemical Processes for Water Quality Control,

7-09 5D

CHAMBERLAIN, E.

CHANDIK, J. F.

CHADWICK, T. H.		CHAMBERLAIN, E.	CHANDIK, J. F.
Characterization and Treatal	oility of Pomace	Mechanical Properties of Frozen Ground	Radar Investigation of Summertime Land/Lake
Stillage,	202 61	Under High Pressure,	Rainfall Variations over Lake Michigan,
W74-01325	7-03 5A	W74-04375 7-09 2C	W74-01661 7-04 2B
CHAEMSAITHONG, K.		CHAMBERLAIN, G.	CHANDLER, J. H. JR.
Alternative Water Resource	Systems in the	Design of Cost-Effective Water Quality Sur-	An Improved Chemical Delivery Apparatus for
Lower Mekong,		veillance Systems,	Use in Intermittent Flow Bioassays,
W74-05733	7-11 6A	W74-08825 7-17 5A	W74-12272 7-23 7B
Alternative Water Resource	Customs in the	CHAMBERIAIN & C	CHANDIED M.W.
Lower Mekong,	systems in the	CHAMBERLAIN, S. G. Quantitative Methods for Preliminary Design of	CHANDLER, M. W. Summary ReportWeather Modification.
W74-06418	7-12 4A	Water Quality Surveillance Systems,	Summary ReportWeather Modification, Fiscal Years 1969, 1970, 1971,
		W74-06885 7-13 5A	W74-10233 7-19 3B
Cost-Effectiveness of W	ater Resources	W 74-00005	W /4-10233
Systems Design in Developin	g Countries: Case	CHAMBERS, C. W.	CHANDLER, S. S.
of the Lower Mekong,		The Germicidal Efficiency of Silver, Iodine and	Method and Apparatus for Separation of
W74-00171	7-01 6B	Quaternary Ammonium Compounds,	Sludge,
CHAFFIN, D. B.		W74-05510 7-11 5F	W74-11397 7-21 5D
Surface Electromyography	in Chronic Inor-	An Overview of the Problems of Disinfection,	CHANDRA H
ganic Mercury Intoxication,		W74-10181 7-19 5D	CHANDRA, H. Effect of Gypsum in Reducing Boron Hazard
W74-06801	7-13 5C	W/4 10101	of Saline Waters and Soils,
		CHAMBERS, J.	W74-07095 7-14 3C
CHAGELISHVILI, R. G.		Fluorophene, a Possible Control of Japanese	114 30
Spring Runoff From Small		Oyster Drills on Oyster Grounds,	CHANDRA, S.
Different Forest Cover in t	the Mountains of	W74-01918 7-04 5G	Availability of Phosphorus and Nitrogen in
Georgia, W74-00339	7-01 4A	Oyster Drill Investigations.	Acid Soil in Presence of Calcium Salts,
W /4-00339	7-01 4A	W74-01919 7-04 5G	W74-01896 7-04 2G
CHAKRABARTI, P.		W/4-01515	CHANDS ANOTHER C
A Computer Program for Ea	rthquake Analysis	Oyster Drill (Ocinebra Japonica) Control,	CHANDRAMOULI, S.
of Gravity Dams Including I	Hydrodynamic In-	W74-01917 7-04 5G	Radioactivity Measurements at Tarapur Nuclear Power Station Environment,
teraction,			W74-02056 7-04 5B
W74-06280	7-12 8A	CHAMBERS, W. J.	W 14-02030 1-04 3B
Earthquake Response of Gra	uitu Domo Includ	Limestone Springs and Individual Flood Events, (With Special Reference to the Gower	CHANDRASEKARAN, D.
ing Reservoir Interaction Effe		Peninsula, Wales),	Linearly Decreasing Velocity - Weirs,
W74-06359	7-12 8A	W74-03512 7-07 2F	W74-10927 7-21 5D
W 14-00339	7-12 OA	W/4-03512	
CHAKRABARTI, S. K.		CHAMBREUIL, G.	Velocity Control with New Proportional Weirs,
Nonlinear Wave Forces on	Halfcylinder and	Ecological Study of Salmonella in Waste	W74-13323 7-24 5D
Hemisphere,		Water, Stagnant Water, Running Streams and	CHANEY, E.
W74-11475	7-22 8B	Domestic Wells of Anjou, (In French),	Catastrophe Brewing in Quiet Waters,
CHAKRAVARTY, A. K.		W74-12152 7-23 5B	W74-04025 7-08 5B
Effect of Contour Furrows a	nd Contour Runds	CHAMP, M. A.	
on Water Conservation i		Effect of Anhydrous Ammonia on a Central	CHANEY, L. W.
Western Rajasthan,	. 0143344145 01	Texas Pond, and a Review of Previous	A Spectroscopic Study of Pasadena Smog,
W74-07090	7-14 3F	Research with Ammonia in Fisheries Manage-	W74-10995 7-21 5A
		ment,	CHANEY, R. L.
Study on the Pasture Establi		W74-07595 7-14 5C	Crop and Food Chain Effects of Toxic Ele-
VI. Effect of Different Space			ments in Sludges and Effluents,
on Establishment and Fora Cenchrus ciliaris Linn.,		CHAMPLIN, J. B. F.	W74-05978 7-12 5D
Henr. and Panicum antidotal		The Transport of Radioisotopes by Fine Par- ticulate Matter in Aquifers,	
Conditions.	e Keiz under Arid	W74-07730 7-15 5B	CHANG, A. C.
W74-07107	7-14 3F	W/4-0//30 /-15 3B	The Sealing Mechanism of Wastewater Ponds,
		CHAN, A. C.	W74-13299 7-24 5D
CHAKRAVARTY, S.		Quality Degradation of Dairy Washwater,	Waste Accumulation on a Selected Dairy Cor-
Depollution Techniques and	Management in an	W74-10147 7-19 5B	ral and Its Effect on the Nitrate and Salt of the
Oil Refinery,		CHAN II I	Underlying Soil Strata,
W74-10280	7-19 5D	CHAN, H. L. Backscattering from a Two-Scale Rough Sur-	W74-08921 7-17 5B
CHALET, I. M.		face with Application to Radar Sea Return,	
Leak Detection,		W74-03509 7-07 7B	CHANG, BJ.
W74-05095	7-10 8G	1177 02205	Application of Reverse Osmosis Technology to
		Toward Radscat Measurements Over the Sea	Hawaiian Low Quality Waters,
CHALIDZE, F. N.		and Their Interpretation,	W74-09052 7-17 5D
Dynamics of the Vegetation		W74-06361 7-12 7B	CHANG, C. F.
Ancient and Present Delta River.	or the Syr-Dar ya	CHAN, K. M.	Sewage Treatment Method and Apparatus,
W74-09750	7-18 21	Interstitial Waters of Black Sea Sediments:	W74-00082 7-01 5D
W 14-07130	7-10 21	New Data and Review.	
CHALMERS, J. R.		W74-12379 7-23 2K	CHANG, J. C.
Southwestern Groundwater			Optimal Investment Orders Under Uncertainty
and Bibliographic Interpretat		CHANDER, S.	and Dynamic Costs: Theory and Estimates,
W74-04460	7-09 4B	Modelling of Surface Runoff Systems by an	W74-03199 7-06 6B
CHALMERS, R. K.		ARMA Model,	CHANG KIN KOON.
Some Conservation Proble	ms in the Metal.	W74-12993 7-24 2A	Flood Control and Water Conservation Works
Finishing Industry,	in the metal-	Sequential Generation of Streamflow,	in Bukit Timah Catchment, Singapore,
W74-09577	7-18 5D	W74-12281 7-23 2E	W74-08456 7-16 4A

CHANG, L. W.

CHANG, L. W. Neurological Changes in Cats Following Long- Term Diet of Mercury Contaminated Tuna,	CHAPSAL, P. Device and Apparatus for Treating Liquids Such as Drinking Water and Waste Water,	Utilization of ERTS-1 Data to Monitor and Classify Eutrophication of Inland Lakes, W74-06698 7-13 54
W74-08200 7-16 5C	W74-11403 7-21 5D	Utilization of ERTS-1 Data to monitor and
CHANG, N. L. Treatment of Sulfite Evaporator Cendensates for Recovery of Volatile Components,	CHARBONNIERAS, J. French Legislation and Policies Regarding Environmental Protection (Legislation et politique	Classify Eutrophication of Inland Lakes, W74-07484 7-14 50
W74-09066 7-17 5D	Françaises en matiere de protection de	CHASE, T. JR. Population Changes in Enteric Bacteria and
CHANG, P. W. Effect of Ozonation on Human Enteric Viruses	l'environnement), W74-12403 7-23 6E	Other Microorganisms During Aerobic Thermo philic Windrow Composting, W74-04908 7-10 51
in Water from Rhode Island Rivers, W74-13056 7-24 5F	CHARLES, C. O. Minimum Cost Design of Water Distribution	CHASSE, J. P.
CHANG, S.	Systems,	Staff Report on Coal Gasification: Processe
Optimal Allocation of Artificial Aeration Along	W74-03205 7-07 8A	and Effects,
a Polluted Stream Using Dynamic Pro- gramming,	CHARLES, O. W.	W74-05416 7-11 51
W74-00883 7-02 5G	Effect of Consumption of Shavings on He- matology of Turkey Poults,	CHASTAIN, R. L. Index of Stream Gaging Stations in and Ad
CHANG, Y. C.	W74-10136 7-19 5C	jacent to California, 1970,
Mathematical Model for Barged Ocean	CHARLSON, R. J.	W74-01943 7-04 21
Disposal of Wastes, W74-06837 7-13 5B	H2SO4/(NH4)2SO4 Aerosol: Optical Detection	CHATFIELD, J. E.
	in St. Louis Region,	Liquid Treatment Plant and Process, Particular
CHANGNON, S. A. JR. Causes for Precipitation Increases in the Hills	W74-10965 7-21 5A	larly for Waste Water, W74-05906 7-11 51
of Southern Illinois,	Overview of the California Aerosol Charac-	
W74-11138 7-21 2B	terization Experiment, W74-10953 7-21 5A	CHATHAM, C. E. JR. Study of Beach Widening by the Perche
CHAPLER, R. S. Test and Evaluation of an 80,000 GPD Reverse	CHARLTON, J.	Beach Concept Santa Monica Bay, California Hydraulic Model Investigation,
Osmosis Seawater Desalination Plant Mounted	System for Survellance of Ocean Dumping	W74-05039 7-10 8
on an Ammi Pontoon,	W74-03021 7-06 5G	CHATICAL MA
W74-10405 7-20 3A	CHARNELL, R. L.	CHATIGNY, M. A. Considerations in Application of Microorgan
CHAPMAN, B. T. A Mathematical Model of a River Purification	An Oceanographic Observation of New York Bight from ERTS-1,	isms to the Environment for Degradation of Petroleum Products,
Lake,	W74-09589 7-18 5B	W74-08618 7-16 5
W74-10571 7-20 5C	CHARTER, D. B. JR.	CHATTOPADHAYA, S. N.
CHAPMAN, D. Economic Aspects of a Nuclear Desalination	The Coast Guard Marine Environmental Protection Program,	Characterization and Treatability of Chrom Tanning Waste,
Agro-Industrial Project in the United Arab	W74-10773 7-20 5G	W74-11707 7-22 5
Republic, W74-05382 7-10 3A	CHARUDATTAN, R. Biological Control of Water Weeds With Plant	CHAU, A. S. Y. Determination of Pentachlorophenol in Nature
CHAPMAN, D. J.	Pathogens,	and Waste Waters,
Biliproteins and Bile Pigments, W74-12570 7-23 5C	W74-01653 7-04 5C	W74-07385 7-14 5.
W /4-125/0 1-25 3C	CHARY, H. A.	Herbicide Analysis: Relationship Betwee
CHAPMAN, M. A.	A History of Air Weather Service Weather	Molecular Structure and Retention Index,
Calamoecia Lucasi (Copepoda, Calanoida) and Other Zooplankters in Two Rotorua, New Zea-	Modification, 1965-1973,	W74-01416 7-03 5.
land, Lakes,	W74-10675 7-20 3B	CHAU, Y. K.
W74-13467 7-24 2H	Seventh Annual Survey Report on the Air Weather Service Weather Modification Pro-	Complexing Capacity of Natural Water - It Significance and Measurement,
A New Species of Boeckella (Copepoda: Cala- noida) from Northland, New Zealand,	gram (FY 1974), W74-11433 7-21 3B	W74-03578 7-07 5
W74-01309 7-03 5A	W/4-11433 /-21 3B	Determination of Labile and Strongly Boun
CHAPMAN, M. T. Cathodic Protection, Control of External Cas-	Sixth Annual Survey Report on the Air Weather Service Weather Modification Pro-	Metals in Lake Water, W74-09896 7-19 5
ing Corrosion,	gram (FY 1973),	CHAUBE, S.
W74-05085 7-10 8G	W74-06356 7-12 3B	Zinc and Cadmium in Normal Human Embryo and Fetuses, Analyses by Atomic Absorption
CHAPPEIL, G. M.	CHASE, D. L.	Spectrophotometry,
Process for Treating Domestic and Industrial Liquid Wastes,	Preliminary Studies Using Synthetic Polymers to Reduce Turbidity in a Hatchery Water	W74-09785 7-18 5
W74-11064 7-21 5D	Supply,	CHAUDHRY, M. T.
CHAPPEL, D.	W74-11942 7-22 5C	Optimal Conjunctive Use Model for Indu Basin,
Santee Submergence, Example of Cyclic Sub-	CHASE, G. I.	W74-08059 7-15 4
merged and Emerged Sequences, W74-07247 7-14 2L	An Ion-Exchange Process for Recovery of Chromate From Pigment Manufacturing,	Research and Education for Development,
CHAPRA, S. C.	W74-10423 7-20 5D	W74-00212 7-01 10

CHAUDHRY, Y. M.

Application of the Implicit Method to Surges in Open Channels,
W74-02767 7-06 2E

HAPKA, S. C.

Documentation for SNSIM1/2, a Computer Program for the Steady-State Water Quality Simulation of a Stream Network, W74-11978

CHASE, P. E.

ERTS-1 Investigation of Ecological Effects of Strip Mining in Eastern Ohio, W74-02572

7-05 7B

Characterization of Suspended Sediments in

CHAUDHURI, M.	CHEKOTILLO, K. A.	CHENG, H. H.
Virus Removal in Waste Stabilisation Ponds, W74-08352 7-16 5D	Movement of Deep Water in the Western Boundary Region of the Tropical Atlantic (O dvizhenii glubinnykh vod v zapadnoy	Characterizate Water from S Control Pro
CHAUHAN, H. S. Determination of Water Intake Rate of Advance.	pogranichnoy oblasti tropicheskoy Atlantiki), W74-09937 7-19 2E	Lake Eutropi W74-07736
W74-08275 7-16 3F	CHELSETH, A. D.	Nitrogen, Sa
Charles In Indication Water Advance	A Game Plan for Water Resources,	an Irrigated (
Shape Factors in Irrigation Water Advance Equation.	W74-10734 7-20 6E	ment of Nitro
W74-05681 7-11 3F	CHEN, B. H. H.	W74-10343
	Coagulant Recovery and Reuse in Water Recla-	CHENG, L.
CHAUNG, S. C.	mation Systems, W74-07844 7-15 5D	Can Halobat
Turbulent Diffusion in Liquid Jets: Final Re- port,	W74-07844 7-15 5D	W74-06117
W74-10195 7-19 5B	CHEN, C.	
	Changes in the Concentration of Soluble and	Can Halobat
CHAUVIN, J. V.	Particulate Iron in Seawater Enclosed in Con-	W74-06118
The Determination of Lead and Nickel by Atomic-Absorption Spectrometry with a	tainers, W74-00830 7-02 2K	CHENG, R. T.
Flameless Wire Loop Atomizer,	W /4-00830 /-02 ZK	On the Sol
W74-01363 7-03 5A	CHEN, C. H.	Flow Proble
	Geology and Geothermal Power Potential of	Element Met
CHAVEZ, F. III	the Tatun Volcanic Region,	W74-06890
A Study of Water Used on Urban Landscapes, W74-02459 7-05 6B	W74-08990 7-17 2F	CHENIAE, G.
W14-02439 1-03 0B	CHEN, C. K.	Absence of (
CHEATUM, E. L.	Turbulence in Wakes of Roughness Elements,	Grown Chlo
Definition of Critical Coastal Areas and Ap-	W74-05826 7-11 8B	ygen-Evolvir
proaches to Standards for Management,	CHEN, C. W.	W74-06544
W74-08532 7-16 2L	Management of Urban Storm Runoff,	CHEONC II I
CHEBAN, V. A.	W74-10395 7-20 5D	CHEONG, H-F Dispersion of
Catalog of USSR Glaciers. Volume 14. Soviet		ment Bed Lo
Central Asia. No. 2. Kirgizia. Part 3. Basin in	CHEN, FOO YEN	W74-03797
Upper Reaches of the Chu River (Katalog led-	Indications of the Relationship Between Phyto- Plankton Distribution and Phosphate Levels,	
nikov SSSR. Tom 14. Srednyaya Aziya. Vypusk 2. Kirgiziya. Chast' 3. Basseyn verk-	W74-08476 7-16 5C	Dispersion
hov'yev r. Chu),		Load,
W74-11219 7-21 2C	CHEN, J-Y. T.	W74-07446
	Infrared Studies of Chlorinated Dibenzo-p- Dioxins and Structurally Related Compounds,	CHEPURNAY
CHEBOTAREV, A. I.	W74-01509 7-03 5A	Circulation
Problems of the Effect of Human Activity on Water Resources and Water Regime (Voprosy		Treatment
vliyaniya khozyaystvennoy deyatel'nosti na	CHEN, K. L.	Recovered b
vodnyye resursy i vodnyy rezhim),	Nitrogen Fixation in Lake Sediments: A Con-	W74-10021
W74-10626 7-20 4C	tribution to Nitrogen Budget of Lake Mendota, W74-02924 7-06 5C	CHERDYNTSI
CHEROTAREN E N	17-02-52-4	Origin of Th
CHEBOTAREV, E. N. Microbiological Oxidation of Hydrogen Sulfide	CHEN, K. Y.	Radioisotopi
in the Repnoe Lake (Slavonic Lakes), (In Rus-	Adsorption of Hg(II) by Hydrous Manganese	W74-09015
sian),	Oxides, W74-05491 7-11 5A	
W74-12168 7-23 5C	W/4-03491 /-11 3A	Uranium-234
CHEROTA BYOY A I	Solvent Extraction of Sulfur From Marine	W74-07790
CHEBOTARYOV, A. I. Hydrology and Structural Design (In Russian),	Sediment and Its Determination by Gas Chro-	CHEREMISIN
W74-07767 7-15 8B	matography.	Corrosion R
	W74-07565 7-14 5A	tion Materia
CHEBOTINA, M. YA.	CHEN, M.	W74-07888
Effect of Water-Soluble Decomposition	Phosphate Removal by Sands and Soils,	CHEREMISIN
Products of Herbaceous Plants on Uptake of Radioisotopes in Soil. (in Russian),	W74-12235 7-23 5E	Corrosion R
W74-08117 7-15 2G	CHEN, R. L.	tion Materia
	Nitrogen Transformations in Sediments as Af-	W74-07888
CHEESEMAN JR, D. T.	fected by Chemical Amendments,	
Larval Distribution of Paraclunio alaskensis at	W74-05485 7-11 5B	CHERKASOV
Point Pinos Sewage Outfall, Monterey County, California (Diptera, Chironomidae),	CHENG, B. T.	Catalog of
W74-01779 7-04 5B	Interaction of Temperature and Moisture on	Central Asia lednikov S
	Iron and Manganese Availability in Soils,	Vypusk 1. S
CHEESEMAN, P. C.	W74-10913 7-21 2G	W74-11217

CHENG, E. D. H.

W74-09655

CHENG, F. Y.

W74-08776

fall,

Some Statistical Analyses of Hawaiian Rain-

Oxygen Utilization in Bacterial-Protozoan Community,

7-20 4A

CHEESEMAN, P. C.

Effect of Drain Depth and Gap Width on Potential Flow in Homogeneous Porous Soil,

Search for a Method for Sanitizing Sewage from Helminth Eggs Using Agrochemical Means. (Preliminary Communication), (In Rus-

W74-10568

W74-07018

CHEFRANOVA, YU. A.

Characterization of Suspended		
Water from Selected Watershed		
Control Processes, Nutrient	Contents,	and
Lake Eutrophication,		
W74-07736	7-15	5B
		-
Nitrogen, Salinity, and Acidity	Distribution	n in
an Irrigated Orchard Soil as Affe	ected by Pla	ace-
ment of Nitrogen Fertilizers,		-
W74-10343	7-19	30
	,-1,	30
CHENG, L.		
Can Halobates Dodge Nets. I: B	v Daylight	
W74-06117	7-12	
W/4-0011/	7-12	21
Can Halobates Dodge Nets. II: I	w Moonlieb	
W74-06118	7-12	
W /4-00116	/-12	21
CHENG, R. T-S.		
On the Solution of Transien	· Fran Curr	-
Flow Problems in Porous Medi	a by the r	inite
Element Method,		
W74-06890	7-13	2F
CHENIAE, G. M.		
Absence of Oxygen-Evolving Ca		
Grown Chlorella: The Photoaci	tivation of	Ox-
ygen-Evolving Centers,		
W74-06544	7-13	5C
CHEONG, H-F		
Dispersion of Contaminants At	tached to S	edi-
ment Bed Load,		
W74-03797	7-08	5R
	, .00	20
Dispersion of Contaminated	Sediment	Bed
Load,		
W74-07446	7-14	SD.
W 14-01440	1-14	JD
CHEPURNAYA, G. S.		
Circulation System Water Put	rification .	Rv
Treatment With Ammonia		
Recovered by Means of Ion Exc	Suoseque	
W74-10021		
W /4-10021	7-19	30
CHERRYNTOPY V V		
CHERDYNTSEV, V. V.	. D 6 7	m:-
Origin of Thermal Waters on the	e Basis of I	neir
Radioisotopic Content,		
W74-09015	7-17	2K
Uranium-234,		
W74-07790	7-15	5B
CHEREMISINOFF, N. P.		
Corrosion Resistance of Piping	and Cons	truc-
tion Materials,		
W74-07888	7-15	8G
		-
CHEREMISINOFF, P. N.		
Corrosion Resistance of Piping	and Cons	truc-
tion Materials.		
W74-07888	7-15	96
W 14-07000	7-13	90
CHERKASOV, L. G.		
Catalog of USSR Glaciers. Vo	hime 14 S	oviet
Catalog of Cook Glaciers. Vo		** 30.6

Central Asia. No 1. Syrdar'ya. Part 4. (Katalog

lednikov SSSR. Tom 14. Srednyaya Aziya. Vypusk 1. Syrdar'ya. Chast' 4.),

Distribution of Zr, Ti, Ni, Co, Pb, Cu, and

Other Elements in the Surface Layer of Recent

Sediments of Lake Balkhash (Raspredeleniye

Zr, Ti, Ni, Co, Pb, Cu i drugihk elementov v

poverkhnostnom sloye sovremennykh osa dkov oz. Balkhash),

CHERKASOVA, YE. V.

W74-03827

7-18 2B

7-17 5C

CHERKAUER, D. S.

CHERKAUER, D. S. Minimization of Power Expenditure in a Riffle-	Sand Movement Along Equilibrium Beaches North of San Francisco,	U.S. Deepwater Port Study, Vol 3. Physical Coast and Port Characteristics, and Selected
Pool Alluvial Channel,	W74-01213 7-03 2J	Deepwater Port Alternatives, W74-06864 7-13 6D
W74-02768 7-06 2J	CHERRY, R. H. JR.	W /4-00804
CHERKAVSKIY, S. K.	Trace Metals in Effluents from Metallurgical	CHEW, E. W.
State Record Keeping on Water and Its Usage	Operations,	Experimental Results from Processing Gasbug-
and Hydrologic Calculations and Forecasts (Gosudarstvennyy uchet vod i ikh	W74-09212 7-17 5D	gy Gas in a Natural Gas Processing Plant, W74-02021 7-04 5B
ispol'zovaniya i gidrologicheskiye raschety i	CHERRY, R. N.	
prognozy),	Hydrobiochemical Effects of Spraying Waste-	CHEW, K.
W74-08054 7-15 7A	Treatment Effluent in St. Petersburg, Florida,	Neutron Irradiation of Mercury in Polyethylene Containers.
CHERKESOV, L. V.	W74-07978 7-15 5C	W74-05476 7-11 5A
Surface and Internal Waves, (Poverkhnostnyye	Hydrogeologic Aspects of a Proposed Sanitary	
i vnutrenniye volny),	Landfill Near Old Tampa Bay, Florida,	CHEW, M. C.
W74-02299 7-05 2E	W74-02628 7-05 5E	Public Response to Desalted Sea Water, W74-09171 7-17 6D
CHERKINSKII, S. N.	CHESLER, S. N.	
Barrier Role of Water Works Installations in	Coupling of High Speed Plasma Chromatog-	CHHATWAL, S. S.
Respect to Chemical Contaminations Classified	raphy with Gas Chromatography,	Experimental and Mathematical Modeling of Liquid-Liquid Miscible Displacement in Porous
According to Organoleptic Properties of Hazards, (In Russian),	W74-00271 7-01 2K	Media,
W74-01584 7-03 5D	CHESNUTWOOD, C. M.	W74-00366 7-01 2F
	A Comparison of Land-Use Determinations	CIII C T
Comparative Evaluation of the Efficacy of Ozonization and Other Means of Treating	Using Data from ERTS-1 and High Altitude	CHI, C. T. Mixed Culture Biooxidation of Phenol. III. Ex-
Water Containinated With Oil Products (In	Aircraft,	istence of Multiple Steady States in Continuous
Russian),	W74-06638 7-13 4A	Culture with Wall Growth,
W74-01580 7-03 5F	CHESSELET, R.	W74-03881 7-08 5C
CHERNE, L. G.	Extra-Terrestrial Mn-53 in Antarctic Ice,	CHIA, S. N.
Liquid Aerating Rotor Assembly,	W74-05991 7-12 2C	The Design of the Monitoring System for the
W74-02042 7-04 5D	CHESSON, N. W.	Thermal Effect Study of the Surry Nuclear
CHERNOUSOVA, V. M.	Water and Wastewater Systems Inventory - Re-	Power Plant on the James River, W74-04246 7-08 5B
Effect of Artificial Water Aeration on Basin	gion H, North Carolina,	W /4-04240 /-08 3B
Algal Flora, (In Russian),	W74-07063 7-14 5D	CHIANG, H. C.
W74-03918 7-08 5C	CHECTED D	Corn Defoliation Surveys,
CHERNOVA, L. P.	CHESTER, R. The Influence of Suspended Particles on the	W74-05520 7-11 7B
Catalog of USSR Glaciers. Volume 16. Angara-	Precipitation of Iron in Natural Waters,	CHICK, M.
Yenisey Region. No. 1. Yenisey. Parts 3-5. No.	W74-04272 7-08 5B	A New Benzene-Ethanol-Water Solvent
2. Angara. Part 1. (Katalog lednikov SSSR.		System for TLC Separation of Aflatoxins,
Tom 16. Angaro-Yeniseyskiy rayon. Vypusk 1. Yenisey. Chasti 3-5. Vypusk 2. Angara. Chast'	CHESTERMAN, W. D. Sedimentation by Non-Tidal Currents Around	W74-05436 7-11 5A
1),	Northern Denmark,	CHIDLEY, T. R. E.
W74-11213 7-21 2C	W74-07160 7-14 2L	The Design of a Two-Reservoir River Regulat-
CHERNYAYEV, A. M.	CHECKAUTE A E	ing Scheme, W74-12132 7-23 4A
Hydrochemical Zonality of Ural Lakes	CHESTNUT, A. F. Biological Investigations of Noxious Coelen-	W 14-12132 1-23 4A
(Gidrokhimicheskaya zonal'nost' ozer Urala),	terates and Ctenophores in Coastal North	CHIEN, J-S.
W74-00840 7-02 2H	Carolina,	Urban Runoff by Linearized Subhydrographic
Water Resources of the Ural Area and Basic	W74-07479 7-14 2L	Method, W74-11890 7-22 2A
Problems in Their Complex Use (Vodnyye re-	Hydrographic Atlas of North Carolina	
sursy Urala i osnovnyye problemy ikh kom-	Estuarine and Sound Waters, 1972,	CHIERICI MAGNETTI, PAOLA
pleksnogo ispol'zovaniya),	W74-05032 7-10 2J	Study on the Periphytic Colonizations of a Lateral Environment of the River Po(Italy), (In
W74-01135 7-03 3E	CHEUNC I M	Italian).
CHERNYAYEVA, L. YE.	CHEUNG, J. M. Predicting Depth-Discharge Relationships for	W74-07702 7-15 21
Hydrochemical Zonality of Ural Lakes	Sand-Bed Rivers,	
(Gidrokhimicheskaya zonal'nost' ozer Urala), W74-00840 7-02 2H	W74-12093 7-23 4A	CHIKISHEV, A. G. Methods of Karst Investigation (Metody
W74-00840 7-02 2H		izucheniya karsta),
CHERNYSHEV, YE. P.	CHEVALIER, J. R. Cannibalism as a Factor in First Year Survival	W74-00345 7-01 2K
Effect of Changes in Water Balance of Cul-	of Walleye in Oneida Lake,	
tivated Fields on Erosion Processes (Vliyaniye izmeneniya vodnogo balansa	W74-13489 7-24 2H	CHILD, J. J. Improved pH Control of Fungal Culture Media.
sel'skokhozyaystvennykh poley na protsessy		W74-04903 7-10 5A
erozii),	Toxicity of Sodium Sulfide to Common Shiners	
W74-11011 7-21 2J	Dynamic Bioassay, W74-03075 7-06 5C	CHILDERS, J. M.
CHERRY, D. S.		Flood Survey at Proposed Taps Crossing of Yukon River near Stevens Village, Alaska,
The Use of a Mobile Laboratory to Study Tem-	CHEVEREAU, G.	W74-09405 7-18 40
perature Response of Fish,	Mathematical Model for Oxygen Balance in	
W74-11297 7-21 5C	Rivers, W74-05392 7-10 5B	Flood Surveys Along Taps Route, Alaska,
CHERRY, J. A.		W74-13198 7-24 2E
Hydrogeologic Studies at a Subsurface	CHEVEY, P.	CHILDERS, T. W.
Radioactive-Waste-Management Site in West-	U.S. Deepwater Port Study, Vol. 2. Commodity	Installation of Underwater Pollution Ap
Central Canada, W74-03239 7-07 5E	Studies and Projections, W74-06863 7-13 6D	paratus, W74-03661 7-07 50
1-07 JE	11.1-00003 /-13 OD	

CHILDRESS, J. D.	CHIPMAN, W. A.	CHOI, SEUNG IL
Some Characteristics of Soil and Perennial Vegetation in Northern Mojave Desert Areas	Food Chains in the Sea, W74-12051 7-23 5C	Development of Water from Fractured Crystal- line Rocks, Republic of Korea,
of the Nevada Test Site,	CHIRRICK, J. M.	W74-12018 7-23 4B
W74-02024 7-04 5B	Development of Large Spiral Membrane	CHOJNACKI, A.
CHILDREY, M. R. Optimal Design for Highway Drainage Cul-	Reverse Osmosis Elements for Low-Cost Water Purification and Reclamation.	Protection of Water Against Pollution, W74-00731 7-02 5C
verts,	W74-08338 7-16 3A	CHOONG, CHOU TAI
W74-09630 7-18 4A	CHICARY FOR M. B.	Groundwater investigations in Singapore,
CHILDS, E. A. Lead and Cadmium Content of Selected	CHISTYAKOV, M. P. A Horizontal Distribution of Oribatids in Ex-	W74-08455 7-16 4B
Oregon Groundfish,	hausted Peat-Bogs of the Balachninskaya	CHOPRA, A. K.
W74-13318 7-24 5C	Lowland, (In Russian),	A Computer Program for Earthquake Analysis
	W74-02820 7-06 2H	of Gravity Dams Including Hydrodynamic In-
Mercury Content of Oregon Groundfish, W74-11717 7-22 5A	CHISTYAKOV, N.	teraction, W74-06280 7-12 8A
CHILDS, J. F.	Unique Water Treatment Plant Ensures Purity of Lake Baikal,	
Regional Tectonic Control of Tertiary	W74-00786 7-02 5D	Earthquake Analysis of Structure-Foundation Systems.
Mineralization and Recent Faulting in the	CHITHARANJAN, K.	W74-05846 7-11 8E
Southern Basin Range Province, An Applica- tion of ERTS-1 Data,	Sea Pollution in Singapore,	Forthaugha Bassana of County Dama Includ
W74-01710 7-04 7C	W74-08475 7-16 5B	Earthquake Response of Gravity Dams Includ- ing Reservoir Interaction Effects,
CHILDE & M	CHIU, K-C.	W74-06359 7-12 8A
CHILDS, S. W. An Evaluation of Farm Irrigation Practices as a	Digital Control Algorithms. Part III. Tuning PI	CHOPPA C C
Means to Control the Water Quality of Return	and PID Controllers.	CHOPRA, C. S. Wood Waste Reuse in Controlled Release
Flow.	W74-06750 7-13 7C	Pesticides.
W74-11681 7-22 3C		W74-05286 7-10 5D
	CHIU, S. Y.	174 03200
CHILINGARIAN, G. V.	ATP Pools in Activated Sludge,	CHOU, J. C. S.
Effect of Compaction on Chemistry of Solu- tions Expelled from Montomorillonite Clay	W74-05914 7-11 5D	Application of Reverse Osmosis Technology to
Saturated in Sea Water,	CHIZHIKOVA, N. P.	Hawaiian Low Quality Waters,
W74-00102 7-01 2J	Clay Minerals in Sediments From The	W74-09052 7-17 5D
	Northwestern Part of The Pacific Ocean	CHOUDHARY, M. C.
CHILSON, M.	(Glinistyye mineraly v osadkakh severo-zapad-	The Characeae of Southeastern United States,
Treatment of Laundromat Wastes, W74-05109 7-10 5D	noy chasti Tikhogo okeana), W74-10382 7-20 2J	W74-04879 7-10 5A
	W14-10302	CHOUN, J. M.
CHILTON, R.	CHIZHOV, A. N.	Method and Filter Media for the Treatment of
The Role of Dew in the Seasonal Moisture Balance of a Summer-Dry Climate,	Accuracy and Rationalization of River	Sewage and Waste Waters,
W74-07037 7-13 2B	Discharge Measurements,	W74-10025 7-19 5D
	W74-11527 7-22 7B	CHOW, A.
CHING-CHIEH, Y.	CHLUDZINSKI, P. J.	The Extraction of Mercury From Aqueous
The Fate of Dieldrin in a Model Ecosystem,	Tubular Reverse Osmosis Membrane Develop-	Solution with Sulfide-Treated Polyurethane
W74-06170 7-12 5B	ment Using Sulfonated Polyphenylene Oxide,	Foam,
CHINNAMANI, S.	W74-01936 7-04 3A	W74-00459 7-01 5A
Land Management in Red (Chalka) Soils of		CHOW SIONG KENG, D.
Telengana,	CHO, C-C.	Flood Control and Water Conservation Works
W74-02086 7-04 3F	Planning Methodology for the Design of Re- gional Waste Water Treatment Systems,	in Bukit Timah Catchment, Singapore,
CHIOGIOJI, E. N.	W74-13018 7-24 5D	W74-08456 7-16 4A
Evaluation of the Use of Pricing as a Tool for	174 35	
Conserving Water,	СНО, Т.	CHOW, T. L.
W74-04810 7-09 3D	On Application Efficiency and Effects of	Dynamic Measurement of Hydrologic Proper- ties of a Layered Soil During Drainage and
CHIOCIOH M H AND	Trickle Irrigation in a Sand Dune Field (In	Evaporation, Followed by Wetting,
CHIOGIOJI, M. H. AND Evaluation of the Use of Pricing as a Tool for	Japanese),	W74-12838 7-24 2G
Conserving Water,	W74-13348 7-24 3F	
W74-04810 7-09 3D	On the Hydraulics of the Nozzle on Trickle Ir-	CHOW, V. T.
	rigation System (In Japanese),	Application of DDDP in Water Resources
CHIOSILA, I.	W74-13349 7-24 3F	Planning, W74-06503 7-13 6A
Contributions to the Knowledge of Biogenic Elements and Phtoplankton Associations	ana. v. a	W74-06503 7-13 6A
Dynamics in Frasinet Pond During November	CHOI, K. C.	A Constant Discharge Siphon for Flow Mea-
1969-November 1970, (In Rumanian),	Ecological Studies on the Penaeus orientalis Kishinoue Cultured in a Pond Filled with Sea	surement and Control,
W74-00727 7-02 5C	Water: I. Growth Rate as Related to the Sub-	W74-11534 7-22 7B
Primary Production-Phytoplankton Relation-	strate Materials, Survival Rate, Predator of P.	Hydrodynamic Modeling of Two-Dimensional
ship in the Crapina-Jijila Complex in the Flood	Orientalis, and Water Conditions of Culturing	Watershed Flow,
Conditions of 1970, (In Rumanian),	Pond,	W74-01278 7-03 2A
W74-01015 7-02 2I	W74-00486 7-01 5C	CHOWDHRI, M. A.
Primary Productivity in the Crapina-Jijila Lake-	CHOI, S. K.	Microdetermination of Thiocyanates with N-
Complex (Danube Flooded Area) During	Diffusion of Cattle Manure Solution Through a	Bromosuccinimide Using Bordeaux Red as an
Severe Flooding,	Wet Porous Stratum with Reaction,	Indicator,
W74-04194 7-08 5C	W74-05591 7-11 5B	W74-05443 7-11 5A

CHOWNING J. T.

Chowning, c		
CHOWNING, J. T.	CHRISTIE, W. J.	CHUEVA, L. S.
A Multilayer Aquifer Model of the Ogallala	Changes in the Fish Species Composition of the	Treatment of Children with Chronic Hepatoan-
Formation in Oklahoma,	Great Lakes,	giocholecystitis at the Lake Uchum Health
W74-05962 7-12 2F	W74-12264 7-23 5C	Resort, W74-08102 7-15 2I
CHRISTENSEN, B. A.	CHRISTOPHERSEN, K.	
A Physical Model for Prediction and Control of	Report of Attitudes and Opinions of Recrea-	CHUKHLEBOVA, N. A.
Saltwater Intrusion in the Floridan Aquifer,	tionists Towards Wild and Scenic Rivers: A	Effect of Urban Sewage on the Sanitary and Biological Regime of the Lopan River (In Rus-
W74-06609 7-13 2F	Case Study of the St. Joe River,	sian),
CHRISTENSEN, R. C.	W74-01102 7-03 6B	W74-13401 7-24 5C
Environmental Geology and Hydrology, Madis-	CHRISTY, F. T.JR.	OHIER BOYANA
on County, Alabama: Water Resources,	Fisherman Quotas: A Tentative Suggestion for	CHUKHLIBOVA, N. A. Algae of Secondary Settling Tanks, (In Rus-
W74-04911 7-10 4B	Domestic Management,	sian),
CHRISTENSEN, R. E.	W74-03991 7-08 6E	W74-00730 7-02 5D
Cadmium, Nickel, Lead, and Zinc in	Fishery Problems and the U.S. Draft Article,	
Earthworms from Roadside Soil,	W74-05650 7-11 6E	CHULANOVSKAYA, M. V.
W74-09780 7-18 5C	W/4-03030 /-11 6E	Bioenergetics of the Assimilating Cells of Chlorella Pyrenoidosa Chick. II. Relation of
CHRISTIAN D. I	CHROMINSKI, A.	Cyclic and Non-Cyclic Photophosphorylation
CHRISTENSEN, R. L.	Effect of Growth Regulators on Water	to Photosynthetic CO2 Fixation,
Economic Costs of Water Quality Protection on Dairy Farms,	Metabolism in Plant: I, IAA, Tiba (2,3,5-	W74-05059 7-10 5C
W74-12788 7-24 5E	Triiodobenzoic Acid), GA (Gibberellic Acid)	CHIN P
	and CCC (2-Chloroethylitrimethylammonium	CHUN, R. Control of Grading Practices in the City and
CHRISTERSSON, L.	Chloride) on Hydration of Tomato Leaves at Various S oil Moisture Contents, (In Polish),	County of Honolulu,
The Effect of Inorganic Nutrients on Water	W74-01026 7-02 3F	W74-07139 7-14 4D
Economy and Hardiness of Conifers: I. The Ef-	7-02 31	
fect of Varying Potassium, Calcium and Mag- nesium Levels on Water Content, Transpiration	Effect of Growth Regulators on Water	CHUNG, K. S.
Rate and the Initial Phase of Development of	Metabolism in Plant: II. IAA, TIBA (2,3,5-	Biological Studies on the Fresh-Water Shrimps in Korea: 4. The Ecology of Macrobrachium
Frost Hardiness of Pinus silvestris L.	Triiodobenzoic Acid), GA (Gibberellic Acid)	nipponensis (De Haan) (In Korean),
Seedlings,	and CCC(2-Chloroethyltrimethylammonium	W74-05583 7-11 2I
W74-11648 7-22 2D	Choride) on Transpiration Rate and Stomatal	anna v a
CHRISTIAN, G. D.	Aperatures o f Intact Tomato Plants, (In Polish),	CHUNG, Y. C. Transient Excess-Radon Profiles in Pacific Bot-
Gas-Chromatographic Determination of Seleni-	W74-01027 7-02 3F	tom Water.
um,		W74-05990 7-12 2K
W74-00041 7-01 2K	CHU, A.	
	Microdetermination of Chloro-S-Triazines in	CHURAYEV, N. V.
Salting-Out of Acetone from Water -Basis of a	Soil by Gas-Liquid Chromatography with	Rate of Evaporation of Water From Capillaries of Different Diameter Into Moist Air (Skorost'
New Solvent Extraction System, W74-00290 7-01 2K	Nickel Electron Capture or Electrolytic Con- ductivity Detection,	ispareniya vody iz kapillyarov raznykh
W14-00270 7-01 2K	W74-01304 7-03 5A	diametrov vo vlazhnyy vozdukh),
Simple Inexpensive Freeze-Drying Procedure,		W74-11448 7-21 2D
W74-01339 7-03 7B	CHU, G. C. Y.	CHURCH, M.
Solvent Extraction of Metal Chelates into	Dynamic Behavior of a Complete-Mixing Ac-	Stream Gauging with Portable Equipment,
Water-Immiscible Acetone,	tivated Sludge System,	W74-11516 7-22 7B
W74-05311 7-10 5A	W74-04900 7-10 5D	
	CHU, R. T.	CHURCHLAND, L. M. Marine Fungi Isolated from a Kraft Pulp Mill
CHRISTIANSEN, C.	A Two-Dimensional Warm Fog Modification	Outfall Area,
Cadmium Concentrations in Some Fish Species from A Coastal Area in Southern Norway,	Model,	W74-07396 7-14 5B
W74-00257 7-01 5A	W74-10359 7-20 2B	
701 311	CHU, S. T.	CHURSHINA, N. M.
CHRISTIANSEN, J. E.	Development of Bi-Level Drainage Theory,	The Dushanbe Artesian Basin and Its Mineral and Thermal Waters (Dushanbinskiy artezian-
Drainage Observations in Latin America,	W74-09817 7-19 4A	skiy basseyn i yego mineral'nyye i termal'nyye
W74-08268 7-16 4A		vody),
CHRISTIANSEN, L. M.	Hydraulics of a Center Pivot System,	W74-00117 7-01 4B
Concrete Gravity Dams,	W74-06583 7-13 3F	CHUTTED F M
W74-01066 7-02 8A	CHU, V. H.	CHUTTER, F. M. An Ecological Account of the Past and Future
CHRISTIANSEN, P. W.	Buoyant Forced-Plumes in Cross Flow,	of South African Rivers,
The Quest for Water in New Mexico,	W74-12978 7-24 8B	W74-06606 7-13 5C
W74-00006 7-01 6E		CIANCIA, J.
	CHUA, THIA ENG	Pollution Abatement in the Metal Finishing In-
CHRISTIANSEN, R. L.	Research on the Culture of Certain Common	dustry,
Meteoric Water in Magmas,	Marine Organisms in Singapore Waters, W74-08477 7-16 3F	W74-09213 7-17 5D
W74-11112 7-21 2K	7-10 3F	CICCARELLI, M. F.
CHRISTIANSON, C. D.	CHUBATYY, O. V.	Computerized Digital Data Acquisition System
Diffusion System for Cold Climate Lagoons,	Runoff Formation on Mountain Slopes Under	for Thermogravimetry and Similar Applica-
W74-10169 7-19 5D	Carpathian Beech and Spruce Forests,	tions,
CHRISTIE, J. H.	W74-00338 7-01 4A	W74-02977 7-06 2K
Analytical Applications of Pulsed Voltammetric	CHUBB, L. W.	CICHOWSKI, M.
Stripping at Thin Film Mercury Electrodes,	A Hybrid Automatic Analyser,	Environmental Control of Nitrogen Fixation in
W74-01514 7-03 5A	W74-09622 7-18 5A	Lakes, I. In situ Nitrogen Fixation by Free Liv-

ing Blue-Green Algae, and II. Nitrogen Fixa- tion by the Duckweed-Algal Association, W74-07716 7-15 5C	The Use of ERTS-1 Data for the Inventory of Critical Land Resources for Regional Land Use Planning,	CLARK, K. K. Transient Pressure Testing of Fractured Water Injection Wells,
W/4-0//10	W74-06634 7-13 4A	W74-04147 7-08 8G
CIKRT, M.		
Polyacrylamide Gel Disc Electrophoresis of	CLAPP, K. E.	CLARK, L. J.
Rat Bile after Intravenous Administration of 52	Granular to Powdered Activated Carbon in Pol-	Nutrient Enrichment and Control Requirements
MnC12, 64CuC12, 203HgC12 and 210	luted Water Purification Process,	in the Upper Chesapeake Bay, Summary and
Pb(N03)2,	W74-03019 7-06 5D	Conclusions,
W74-07694 7-15 5C	CLAPPER, L. S.	W74-06352 7-12 5C
	The Environment and Water-Resource	
CINCOTTA, J.	Development,	CLARK, M.
Apparatus for Removing Oil From Oil-Con-	W74-13221 7-24 5G	The Ocean Edge of San Diego,
taminated Water,	11113221	W74-03120 7-06 6D
W74-00087 7-01 5G	CLAR, M. L. AND	Salts in Irrigation Drainage Waters: I. Effects
CONTRACT A	Approaches to Stormwater Management,	of Irrigation Water Composition, Leaching
CINQUANTINI, A.	W74-04458 7-09 5A	Fraction, and Time Year on the Salt Composi-
Voltammetric Behaviour of Copper(III) and Its	CLARK P. P.	tions of Irrigation Drainage Waters.
Analytical Applications,	CLARK, B. D. The Foderal Bole and Legislative Transa in	W74-00609 7-02 4C
W74-04870 7-10 5A	The Federal Role and Legislative Trends in Control of Ground Water Quality,	
CIOLKOSZ, E. J.	W74-06952 7-13 5G	CLARK, N. O.
Soil as a Medium for the Renovation of Acid	W 74-00932	New Fine Particle Technologies Applied to the
Mine Drainage Water,	CLARK, C. C.	Environmental Problems of the Paper Industry,
W74-04981 7-10 5D	Geophysical Identification of Frozen and Un-	W74-12424 7-23 5D
710 32	frozen Ground, Antarctica,	CLADE B A
CIPOLLI, M. N.	W74-04360 7-09 2C	CLARK, R. A. Chance-Constrained Model of System of
Breeding Calanoida and Cyclopoida		
(Copepoda, Crustacea) in the Waters of the	CLARK, C. D.	Reservoirs, W74-02676 7-06 4A
Guama, Capim and Tocantins Regions, with a	Survey of Oregon's Water Laws,	W /4-020/0 /-00 4A
Note on the Accompanying Fauna, (In Portu-	W74-07611 7-15 6E	Flood Studies,
gese),	CLARK, C. R.	W74-01061 7-02 8A
W74-13465 7-24 5C	Mud Displacement with Cement Slurries,	
	W74-12543 7-23 8F	CLARK, R. B.
CIPRA, J. E.		Application of Remote Sensing Techniques in
Application of Multispectral Remote Sensing to	CLARK, D. A.	Land Use Planning: Floodplain Delineation,
Soil Survey Research in Southeastern Pennsyl-	An Evaluation of Tailings Ponds Sealants,	W74-13142 7-24 4A
vania,	W74-12217 7-23 5G	
W74-06494 7-12 7B	State-of-the-Art: Uranium Mining, Milling, and	CLARK, R. C. JR.
Identification of Assignatural Coops by Com-	Refining Industry.	Paraffin Hydrocarbon Patterns in Petroleum-
Identification of Agricultural Crops by Com-	W74-11791 7-22 5D	Polluted Mussels,
puter Processing of ERTS MSS Data, W74-01688 7-04 3F	W/4-11/21	W74-05326 7-10 5A
W/4-01000 /-04 3F	CLARK, D. P.	CLARK, R. M.
CIRELLO, J.	Cyanide Waste Treatment Utilizing Catalytic	An Investment Decision Model for Control
Unrecorded Pollution and Dynamics of	Oxidation,	Technology,
Biochemical Oxygen Demand,	W74-07272 7-14 5D	W74-04079 7-08 5G
W74-06613 7-13 5B	CLARK, D. T.	
	A History and Preliminary Inventory Report on	CLARK, R. R.
CISLER, J.	the Kentucky Radioactive Waste Disposal Site,	Hydraulic Constants of Tidal Entrances 1: Data
Unsaturated Flow of Water in Anisotropic	W74-04442 7-09 5B	from Nos Tide Tables, Current Tables and
Porous Media,		Navigation Charts,
W74-12835 7-24 2G	CLARK, G. R.	W74-12648 7-23 2L
	Water Quality Improvement of Stratified Im-	CLARK, R. S.
CLAASSEN, J. P.	poundments by Selective Withdrawal of Bot-	Project Foggy Cloud V, Panama Canal Warm
Toward Radscat Measurements Over the Sea	tom Waters,	Fog Dispersal Program,
and Their Interpretation,	W74-12370 7-23 5G	W74-12067 7-23 3B
W74-06361 7-12 7B	CLARK, J.	1-23 3B
CLABORN, V. H.	Coastal Ecosystems. Ecological Considerations	CLARK, S. D.
Gas-Liquid Chromatographic Determination of	for Management of the Coastal Zone,	Public Control and Regulation,
Chlorfenvinphos in Milk, Eggs, and Body Tis-	W74-08642 7-16 2L	W74-05082 7-10 6E
sues of Cattle and Chickens,	117-00012	
W74-02384 7-05 5A	CLARK, J. A.	CLARK, W. E.
705 JA	Flow Visualization in Free Shear Layers,	Computing the Barometric Efficiency of a
CLAINOS, D. M.	W74-01271 7-03 8B	Well,
Input Specifications to Stochastic Decision	CLARK LE	W74-03167 7-06 8B
Models,	CLARK, J. D. The Ship Effect in Producing Wells	The Flow of Mercury in Society,
W74-02209 7-05 2E	The Skin Effect in Producing Wells, W74-05088 7-10 8B	W74-12036 7-23 5B
	W74-05088 7-10 8B	1-23 3B
CLANTON, D. C.	CLARK, J. E.	The Flow of Mercury in Society,
Pasture Irrigation with a Center-Pivot Sprinkler	Sociocultural Impact of Reservoirs on Local	W74-12919 7-24 5B
System,	Government Institutions, Anthropological	
W74-06601 7-13 3F	Analysis of Social and Cultural Benefits and	Physical Characterization of California
CLARD 1.1	Costs from Stream Control MeasuresPhase 4,	Aerosols,
CLAPP, J. L.	W74-04311 7-09 6B	W74-10954 7-21 5A
On Multidisciplinary Research on the Applica-	CTARY TW	Sulfate and Nitrate Chamister in Bhat at an
tion of Remote Sensing to Water Resources Problems.	CLARK, J. W.	Sulfate and Nitrate Chemistry in Photochemi- cal Smog.
	Pollution Control, W74-07970 7-15 6D	Cal Smog, W74-10956 7-21 5A
W74-05988 7-12 7B	W74-07970 7-15 6D	11-11-10-10 1-21 JA

CLARK, W. E.		
Survey of Mercury Usage by Agencies of the	CLAUSEN, G. S.	CLERE, L. T.
United States Government During 1971, W74-13113 7-24 5B	Interbasin Transfer or Migration: An Economic Analysis of Two Responses to Ground Water Depletion.	Sun Oil Develops Water Reuse Program, W74-07882 7-15 5D
CLARK, W. J.	W74-02323 7-05 4B	CLESCERI, N. L.
Seasonal Variations in Selected Physicochemi- cal Conditions of a Small Lake in Brazos Coun-	CLAWSON, M.	Organic Nutrient Factors Effecting Algal Growths.
ty. Texas.	Desalted Seawater for Agriculture: It is	W74-03326 7-07 5C
W74-00074 7-01 2H	Economical, W74-06467 7-12 3A	Perception of Water Quality by Select Respon-
CLARK, W. L. III	W/4-0040/ /-12 3A	dent Groupings in Inland Water-Based Recrea-
Subsurface Quality Transformations During the	CLAY, A. M.	tional Environments,
Initiation of a New Stabilization Lagoon,	Determination of Chromium in Sea Water by	W74-12287 7-23 5G
W74-01972 7-04 5D	Atomic Absorption Spectrometry,	CLEVELAND, D. S.
CLARKE, A. H.	W74-04516 7-09 5A	Evaluation of Asymmetric Hollow Fibers for
The Arctic Dredge, A Benthic Biological Sam-	CLAVEIELD C W	Desalination by Reverse Osmosis,
pler for Mixed Boulder and Mud Substrates,	CLAYFIELD, G. W. Respiration and Denitrification Studies on	W74-00160 7-01 3A
W74-02085 7-04 2C	Laboratory and Works Activated Sludges,	
CLARKE D. E.	W74-10475 7-20 5D	CLEVENSON, S. A.
CLARKE, D. E. Surfactant-Selective Electrodes. Part I. An Im-		Using Computers to Analyze Continuous Data, W74-01520 7-03 7C
proved Liquid Ion-Exchanger,	CLAYTON, J. L.	W 74-01320 7-03 7C
W74-05474 7-11 5A	Water Retention of Granitic Soils in the Idaho	CLIATH, M. M.
	Batholith,	Volatility of DDT Residues in Soil as Affected
CLARKE, D. J.	W74-07170 7-14 2G	by Flooding and Organic Matter Applications,
Resonant and Nonresonant Motion in a Spin-	CLAYTON, L.	W74-07424 7-14 5B
dle-Shaped Basin with an Entrance,	Geology of Mountrail County, North Dakota,	CLICK, C. N.
W74-09893 7-19 2E	W74-02145 7-04 2F	Flow Smoothing in Sanitary Sewers,
CLARKE, M. G.	117 22.15	W74-09471 7-18 5D
Skippack Watershed and the Evansburg Pro-	CLEARY, E. J.	
ject: A Case Study for Water Resources	Effluent Standards Strategy: Rejuvenation of	CLIFFORD, H. F.
Planning,	an Old Game Plan,	Assessment of Two Mesh Sizes for Interpreting
W74-00445 7-01 6B	W74-07769 7-15 5G	Life Cycles, Standing Crop, and Percentage
CLARKE, N. A.	CLEARY, J. W.	Composition of Stream Insects, W74-01601 7-03 2I
Bacterial Pollution Indicators in the Intestinal	Sewage and Water Treatment with Modified	W/4-01001 /-03 21
Tract of Freshwater Fish,	Quarternary Salts of Vinylpyridine	CLIFFORD, M. J.
W74-10131 7-19 5A	Copolymers,	Hydrodynamics of Mount Simon Sandstone,
	W74-08899 7-17 5D	Ohio and Adjoining Areas,
CLARKSON, T. W. Biological Effects of Mercury Compounds,	CLEADY D W	W74-03235 7-07 5B
Discussion Paper,	CLEARY, R. W. New Analytical Solutions for Dye Diffusion	CLIFFORD, M. N.
W74-06814 7-13 5C	Equations,	Metaperiodate - A New Structure-Specific
710 00	W74-11021 7-21 2E	Locating Reagent for Phenolic Compounds,
Biotransformation of Organo-Mercurials in		W74-05439 7-11 5A
Mammals,	CLEASBY, J. L.	CUIPEODD T I
W74-06802 7-13 5C	Future Water Supply Requirements and Alter-	CLIFFORD, T. J. Philometra nodulosa in Wyoming White
Environmental Dynamics of Mercury: Discus-	native Sources of Supply at Ames,	Suckers,
sion Paper,	W74-11617 7-22 6B	W74-05329 7-10 5C
W74-06799 7-13 5B	CLEASBY, J. L. AND	
	Physicochemical Processes for Water Quality	CLIFTON, G. S.
Excretion and Absorption of Methyl Mercury	Control.	The Role of Paper Mill Additives as Potential
After Polythiol Resin Treatment, W74-09575 7-18 5C	W74-04546 7-09 5D	Stream Pollutants Development of Nuclear
W74-09575 7-18 5C		Techniques, W74-05287 7-10 5A
The Occurrence of Mercury in the Environ-	CLEAVES, E. T.	W74-05287 7-10 5A
ment and Man, Discussion Paper,	Chemical Weathering of Serpentinite in the	CLINE, C.
W74-06784 7-13 5B	Eastern Piedmont of Maryland, W74-05729 7-11 2J	InvestigationsGeology and Groundwater
CI ACEN I	W/4-03/29 /-11 2J	Resources, Vicinity of Castle Rock, Cowlitz
CLASEN, J. The Use of Algal Assays for Determining the	CLEMENS, D. H.	County, Washington,
Effect of Iron and Phosphorus Compounds on	Desalination Process,	W74-06278 7-12 4B
the Growth of Various Algal Species,	W74-00081 7-01 3A	CLINE, C. H.
W74-07776 7-15 5C	CI EMPNE M M	A Study of Diffusion in an Estuary,
CLARG C	CLEMENS, M. M. Removal of Organic Material by Adsorption on	W74-04333 7-09 5B
CLAUS, C. Limnological Aspects of Some Moroccon Atlas	Activated Carbon,	OF INE D. M.
Lakes, with Reference to Some Physical and	W74-02264 7-05 5D	CLINE, D. M. Methylmercury Complexes in Aquatic
Chemical Variables, the Nature and Distribu-	, 703 30	Methylmercury Complexes in Aquatic Systems,
tion of the Phyto- and Zooplankton, Including a	CLEMENTI, E.	W74-12480 7-23 5B

W74-12923

W74-09736

CLEMENTS, M. S.

Study of the Structure of Molecular Complexes. VI. Dimers and Small Clusters of Water

Molecules in the Hartree-Fock Approximation,

Some Lessons From Model and Full-Scale

Tests in Rectangular Sedimentation Tanks,

CLINE, D. R.

W74-12635

7-24 1A

7-18 5D

Availability of Ground Water in the Federal Availability of Ground Washington, Way Area, King County, Washington, 7-11 4B

A Groundwater Investigation of the Lummi In-

dian Reservation, Washington,

7-23 4B

Inland Fishery,

W74-13476

CLAUS, P.

Note on Possibilities for the Development of an

Model Studies on Reactions Occurring in Ox-

dations of Lignin with Molecular Oxygen in Alkaline Media,
W74-08359 7-16 5B

Ecological Efficiency of a Pelagic Mysid Shrimp: Estimates from Growth, Energy Budget, and Mortality Studies,

7-23 5C

W74-12561

armin i b	CLYDE, C. G.	COBURN, J. A.
CLINE, J. D. Nitrogen/Argon Ratios by Difference Therma		Determination of Pentachlorophenol in Natural
Conductivity,	Agricultural Water Transfers in Utah: A	and Waste Waters,
W74-01522 7-03 5A		W74-07385 7-14 5A
	W74-05385 7-10 4A	COCHRANA
CLINE, J. F.	Municipal Water PlanningMixed Integer Ap-	COCHRAN, A. A. Recovery of Phosphates and Metals from
Terrestrial Ecology,		Phosphate Sludge by Solvent Extraction,
W74-09239 7-17 50	W74-02223 7-05 3D	W74-08590 7-16 5D
CLINE, W. R.		
Cost-Benefit Analysis of Irrigation Projects in	Optimal Allocation of Water Resources in	COCHRAN, G. F.
Northeastern Brazil,	Utah, W74-02117 7-04 4A	Arid Urban Water Management: Some Economic, Institutional and Physical Aspects,
W74-04565 7-09 31	W/4-0211/	W74-01662 7-04 6B
CLINEBELL, P.	COATE, L. E.	
Corrosion Control Speeds Up,	Regional Environmental Management and the	COCHRAN, M. I.
W74-05090 7-10 80	Decision Making Process, W74-12466 7-23 6G	Analysis of Natural Systems,
	W /4-12400 /-23 0G	W74-09234 7-17 5C
CLINGAM, T. A. JR.	COATES, R. A.	COCHRAN, R. A.
Alternatives to the Current U.S. Position of	Telemetered Profiling Isotopic Snow Gauge:	An Oil Recovery System Utilizing Polyu-
Fisheries, W74-05653 7-11 61	Final Report and Specifications,	rethane FoamA Feasibility Study,
W74-05653 7-11 6]	W74-09757 7-18 2C	W74-07341 7-14 5G
CLINGAN, T. A. JR.	COATS, K. H.	COCHRAN, V. L.
Law Affecting the Quality of the Marine En	Dead End Pore Volume and Dispersion in	Effectiveness of Two Nitrification Inhibitors
vironment,	Porous Media,	for Anhydrous Ammonia Under Irrigated and
W74-07282 7-14 50		Dryland Conditions,
CLINGENPEEL, W. H.	COPP P T III	W74-07436 7-14 5G
Maintenance Management Systems for Mu	COBB, B. F. III	Soil Mulch Effects on Seedhed Temperature
nicipal Wastewater Facilities.	 Chemical Characteristics, Bacterial Counts, and Potential Shelf-Life of Shrimp from Vari- 	Soil Mulch Effects on Seedbed Temperature and Water During Fallow in Eastern Washing-
W74-06579 7-13 51		ton.
	Mexico,	W74-10333 7-19 3F
CLINGER, R. C.	W74-02955 7-06 5A	
Chemical Addition to Trickling Filter Plants,		COCHRANE, W. P.
W74-09710 7-18 51		Chemical Confirmation of BHC Isomers: Com- parison of Alkaline Reactions in Solution and
CLÎNKENBEARD, H. E.	Two Tests for the Cluster Well Concept, W74-09549 7-18 8A	by Gas Chromatographic Pre-Column,
Integrating Natural Resources into Areawid		W74-05494 7-11 5A
and Local Planning: The Southeastern Wiscon		711 311
sin Experience,	A General Pressure Buildup Theory for a Well	COCKBURN, R. T.
W74-03965 7-08 6		Planning and Wastewater Management of a
ottomps up n	W74-04144 7-08 8B	Combined Sewer System in San Francisco, W74-10413 7-20 5D
CLISTER, W. E. Hydrogeologic Studies at a Subsurfac	COBET, A. B.	W /4-10413 /-20 3D
Radioactive-Waste-Management Site in Wes	Consideration in Application of Missessess	COCKERHAM, P. W.
Central Canada,	isms to the Environment for Degradation of	Stochastic Analysis of Orthokinetic Floccula-
W74-03239 7-07 5	Petroleum Products,	tion,
	W74-08618 7-16 5B	W74-09719 7-18 5D
CLOETE, J. G.	Fate of Petroleum Hydrocarbons In Beach	COCKROFT, B.
Drought and Supplementary Feeding of Shee	Sand.	Pattern of New Root Production in Peach Trees
in the Karoo, W74-04834 7-09 3	W74.02473 7.05 SB	under Irrigation,
T 14-04034 7-09 3		W74-02124 7-04 3F
CLOUD, P. E. JR.	Hydrocarbons of Suspected Pollutant Origin in	COCKE 1 4
Beach Cusps: Response to Plateau's Rule,	Aquatic Organisms of San Francisco Bay: Methods and Preliminary Results,	COCKS, J. A. The Effect of Aldrin on Water Balance in the
W74-03460 7-07	W74-08630 7-16 5B	Freshwater Pulmonate Gastropod
	W 74-00050	(Biomphalaria glabrata),
CLOUET, Y.	COBETT, W. G.	W74-01525 7-03 50
Infiltration and Leaching of a Located Traction an Unsaturated Soil: Effect of Initi	Effects of Raw Materials and Chemical Addi-	
Moisture Content, (in French),	tives on Min Ethident Losses,	COCOROS, G.
W74-01752 7-04 2	G W74-12416 7-23 5D	Mercury Concentrations in Fish, Plankton, and Water from Three Western Atlantic Estuaries.
	COBIAN, K. E.	W74-11715 7-22 SA
CLOUGH, R. L. JR.	Fabrication and Testing of Tubular Reverse Os-	
Agitating and Aerating Apparatus,	mosis Modules Containing Ultrathin Mem-	COE, M. W.
W74-07221 7-14 5	branes for wet bry Cycling Operations,	A Preliminary Description of the Physico
CLOUTMAN, D. G.	W74-00313 7-01 5F	Chemical Characteristics and Biota of Three
Limnological, Ichthyological, and Parasitolog	i- COBLE, A. J.	Strip Mine Lakes, Spencer County, Indiana, W74-07403 7-14 5F
cal Investigations on Arkansas Reservoirs		7-14 35
Relation to Water Quality,	sion Paper,	COE, W. B.
W74-13167 7-24 2	H W74-06799 7-13 5B	Processing Animal Waste by Anaerobic Fer
CLUTTER, R. I.	CORIE D W	mentation,
CHUI I DR; R: I:	COBLE, D. W.	W74-10153 7-19 5D

Influence of Appearance of Prey and Satiation of Predator on Food Selection by Northern

Pike (Essox lucius),

W74-06102

COELEN, S. P. AND

7-12 8I

Land Value Increments as a Measure of the

Net Benefits of Urban Water Supply Projects

COELEN, S. P. AND

in Developing Countries: Theory and Measure-	COINER, J. C.	COLE, S. L.
ment, W74-04502 7-09 6B	Identification of Winter Wheat from ERTS-1	Effect of Phenol on Oxygen Uptake Rate of a
W74-04502 7-09 6B	Imagery, W74-01665 7-04 3F	Laboratory Population of Chironomus at- tenuatus (Walk.),
COEY, J. M. D.	7-04 31	W74-03872 7-08 5C
Characterisation and Magnetic Properties of	COKER, A. E.	7-00 30
Natural Ferric Gel,	Detection of Turbidity Dynamics in Tampa	COLE, W. JR.
W74-05992 7-12 2K	Bay, Florida Using Multispectral Imagery from	Method for Treating Sewage,
COFFEE JR, H. C.	ERTS-1,	W74-03012 7-06 5D
Planning and Wastewater Management of a	W74-06711 7-13 2L	
Combined Sewer System in San Francisco,	COKER, R. J.	COLEMAN, B. W.
W74-10413 7-20 5D	Potential of Westland's Morainic Soils for	Antagonistic Effect of Arginine on Zinc
	Forest Management,	Metabolism in Chicks,
COFFEY, J. P.	W74-07594 7-14 4A	W74-07955 7-15 5C
Self Cleaning, Tubular Solar Still,		COLEMAN, D. C.
W74-07207 7-14 3A	COLARUOTOLO, J. F.	Structure and Function of Hardwood Litter and
COFFIN. D. L.	A Universal Ion-Selective Electrode Based on	Soil Subsystems After Chronic Gamma Irradia-
Appraisal of the Quality of Ground Water in	Graphite Paste,	tion, I. Mesofauna, Nitrogen, and Total Soil
the Helena Valley, Montana,	W74-06758 7-13 2K	Respiration,
W74-06269 7-12 2F	COLBECK, S. C.	W74-07824 7-15 5C
	Effects of Stratigraphic Layers on Water Flow	
COFFMAN, L. M.	Through Snow,	Structure and Function of Hardwood Litter and
Effects of Gamma Radiation on Aqueous Solu-	W74-04572 7-09 2C	Soil Subsystems After Chronic Gamma Irradia-
tions of Phenols, W74-13274 7-24 5D		tion. II. Microfungi,
W/4-132/4 /-24 3D	Isua, Greenland: Calculations of Glacier Flow	W74-07825 7-15 5C
COGGINS, G. C.	for an Open-Pit Mine,	
Regulation of Air and Water Quality in Kansas:	W74-00818 7-02 2C	COLEMAN, E.
A Critical Look at Legislative Ambiguity and	Isua, Greenland: Glaciological Investigations	Trace Organic Contaminants in Drinking
Administrative Discretion,	During 1973,	Water; Their Concentration by Reverse Osmo-
W74-10001 7-19 5G	W74-07910 7-15 2C	sis,
	W/4-0/910 /-13 2C	W74-10982 7-21 5F
COGLEY, A. C.	Theory of Metamorphism of Wet Snow,	COLEMAN, E. A.
Large-Scale Mass Balance for Lead in	W74-05154 7-10 2C	Characteristics of Wastes from Southwest Beef
Southern Lake Michigan, W74-08836 7-17 5B		Cattle Feedlots.
W74-08836 7-17 5B	Water Flow Through Snow Overlying an Im-	W74-09694 7-18 5D
COHAN, H. J.	permeable Boundary,	W 74-03034 7-16 3D
How Engineering Research is Reduced to Prac-	W74-04803 7-09 2C	COLEMAN, H. J.
tice in the Bureau of Reclamation,	COLBY, P. J.	Compositional Studies of a High-Boiling 370-
W74-00200 7-01 10A	Effects of Temperature on Embryonic	535 C Distillate from Prudhoe Bay, Alaska,
	Development of Lake Herring (Coregonus ar-	Crude Oil,
COHEN, I. M.	tedii),	W74-00258 7-01 5A
Hypolimnetic Flow Regimes in Lakes and Im-	W74-02878 7-06 5C	
poundments,		COLEMAN, J. M.
W74-11578 7-22 8B	COLE, C. A.	Recent Coastal Sedimentation: Central Loui-
COHEN, L. K.	Hydrogen Peroxide Cures Filamentous Growth	siana Coast,
Environmental Tritium Studies at a PWR	in Activated Sludge,	W74-03345 7-07 2L
Power Plant,	W74-07253 7-14 5D	COLEMAN N T
W74-02022 7-04 5B	COLE, C. F.	COLEMAN, N. T. Anion Adsorption by Allophanic Tropical Soils:
	Effects of Egg Concentrations of DDT and	
COHN, M.	Dieldrin on Development in Winter Flounder	I. Chloride Adsorption, W74-07634 7-15 2G
The Swirl Concentrator as a Grit Separator	(Pseudopleuronectes Americanus),	W /4-0/034 /-13 2G
Device, W74-10201 7-19 5D	W74-06091 7-12 5C	Anion Adsorption by Allophanic Tropical Soils:
W 74-10201 7-19 3D		II. Sulfate Adsorption,
COHN, M. M. AND	COLE, E.	W74-07635 7-15 2G
Survey of Facilities Using Land Application of	Dam Collapse Wave in a River,	
Wastewater,	W74-08060 7-15 2E	Anion Adsorption by Allophanic Tropical Soils:
W74-04677 7-09 5D	COLE, E. L.	III. Phosphate Adsorption,
	Apparatus for Removing Oil from Water,	W74-07636 7-15 2G
COHN, S.	W74-09178 7-17 5G	
Promoting Environmental Quality Through	17-17-10	COLEMAN, R. L.
Urban Planning and Controls, W74-01470 7-03 5D	COLE, F. D.	Cadmium Toxicity and Biocentration in Lar-
W/4-014/0	Relationship of Transpiration to Atmospheric	gemouth Bass and Bluegill,
Promoting Environmental Quality Through	Vapor Pressure,	W74-09492 7-18 5C
Urban Planning and Controls,	W74-00759 7-02 2D	Silver Toxicity and Accumulation in Lar-
W74-08828 7-17 5G	COLE H IB	gemouth Bass and Bluegill,
CONON 1.1	COLE, H. JR.	W74-12270 7-23 5C
COHON, J. L.	Element Constitution of Selected Aquatic Vascular Plants from Pennsylvania: Submersed	7-23 3C
Multiobjective Analysis in Water Resource	and Floating Leaved Species and Rooted Emer-	COLEMAN, V. B.
Planning, W74-08514 7-16 4A	and Floating Leaved Species and Rooted Emer- gent Species.	Evaluation of Remote Sensing in Control of
W74-08514 7-16 4A	W74-01526 7-03 5A	Pink Bollworm in Cotton,
COILLETT, D.	1-03 3A	W74-01679 7-04 3F
A Systems Approach to Problem Oriented	COLE, R. A.	
Research Planning: A Case Study of Food	Stream Community Response to Nutrient En-	Semi-Automatic Crop Inventory from Sequen-
Production Wastes,	richment,	tial ERTS-1 Imagery,
W74-11040 7-21 5G	W74-01499 7-03 5C	W74-01666 7-04 3F

7-07 5A

COLES, S. L. Effects of Heated Effluent on Hermatypic	COLLINS, H. F. Effects of Sewage Disposal and Reclamation	COLQUHOUN, D. J. Santee Submergence, Example of Cyclic Sub-
Corals at Kahe Point, Oahu, W74-11303 7-21 5C	on Ground Water Quality, W74-06948 7-13 5D	merged and Emerged Sequences, W74-07247 7-14 2L
	COLLING II C	Scouring of Buried Pleistocene Barrier Com-
COLEY, R. W.	COLLINS, H. G. Furrow Irrigation Criteria for Hawaiian Sugar-	plexes as a Source of Channel Sand in Tidal
Flow Characteristics of the Outlet Channels of	cane,	Creeks, North Island Quadrangle, South
Lake Winnipeg for Natural and Regulated Con- ditions.	W74-08932 7-17 3F	Carolina,
W74-12091 7-23 8B		W74-01960 7-04 2J
	COLLINS, H. L. Levels of Mirex and Some Other Or-	COLSON, B. E. AND
COLGATE, D.	ganochlorine Residues in Seafood from Atlan-	Hydraulic Performance of BridgesExcava-
Hydraulic Model Studies of the Low-Level Outlet Works, LG-2 Development, Quebec,	tic and Gulf Coastal States,	tions at Bridges,
Canada,	W74-13315 7-24 5A	W74-04482 7-09 8B
W74-10636 7-20 8B	COLLINS, J. A.	COLSTON, N. V.
	Loss of Mercury from Water During Storage,	Wastewater Characterization of Sweet Potato
COLLAZO, J. Human Factors Involved in the Development	W74-04048 7-08 5A	Processing,
of a Watershed in Yabucoa.		W74-01324 7-03 5A
W74-03325 7-07 6B	COLLINS, J. C. Phosphates and the Environment,	COLTON, C. AND
	W74-04107 7-08 5C	Social, Economic, Environmental, and Techni-
COLLIER, A.		cal Factors Influencing Water Reuse,
Responses of Gymnodinium Breve Davis to Natural Waters of Diverse Origin,	COLLINS, J. I.	W74-04317 7-09 5D
W74-08731 7-17 5C	The Effect of Currents on the Mass Transport of Progressive Water Waves,	COLTON, C. W.
7-17 50	W74-03455 7-07 2L	Modeling the Total Hydrologic-Sociologic Flow
COLLIER, G. F.		System of Urban Areas,
Spectrophotometric Estimation of Arsenic in	Probabilities of Wave Characteristics in the	W74-10351 7-20 4C
Nitric Acid Extracts of Soil and Soil Additives,	Surf Zone,	COLUMBUS, N.
W74-04769 7-09 5A	W74-00018 7-01 2H	Dan Region, Israel, Sewage-Reclamation and
COLLIER, R. S.	COLLINS, J. L.	Recharge Project,
Effects of Copper and Cadmium on Osmoregu-	Investigation of Seiche Activity in West Coast	W74-03359 7-07 5D
lation and Oxygen Consumption in Two Spe-	Harbors,	COLVERT, L. R.
cies of Estuarine Crabs, W74-11491 7-22 SC	W74-04744 7-09 2L	Fine Structure Measurement of Temperature
W74-11491 7-22 5C	COLLINS, M. A.	and Moisture Over the Monterey Bay,
Physiological Response of the Mud Crab, Eu-	Industrial Application of Whitford's Demand	W74-04222 7-08 2L
rypanopeus Depressus to Cadmium,	Forecasting Procedure,	COLVIN, B. M.
W74-06126 7-12 5C	W74-08015 7-15 6D	Gas-Liquid Chromatographic Determination of
COLLINGE, V. K.	COLLINS, S. H.	Chlorpyriphos in Dursban Insecticide Formula-
Systems and Techniques for Resource	Studies in the Lake Ontario Basin Using ERTS-	tions,
Planning,	1 and High Altitude Data,	W74-01405 7-03 5A
W74-12114 7-23 6A	W74-02599 7-05 7B	COLVOCORESSES, A. P.
COLLINGS, M. R.	COLLINS, W. J.	Progress in Cartography, Eros Program,
Generalization of Spawning and Rearing	The Susceptibility of Selected Insecticides and	W74-06621 7-13 7C
Discharges for Several Pacific Salmon Species	Acetylcholinesterase Activity in a Laboratory	Unique Characteristics of ERTS,
in Western Washington,	Colony of Midge Larvae, Chironomus Tentans (Diptera:Chironimidae),	W74-06689 7-13 7B
W74-08370 7-16 21	W74-12276 7-23 5C	COLWELL, R. N.
The Hydrology of Ten Streams in Western		ERTS-1 Imagery and High Flight Photographs
Washington as Related to the Propagation of	COLLINSWORTH, D. W.	as Aids to Fire Hazard Appraisal at the NASA
Several Pacific Salmon Species,	An Annotated Bibliography for Economic Evaluations of the Aquaculture of Selected	San Pablo Reservoir Test Site,
W74-02297 7-05 81	Crustaceans and Mollusks,	W74-01681 7-04 4A
Stream Temperatures in Washington State,	W74-09067 7-17 10C	COLWELL, R. R.
W74-06962 7-13 7C	COLLE P T H	Bacteria, Yeasts, Viruses and Related Microor-
	COLLIS, R. T. H. Lidar Evaluation of Fog Dissipation	ganisms of the Chesapeake Bay,
COLLINS, A. G.	Techniques,	W74-00893 7-02 2L
Saline Groundwaters Produced with Oil and	W74-01888 7-04 2B	Biodegradation of Phenylmercuric Acetate by
Gas, W74-10411 7-20 5A	COLMAN, B.	Mercury-Resistant Bacteria,
	Loss of Photosynthetic Activity in Two Blue-	W74-01555 7-03 5B
COLLINS, A. S.	Green Algae as a Result of Osmotic Stress,	Lipopolysaccharide and Proteins of the Cell
Control of Anaerobic Digestion Process,	W74-01302 7-03 5B	Envelope of Vibrio Marinus, A Marine Bacteri-
W74-10609 7-20 5D	COLON P P	um,
COLLINS, B. I.	COLON, E. F. Estuaries, Bays and Coastal Currents Around	W74-06028 7-12 5A
The Concentration Control of Soluble Copper	Puerto Rico,	Microbial Ecology and the Problem of Petrole-
in a Mine Tailings Stream,	W74-00832 7-02 7C	um Degradation in Chesapeake Bay,
W74-11361 7-21 5B	COLONELL I M	W74-08628 7-16 5B
COLLINS, G. B.	COLONELL, J. M. Laboratory Experiments to Determine the	COLWICK, A. B.
An Aerophilous Diatom Community from	Structural Response of a Vertical Pile Sub-	Severe Floods at New Braunfels, Texas, May
Hocking County, Ohio,	jected to Wind-Generated Water Waves,	1972,
W74-03318 7-07 5A	W74-04424 7-09 8B	W74-02173 7-05 2E

COLWICK, R. F.

COLWICK, R. F. Computer Simulation of Crop Production -	CONNELL, D. W. A Kerosene-Like Taint in the Sea Mullet,	CONVERSE, A. O. Design and Cost Allocation Algorithm for
Potential and Hazards, W74-08331 7-16 3F	Mugil Cephalus (Linnaeus) I. Composition and Environmental Occurrence of the Tainting Sub-	Waste Treatment Systems, W74-04116 7-08 5D
A Simulated Environmental Model of Tempera-	stance, W74-11312 7-21 5C	CONVERSE, J. C.
ture, Evaporation, Rainfall, and Soil Moisture,	W/4-11512	Solid Manure Handling for Dairy Cattle,
W74-06591 7-13 3F	CONNELL, M. U. The Biology of Brown Algae on the Atlantic	W74-10305 7-19 5D
COLYER, D.	Coast of Virginia. II. Petalonia Fascia and	CONVERSE, J. D.
Potential Citizen Initiated Legal Action Against Agricultural Pollution,	Scytosiphon Lomentaria, W74-03309 7-07 5A	Managing Barnyard Runoff for Dairy Cattle, W74-10306 7-19 5D
W74-09671 7-18 5G	CONNER, J. R.	W 74-10300 7-19 3D
COMPS I B	Components of Outdoor Recreational Values:	CONWAY, J. B.
COMBS, J. B. Feasibility Study for Development of Hot- Water Geothermal Systems.	Kissimmee River Basin, Florida, W74-02113 7-04 6B	The Distribution, Composition and Biomass of the Crustacean Zooplankton Population in
W74-13213 7-24 4B	Water Allocation Models Based on an Analysis	Western Lake Superior, W74-01109 7-03 5C
COMMONER, B.	for the Kissimmee River Basin,	
Do Nuclear Plants Make Deadly Neighbors,	W74-05402 7-11 6B	CONWAY, R. A.
W74-09123 7-17 5G	CONNOR, L. J.	Activated Carbon Adsorption of Petrochemi-
The Environmental Cost of Economic Growth,	Implications of State Environmental Legisla- tion on Livestock Waste Management,	cals, W74-11086 7-21 5D
W74-04088 7-08 5G	W74-09670 7-18 5G	CONWAY, R. W.
COMPENS S V		Apparatus for Aerating Water,
COMPERE, E. L. Distribution and Release of Tritium in High-	Potential Economic Impacts of State Pollution Controls on Dairy Farms,	W74-08023 7-15 5D
Temperature Gas-Cooled Reactors as a Func-	W74-10300 7-19 5D	COOK, C. C.
tion of Design, Operational, and Material	CONNOBE K A	Process of Removing Water from Slimes,
Parameters, W74-09838 7-19 5B	CONNORS, K. A. Use of Multiple R Sub F Values for Identifica-	W74-03007 7-06 5G
	tion by Paper and Thin-Layer Chromatography,	
COMPS, M. A Parasitic Sporozoan of Crassostrea	W74-05307 7-10 5A	COOK, D. O. Rapid Coastal Bottom Water Temperature
rhizophorae (Guilding), (In French),	CONRAD, J. R.	Rises.
W74-06253 7-12 5C	Wastewater Treatment: Anaerobic Processes, W74-12937 7-24 5D	W74-11901 7-22 2L
COMPTON, E. H.	COURTE TO	COOK, G. H.
Separation of Water From Biological and En- vironmental Samples for Tritium Analysis,	CONRAD, J. S. Concrete Gravity Dams,	Residues in Fish, Wildlife, and Estuaries, W74-13317 7-24 5C
W74-00053 7-01 5A	W74-01066 7-02 8A	
CONDIT, R. J.	CONROD, A. C. Digital Data Processing of ERTS-1 Imagery of	COOK, K. R. Broad Spectrum Microwave Systems for
Phosphorus and Algal Growth in the Spokane	Delaware Bay,	Remotely Measuring Soil Moisture Content,
River, W74-02143 7-04 5C	W74-06703 7-13 2L	W74-07052 7-14 2G
	CONRY, T. J.	COOK, L. E.
CONE, B. W.	Intercomparison of Several Types of Cascade	Separation of Monosubstituted Phenol Isomers
Economic Feasibility of an Integrated Cotton- wood Plantation Utilizing a Nuclear Power	Impactors,	Using Liquid Crystals,
Reactor,	W74-11008 7-21 5A	W74-05447 7-11 5A
W74-00771 7-02 3C	CONSELMAN, F. B.	COOK, P. J.
	Underground Storage of Texas Playa Lake	Supratidal Environment and Geochemistry of
CONESCU, A. Contributions to the Knowledge of Tissa Plain	Waters by Injection Into the Ogallala Forma- tion Under Moderate Pump Pressure,	Some Recent Dolomite Concretions, Broad Sound, Queensland, Australia,
Pseudogley Soils, (In Rumanian),	W74-01627 7-03 4B	W74-04069 7-08 2L
W74-12282 7-23 2G	CONTI, S. F.	
CONGER, C. S.	Occurrence of Phosphonosphingolipids in Bdel-	COOK, T. E.
STORET-The EPA Water Quality Data System,	lovibrio Bacteriovorus Strain UKi2, W74-06097 7-12 5A	Design and Evaluation of a Vidicon Scanning Spectrometer for Molecular Absorption and
W74-12108 7-23 6A		Atomic Emission Spectrometry,
CONCER N. I	CONTILIANO, R. The Development and Preliminary Application	W74-11394 7-21 5A
CONGER, N. L. Choosing a Static Inverter System,	of an Invariant Coupled Diffusion and Chemis-	COOK, W. H.
W74-01547 7-03 7B	try Model,	The Effect of Pulp and Paper Mill Effluents on
CONLEY, W. H.	W74-01095 7-02 5A	Taste and Odour of the Receiving Water and the Fish Therein,
Part I - A Conceptual Model for a Terrestrial	CONTINI, P.	W74-03085 7-06 5B
Ecosystem Perturbed with Sewage Effluent, with Special Reference to the Michigan State	Methods to Expedite Environment Protection: International Ecostandards,	COOK, W. L.
University Water Quality Management Project;	W74-13229 7-24 5G	Degradation of Crude Oil by Yeasts and its Ef-
Part II - A Personalized Bibliographi c	CONTRACTOR, D. N.	fects on Lesbistes reticulatus,
Retrieval Package for Resource Scientists, W74-07606 7-15 5D	Application of the Implicit Method to Surges in Open Channels,	W74-08639 7-16 5C
	W74-02767 7-06 2E	COOKE, G. D.
CONNAUGHTON, C. A.		Some Aspects of Phosphorus Dynamics of the
Forest Fires Damage More Than Trees,	Reverse Flow Routing by the Implicit Method,	Twin Lakes Watershed,
W74-09126 7-17 4C	W74-09886 7-19 2E	W74-06565 7-13 5C

		· ·
COOKE, T. J. Communications for Urban Water Resources	COONEY, T. D. Effects of Antibodies on Survival of Carangid	COPELAND, R. A. Determination of Mercury by Non-Destructive
ManagementA Review and Annotated Bibliography,	Fish Larvae (Caranx Mate), Reared in the Laboratory,	Neutron Activation Analysis, W74-06789 7-13 5A
W74-09251 7-18 6B	W74-13079 7-24 5C	Mercury in the Lake Michigan Environment,
COOKE, W. L.	COOPER, E. E.	W74-06779 7-13 5B
Some Methods of Dealing With Low Enthalpy	Analysis of a Dual Mode Desalination System	COPELAND, T. R.
Water in the Rotorua Area of New Zealand,	for Naval Bases,	Analytical Applications of Pulsed Voltammetric
W74-09043 7-17 4B	W74-10404 7-20 3A	Stripping at Thin Film Mercury Electrodes,
COOKSON, J. T. JR.	COOPER, E. R.	W74-01514 7-03 5A
Mechanism of Organic Adsorption on Ac-	Indiana 1950-1970: Life Tables for the 14	COPENHAVER, E. D.
tivated Carbon,	Economic Regions and Analysis with Measures	NSF-RANN Trace Contaminants Directory,
W74-00565 7-02 5D	of Medical Care, W74-05952 7-12 6B	1973, W74-11961 7-22 5A
COOLEY, A. M.		W /4-11901
Preliminary Study to Investigate Feasibility of	COOPER, G. P.	Toxic Materials Information Center,
Desalting Ground Water in North Dakota,	Presynaptic and Postsynaptic Effects of Lead at the Frog Neuromuscular Junction,	W74-12035 7-23 10D
W74-08066 7-15 3A	W74-12494 7-23 5C	Toxic Materials Information Center Environ-
COOLEY, B. B.	COOPER I	mental Information Systems Office, W74-12920 7-24 5A
Tracers in Mud Improve DST, Wireline Test	COOPER, J. A. Isotopic and Elemental Geochemistry of Black	W74-12920 7-24 5A
Accuracy,	Sea Sediments,	COPPAGE, D. L.
W74-07856 7-15 8G	W74-12392 7-23 2J	Short-Term Effects of Organophosphate Pesti-
COOLEY, K. R.	COOPER, K. B.	cides on Cholinesterases of Estuarine Fishes and Pink Shrimp.
Lower Cost Water Harvesting Methods,	Regional Wastewater Management Systems for	W74-11486 7-22 5C
W74-03952 7-08 3B	the Chicago Metropolitan Area,	COPPER, W. J.
COOLEY, M. E.	W74-10778 7-20 5D	Evaluation of Existing Field Test Kits for
Application of ERTS-1 Multispectral Imagery	COOPER, P.	Determining Free Chlorine Residuals in Aque-
to Monitoring the Present Episode of Ac-	Turbulent Fluid Friction of Rotating Disks,	ous Solutions,
celerated Erosion in Southern Arizona,	W74-01640 7-03 8C	W74-06162 7-12 5A
W74-01696 7-04 2J	COOPER, R. C.	COQUEIRO, E. P.
Assessment of Flood Damage in Arizona by	Anaerobic - Aerobic Ponds For Beet Sugar	Plant Population with Irrigated Wheat, (In Por- tuguese).
Means of ERTS-1 Imagery,	Waste Treatment,	W74-11111 7-21 2G
W74-02592 7-05 7B	W74-10542 7-20 5D	
COOLEY, R.	COOPER, R. L.	CORBETT, M. K. Viruses of Aquatic Plants of the Chesapeake
Wax-Treated Soils for Harvesting Water,	The Determination of Phenols in Aqueous Ef-	Bay,
W74-06457 7-12 3B	fluents,	W74-00900 7-02 2L
COOLEY, R. L.	W74-02417 7-05 5A	CORDARO, M. C.
Hydrologic Engineering Methods for Water	COOPER, W. E.	A Methodology for Power Plant Site Selection
Resources Development: Volume 10. Principles	Ecological Concepts and Applications to	at the Reconnaissance Level,
of Ground-Water Hydrology,	Planning, W74-09418 7-18 6B	W74-10602 7-20 6G
W74-11232 7-21 8B	W/4-03416 /-16 0B	CORDASCO, V. T.
COON, M. D.	COOTE, D. R.	Preliminary Studies of the Shock Tube as an
Modeling the Pack Ice as an Elastic-Plastic	A Conveniently Constructed Divisor for Splitting Low Water Flows,	Excitation Source for the Analysis of Selected Trace Metals in Aqueous Media,
Material,	W74-03522 7-07 7B	W74-11913 7-22 5A
W74-09941 7-19 2C		CORDEIRO C P
COONEY, C. L.	COOTNER, P. H. Supply Curve for Thermal Efficiency,	CORDEIRO, C. F. Rates of Carbon, Oxygen, Nitrogen, and
Isolation and Characterization of a Ther-	W74-08509 7-16 6A	Phosphorus Cycling Through Microbial Popula-
motolerant Methanol-Utilizing Yeast, W74-04907 7-10 5A		tions in Stratified Lakes,
W 14-04501 1-10 3A	COPE, J.	W74-06569 7-13 5C
COONEY, J. J.	Printout Colorimeter for Autoanalysis of Water Pollution,	CORDELL, H. K.
Hydrocarbon Utilization by Cladosporium	W74-02374 7-05 5A	Capacity of Water-Based Recreation Systems Part I: The State of the Art - A Literature
resinae, W74-08613 7-16 5B	CORELAND B I	Review.
1-16 JB	COPELAND, B. J. Policy For Location of Power Plants in Coastal	W74-07719 7-15 6B
Oxidation of n-Alkanes by Cladosporium	Areas,	Capacity of Water-Based Recreation Systems
resinae,	W74-11145 7-21 6G	PART II: A Systems Approach to Capacity
W74-06763 7-13 5C	COPELAND, C. W.	Analysis,
COONEY, M. K.	Sinkhole Problem Along Proposed Route of In-	W74-12364 7-23 6B
Relative Efficiency of Cell Cultures for Detec-	terstate Highway 459, Near Greenwood,	COREY, G. L.
tion of Viruses, W74-04767 7-09 5A	Alabama, W74-05857 7-11 2F	Relationship of Pumping Lift to Economic Use
1-09 3A	W74-05857 7-11 2F	of Groundwater for Irrigation, W74-01120 7-03 4B
COONEY, R. T.	COPELAND, G. E.	
A Review of the Biological Oceanography of the Northeast Pacific Ocean,	Remote Detection of Aerosol Pollution by ERTS,	COREY, J. B. Computer Use in US Water Authority,
W74-06429 7-12 2L	W74-02575 7-05 7B	W74-12120 7-23 5F

COREY, J. C.	CORTESI, N.	COTTON, J. B. JR.
Direct Measurement of Water Movement in the	Observations of the Organic Components of	Temperature Trends and the Distribution of
Zone of Aeration,	Thermal Muds: III. The Lipid Fractions of the	Groundfish in Continental Shelf Waters, Nova
W74-08256 7-16 2G	Lacco Ameno (Ischia) Peloids, (In Italian),	Scotia to Long Island,
C. L T	W74-12739 7-23 2J	W74-02867 7-06 5C
Solute Transport in Aggregated Soils: Tracer	CORTL B	COTTON, P.
Zone Shape in Relation to Pore-Velocity Dis-	CORTI, P.	Automation of the Control and Operation of
tribution and Adsorption,	Voltammetric Behaviour of Copper(III) and Its Analytical Applications,	Water Pollution Control Works.
W74-12855 7-24 5B	W74-04870 7-10 5A	W74-07758 7-15 5D
CORLEY, J. P.	W/4-046/0 /-10 3A	11707750
Environmental Monitoring at the Pacific	CORWIN, N.	COTTRELL, W. B.
Northwest Laboratory by Battelle-Northwest,	Inorganic Nitrogen Removal in a Combined	A Survey of the Biological-Science-Related In-
W74-11956 7-22 5B	Tertiary Treatment-Marine Aquaculture	formation Centers Listed in the Sequip Report,
174-11750 7-22 SB	SystemI. Removal Efficiencies,	W74-03041 7-06 10D
Environmental Surveillance at Hanford for CY-	W74-10462 7-20 5D	
1970.	W/4-10402	COUCH, R. W.
W74-04192 7-08 5B	CORY, R. L.	Response of Aquatic Weeds to Laser Radia-
	Changes in Oxygen and Primary Production of	tion,
Environmental Surveillance at Hanford for CY-	the Patuxent Estuary, Maryland, 1963 Through	W74-07475 7-14 5G
1973,	1969,	COUCHENOWER D. D.
W74-12044 7-23 5B	W74-09624 7-18 5B	COUGHENOWER, D. D.
		An Automated Analysis for Urea in Seawater,
Environmental Surveillance for Fuel Fabrica-	COSENS, K. W.	W74-02421 7-05 5A
tion Plants,	Columbus Replaces Historic Water Treatment	COUGHLIN, R. E. AND
W74-04451 7-09 5B	Plant,	Estimating the Benefits of Stream Valley and
Radiological Evaluations for Advanced Waste	W74-10888 7-20 5D	Open Space Preservation Projects,
Management Studies,	COCCROUR P. I	W74-04500 7-09 6B
	COSGROVE, D. J.	11/4-04300
W74-05176 7-10 5B	Inositol Polyphosphates in Activated Sludge,	COULBOURN, W. C.
CORLEY, R. K.	W74-05467 7-11 5B	ERTS-1 Virgin Islands Experiment 589Deter-
Floodflows from Small Drainage Areas in	COSSMAN, V.	mine Boundaries of ERTS and Aircraft Data
Oklahoma: Progress Report and Data Compila-	Mineralogical Composition of Clays in Soil	within Which Useful Water Quality Informa-
tion,	Profiles of Israel: II. The Soils of the Desert	tion can be Obtained,
W74-08292 7-16 2E	Zone.	W74-09756 7-18 5A
7.10 22	W74-07100 7-14 2G	
CORLISS, J. B.	W/4-0/100 /-14 20	COULTER, J. R.
Coastal Sand Dunes of Guerrero Negro, Baja	COSTA, J. E.	A New Multiparameter Separator for Micro-
California, Mexico,	Response and Recovery of a Piedmont	scopic Particles and Biological Cells,
W74-02704 7-06 2L	Watershed from Tropical Storm Agnes, June	W74-03313 7-07 7B
	1972.	COURGIENE
CORNER, E. D. S.	W74-04805 7-09 2J	COURCHENE, J.
Qualitative Studies on the Metabolism of	177 23	Emphasizing Quality Control,
Napthalene in Maia Squinado (Herbst),	COSTANTINI, E.	W74-03636 7-07 5F
W74-11339 7-21 5C	The Environmental Impulse and its Competi-	COURTOIS, D.
	tors: Attitudes, Interests, and Institutions at	Microbiological Comparison Between a Few
CORNIA, R. L.	Lake Tahoe,	Aquatic Mediums, (In French),
Psychrometric Data Patterns and Prediction	W74-06843 7-13 6E	W74-08669 7-16 5C
Models,	COOPERING A C	
W74-02220 7-05 2B	COSTELLO, L. S.	COUSIN, S. B.
CORRILL, L. S.	Estimation of Imperviousness and Specific	Significant Techniques in the Processing and
	Curb Length for Forecasting Stormwater Quali-	Interpretation of ERTS-1 Data,
Toxic Materials Information Center,	ty and Quantity,	W74-06652 7-13 7C
W74-12035 7-23 10D	W74-07640 7-15 5B	
CORRIPIO, A. B.	Urban Water ResourcesSome Planning Fun-	COUSTEAU, J-Y.
Digital Control Algorithms. Part III. Tuning PI	damentals,	Rescuing the Oceans, The Need for Immediate
and PID Controllers,	W74-11645 7-22 6B	Action,
W74-06750 7-13 7C	7-22 6B	W74-05579 7-11 5C
7-13 /C	COSTON, A. P.	COUTANT, C. C.
CORSI, W. C.	ATS Amargosa Tracer Study - Program	Effect on Organisms of Entrainment in Cooling
Agroclimatic Areas for Wheat and Bioclimatic	Manual,	Water: Steps Toward Predictability,
Characteristics of its Cultivars in Uruguay, (In	W74-10638 7-20 5B	W74-02894 7-06 SC
Spanish),		
W74-02354 7-05 3F	COTHERN, C. R.	COUVER, J. E.
	Analysis of Trace Metal Particulates in At-	Physicochemical Processes for Water Quality
CORSON, F. L.	mospheric Samples Using X-Ray Fluorescence,	Control,
Process for the Reactivation of Powdered Car-	W74-07709 7-15 5A	W74-04546 7-09 5D
bon,		
W74-13336 7-24 5D	Determination of Trace Metal Pollutants in	COVENTRY, R. J.
CODTES DIVERA C	Water Resources and Stream Sediments,	Structure and Texture of a Gravelly Barrier
CORTES-RIVERA, G.	W74-12194 7-23 5A	Island in the Fitzroy Estuary, Western Aus-
Application of DDDP in Water Resources	COTTER D I	tralia, and the Role of Mangroves in the Shore
Planning,	COTTER, D. J. A Study of Water Used on Urban Landscapes.	Dynamics,
W74-06503 7-13 6A	W74-02459 7-05 6B	W74-03351 7-07 2L
Flood Control Project Planning by Mathemati-	7-U3 OB	COVER, R. E.
cal Programming: A Project-Expansion Ap-	COTTER, J. E.	Spinning Dropping Mercury Electrode-A Prac-

Best Effluent the Goal, 7-06 4A W74-08214 Spinning Dropping Mercury Electrode-A Practical Analytical Tool,
W74-00634 7-02 2K

7-16 5D

proach, W74-02674

COVERT, D. S.		COWLING, E. B.		Urban Water Supply Catchments:	
H2SO4/(NH4)2SO4 Aerosol: Opt	tical Detection	Influence of Various Initial Moi		trations of Resource Allocation	and Conflict
in St. Louis Region,		on Decay of Sitka Spruce and S		Regulation,	2.22 (D
W74-10965	7-21 5A	wood by Polyporus Versicolor in	the Soil-Block	W74-11684	7-22 6B
COVINGTON, W. W.		Test,	7 42 27	CRABBE, R.	
Altitudinal Variation of Chloroph	vll Concentra-	W74-06487	7-12 2I	Computer Assisted Quantitative Sp	pectrographic
tion and Reflectance of the Ba		COWLISHAW, W. A.		Analysis,	
tremuloides,	in or repute	Municipal Wastewater Disposal	on the Land as	W74-12137	7-23 5A
W74-04977	7-10 2I	an Alternate of Ocean Outfall.			
		W74-12896	7-24 5D	CRADDOCK, J. M.	
COWAN, D.				Make Water Pollution Control	Meaningfu
Municipal Powers Under Fliri		COX, D. B.		Local Responsibility,	
Respect to Protection of Enviro	nmentally En-	Cadmium - A Trace Element	of Concern in	W74-11120	7-21 5A
dangered Riparian Land, W74-08534	7-16 6E	Mining and Manufacturing,		Muncie Indiana's 'Total' Local V	Water Quality
W 14-08334	7-10 OE	W74-11919	7-22 5B	Program,	
What are Powers of Local	Governmental	COX, D. C.		W74-02132	7-04 5E
Authorities Under Florida Law	to Dispose of	Currents Around the Hawaii	an Islands A		
Derelict and Abandoned Vessel	s Found in or	Study of Coastal Currents		CRAFT, T. F.	
Near Local Navigable Waters,		Sewage Disposal,	in Acopect to	Wastewater Sampling and Testing	Instrumenta
W74-08533	7-16 6E	W74-04925	7-10 5B	tion,	
Who Governs Local Waters,				W74-11754	7-22 5A
W74-05784	7-11 6E	Littoral Sedimentary Processe	s on Kauai, a	CRAGIN, J. H.	
117-03704	7-11 OL	Subtropical High Island,		Chemical Profile of the Ross Ice	Shelf at Little
COWAN, M. C. AND		W74-03102	7-06 2J	America V, Antarctica,	Julia de Line
Relations Between Soil Water	Potential and	CON C N		W74-06921	7-13 20
Disease in Wheat Seedlings Inf	fected by Puc-	COX, G. V. Environmental Analysis of Ocea	- Dumning		
cinia recondita,		W74-10977	7-21 5B	CRAIG, D. C.	
W74-04653	7-09 3F	W /4-109//	/-21 3B	A Preliminary Investigation of the	
COWAN B A		Industrial Waste Effluent Monit	oring.	ments Off the East Coast of Austr	
COWAN, P. A. Biological Response to Deterge	nt and Manda	W74-13422	7-24 5A	W74-02714	7-06 2
tergent Phosphorus in Sewage - I				CRAM. R.	
W74-04901	7-10 5C	COX, J. C.		Oceanographic Features in the	Les of th
1174-04701	7-10 50	Method for the Control of O	ils Floating on	Windward and Leeward Islands	
Biological Response to Deterge	nt and Nonde-	Water,		Ship Data,	. LRIS am
tergent Phosphorus in Sewage - I	Part II,	W74-11413	7-21 5G	W74-06674	7-13 21
W74-06873	7-13 5C	COV 1.1			, 15
Determined Non-Determined	Dhambana in	COX, J. L.	ton Effect on a	CRAM, S. P.	
Detergent and Non-Detergent	Phosphorus in	The Use of the Dilution Water Quality Criterion,	ici Elicci as a	Coupling of High Speed Plasma	
Sewage, W74-03606	7-07 5B	W74-08356	7-16 5A	raphy with Gas Chromatography,	
₩ /4-03000	7-07 3B	₩ /4-08330	7-10 JA	W74-00271	7-01 2I
COWEN, W. F.		COX, L. E.		High Precision Sampling for Chi	romatographi
Leaves as Source of Phosphorus	١,	Electron Spectroscopy (ESCA)	: Use for Trace	Separations,	omatograpm
W74-01407	7-03 5B	Analysis,		W74-02414	7-05 21
COWCHI II M		W74-12499	7-23 5A		
COWGILL, U. M. Biogeochemistry of the Rare-Ea	eth Flaments in	00* N 4		CRAM, W. J.	
Aquatic Macrophytes of Linsle		COX, N. A.	insting of the	The Action of Abscisic Acid on Ic	on Uptake an
Brandford, Connecticut,	y rona, morm	Identification and Character		Water Flow in Plant Roots,	
W74-12687	7-23 5A	Microflora and Spoilage Bacter		W74-02260	7-05 3
	, 25 5.1	Crayfish Procambarus Clarkii (6 W74-00620	7-02 5A	CRAMER C O	
The waters of Merom: A Study		W 74-00020	1-02 JA	CRAMER, C. O. Managing Barnyard Runoff for D	nim Cattle
III. The Major Chemical Const	tituents of a 54	COX, R. G.		W74-10306	7-19 5
M. Core,		Spillway Water-Surface Profile:	s,	W 74-10300	7-19 31
W74-10763	7-20 2H	W74-07913	7-15 8B	Solid Manure Handling for Dairy	Cattle.
COWLES, J. R.				W74-10305	7-19 51
Practical Fundamentals for Field	d Use of Instru-	COX, R. L.			
ments and Equipment,	o de or mana	Experimental and Mathematic		CRAMER, H. A.	
W74-10843	7-20 8G	Liquid-Liquid Miscible Displac	ement in Porous	Oxygen Analyzer,	
		Media,	2 At AT	W74-05909	7-11 5.
COWLEY, G. T.		W74-00366	7-01 2F	CRAMPTON, C. B.	
Structure and Function of Hard		COYAUD, D.		A Landscape Zonation for the	Southern an
Soil Subsystems After Chronic		Study Relating to the Use of a	Process Control	Central Mackenzie River Valley	
tion, I. Mesofauna, Nitrogen,	and lotal Son	Computer for a Water Trea		rain Permafrost Characteristics,	Dasca on 10
Respiration, W74-07824	7-15 5C	France,		W74-04266	7-08 2
W /4-0/024	7-13 3C	W74-12119	7-23 5F		
Structure and Function of Hard	wood Litter and			CRAMPTON, C. B. AND	-
Soil Subsystems After Chronic	Gamma Irradia-	COYNE, R. V.	1 0.	A Geoecological Terrain Analys	
tion. II. Microfungi,		Loss of Mercury from Water D		tinuously Frozen Ground in the U	Jpper Macket
W74-07825	7-15 5C	W74-04048	7-08 5A	zie River Valley, Canada,	7.00
COWLING D. W		CRABB, P.		W74-04354	7-09 2
COWLING, D. W. Plant-Available and Extractable	Sulfur in Some	Churchill FallsThe Costs an	d Benefits of a	CRAMPTON, L. M.	
Soils of England and Wales,	Janus III Joine	Hydro-Electric Development P		Thermolytic Sewage System,	
MIR. 0.000		1174 00663	2 10 (2	W74 03001	706 6

CRANE, J. D.

CRANE, J. D.	CRECELIUS, E. A.	CRISP, D. J.
In-Process Pollution Abatement: Upgrading Poultry-Processing Facilities to Reduce Pollu-	Particulate Lead Contamination Recorded in Sedimentary Cores From Lake Washington,	Studies of the Seasonal Variation of the Suspended Matter of the Menai Straits. II. Mid
tion, W74-03498 7-07 5D	Seattle, W74-09791 7-18 5B	Stream Data, W74-09741 7-18 5B
	1-16 JB	
CRANSTON, R. W. An Automatic Sample Loader for Column	CREEL, B. J.	CRISTEA, A.
Chromatography,	An Analytical Interdisciplinary Evaluation of	Contributions to The Study of Sterlet (Acipenser ruthenus ruthenus L.) Artificial
W74-05438 7-11 5A	the Utilization of the Water Resources of the Rio Grande in New Mexico: Lower Rio Grande	Breeding: II. Fry and Fingerling Feeding in Basins With Circular Water Flow, (In Rumani-
CRAPPER, D. R.	Region, W74-07609 7-15 6B	an),
Brain Aluminum Distribution in Alzheimer's Disease and Experimental Neurofibrillary		W74-11156 7-21 8I
Degeneration,	An Analytical Interdisciplinary Evaluation of	CRISTEA, ELISABETA
W74-09579 7-18 5C	the Utilization of the Water Resources of the Rio Grande in New Mexico: Middle Rio	A New Type of Incubator Used in the Induced
CRAUER, L. S.	Grande Region,	Spawning of Phytophagous Fishes, (In Rumani-
Liquid Composting of Dairy Cow Waste,	W74-05408 7-11 6B	an), W74-07434 7-14 8I
W74-10310 7-19 5D		W /4-0/434 /-14 81
CRAWFORD, A. B.	An Analytical Interdisciplinary Evaluation of	CRISTEA-NASTASESCU, M.
The Concept of Carrying Capacity,	the Utilization of the Water Resources of the Rio Grande in New Mexico: Socorro Region,	Observations on the Ecology and Distribution
W74-12469 7-23 6B	W74-06103 7-12 6B	of the Turbellarian Fauna of the Danube Delta (Beobachtungen uber die Okologie und Ver-
Social, Economic, Environmental, and Techni-	An Analytical Interdisciplinary Evaluation of	breitung der Turbellarienfauna im Donaudelta),
cal Factors Influencing Water Reuse,	An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the	W74-03574 7-07 5C
W74-04317 7-09 5D	Rio Grande in New Mexico: Upper Rio	CRISWELL, J. G.
CRAWFORD, D. A.	Grande,	Influence of Environment and Leaf Excision
Underground Storage of Texas Playa Lake	W74-02660 7-06 6B	on Gas Exchange of Oat Leaves,
Waters by Injection Into the Ogallala Forma-	W. t. D D. M I D I N I	W74-02084 7-04 21
tion Under Moderate Pump Pressure, W74-01627 7-03 4B	Water Resource Problems and Research Needs of New Mexico,	CRITES, R. W.
W74-01627 7-03 4B	W74-12864 7-24 6B	Characteristics of Municipal Effluents,
CRAWFORD, D. D.	727 02	W74-05968 7-12 5D
The Use of Questionnaires in Collecting Infor-	CREMER, K. W.	
mation for Urban Flood Control Planning, W74-08151 7-16 6F	Immediate Resumption of Growth by Radiata	Nationwide Experiences in Land Treatment, W74-11851 7-22 5D
W/4-06131 /-16 OF	Pine After Five Months of Minimal Transpira- tion During Drought.	W 74-11831 7-22 3D
CRAWFORD, D. L.	W74-03519 7-07 2D	Wastewater Treatment and Reuse by Land Ap-
Bacterial Protein from Paper Mill Sludges,	7-07 25	plication - Volume I - Summary,
W74-02282 7-05 5E	CRESS, T. S.	W74-02043 7-04 5D
CRAWFORD, N.	Sixth Annual Survey Report on the Air	Wastewater Treatment and Reuse by Land Ap-
Continuous Simulation Models in Urban	Weather Service Weather Modification Pro-	plication - Volume II,
Hydrology, W74-09479 7-18 3D	gram (FY 1973), W74-06356 7-12 3B	W74-02044 7-04 5D
W/4-094/9 /-18 3D	7-12 38	CROCKER, W. C.
CRAWFORD, N. H.	CRICHTON, O. W.	Comparison of Cadmium 115M Retention in
Pesticide Transport and Runoff Model for	Coastal Vegetation of Delaware,	Rats Following Different Routes of Administra-
Agricultural Lands, W74-11920 7-22 5B	W74-07616 7-15 2L	tion,
W 74-11720	CRIM, R. L.	W74-12505 7-23 5B
CRAWFORD, P.	Auto-Qual Modelling System,	Gastrointestinal Absorption of Different Com-
Phosphorus Removal Costs, W74-08855 7-17 5D	W74-12342 7-23 5B	pounds of 115m Cadmium and the Effect of
W 74-06633 7-17 3D	ODIDE M. W.	Different Concentrations in the Rat,
CRAWFORD, R. E.	CRIPE, M. W. Flood Studies for Safety of TVA Nuclear	W74-09778 7-18 5C
Municipal Desalting Studies for Selected Kan-	Plants: Hydrologic and Embankment Breaching	CROCKETT, R. G.
sas Communities, W74-00156 7-01 5F	Analysis,	Sensing of Moisture Content in Soil,
	W74-00805 7-02 8A	W74-10592 7-20 2G
CRAWFORD, T. J.	CDICARI D	CROCKETT, S. P.
Stratigraphy and Economic Geology of the Coastal Plain of the Central Savannah River	CRISAFI, P. Some Responses of Planktonic Organisms to	The Water Budget and Waste Treatment at a
Area, Georgia,	Environmental Pollution,	Modern Dairy,
W74-01122 7-03 2J	W74-11285 7-21 5C	W74-00560 7-02 5D
CREA W		CROFT, M. G.
CREA, W. Agriculture, Forestry, Range Resources,	CRISAFULLI, A. J.	Groundwater Basic Data for Adams and Bow-
W74-01164 7-03 3F	Oil Skimmer Module, W74-00961 7-02 5G	man Counties, North Dakota, W74-11024 7-21 2F
CREASER, E. P. JR.		7-21 2F
Reproduction of the Bloodworm (Glycera	Oil Skimmer Module with Free Floating Weir	CROKE, E. J.
dibranchiata) in the Sheepscot Estuary, Maine,	Trough, W74-11409 7-21 5G	An Evaluation of the Impact of Land Use on
W74-11043 7-21 2L	W74-11409 7-21 5G	Environmental Quality, W74-09419 7-18 4A
CREASON, J. P.	CRISEWELL, M. E.	W74-09419 7-18 4A
Polychlorinated Biphenyl Residues in Human	Survey of Gulf Coast Structural Damage	CROLEY, T. E. II.
Plasma Expose a Major Urban Pollution	Resulting from Hurricane Camille, August 1969,	Sequential Deterministic Optimization in Reser-
Problem,	1707,	voir Operation,

W74-03623

7-04 5B

Sequential Deterministic Optimization in Reservoir Operation,
W74-06416 7-12 4A

7-07 8B

W74-02078

Sequential Stochastic Optimization for Reser-	Photodecomposition of Chlorinated Biphenyls	CROSSLAND, N. O.
voir System, W74-03914 7-08 4A	and Dibenzofurans, W74-06125 7-12 5B	Some Practical Aspects Concerning the Use of The Molluscicide N-Tritylmorpholine (Frescon)
CROMLING, J.	Photodecomposition of P-Chlorophenoxyacetic	for the Control of Fascioliasis, W74-09525 7-18 5C
How Geothermal Wells are Drilled and	Acid,	
Completed, W74-10860 7-20 8A	W74-03583 7-07 5B	CROSSMAN, J. S. Aquatic Invertebrate Recovery in the Clinch
CROMMELIN. M.	Photodecomposition of 2,4,5-Trichlorophenox- yacetic Acid (2,4,5-T) in Water,	River Following Hazardous Spills and Floods, W74-07841 7-15 5C
Jurisdictional Problems in Canada's Offshore,	W74-03585 7-07 5B	
W74-12613 7-23 6E	CROSBY, G. W.	CROSSON, P. R. Impact of Irrigation Investments on Regional
CROMPTON, E. J. Reclamation Studies on Black Mesa,	The Role of Deformation in Changing the	and Urban Development,
W74-13144 7-24 5G	Reservoir Properties of Aquifers, W74-02446 7-05 2F	W74-01625 7-03 6B
CRONAN, D. S.		CROSSWHITE, W. M.
An Additional Location of Metalliferous Sedi-	CROSBY, J. E. Trends and Variability of Yearly Mean Sea	Water and Waste Management in Poultry Processing,
ments in the Red Sea, W74-05554 7-11 2J	Level 1893-1972,	W74-11789 7-22 5D
CRONSHAW, H.	W74-08643 7-16 2B	CROSTHWAITE, E. G.
Water Pollution Prevention in South Wales,	CROSBY, J. W.	A Progress Report on Results of Test-Drilling and Ground-Water Investigations of the Snake
W74-09735 7-18 5G	Geophysical Investigations of Washington's Ground Water Resources,	Plain Aquifer, Southeastern Idaho,
CROOK, A. G.	W74-06262 7-12 2F	W74-05715 7-11 2F
A Comparison of Techniques of Sampling the Arctic-Subarctic Snowpack in Alaska,	CROSBY, J. W. III	CROUCH, J. J.
W74-09609 7-18 2C	A Summary of Quantity, Quality and Economic Methodology for Establishing Minimum Flows,	Refurbishing an Hawaiian Fishpond, W74-01915 7-04 8I
CROOKS, J. E.	W74-07847 7-15 6B	CROUCH, S. R.
Simple Direct Combination of Gas Chromatog- raphy and Vapor Phase Infrared Spectrometry,	CROSMUN, R.	Graphite Braid Atomizer for Atomic Absorp-
W74-01355 7-03 5A	Separation, Detection, and Identification of Or- ganically Bound Toxic Metals and Other	tion and Atomic Fluorescence Spectrometry, W74-11912 7-22 5A
CROOKSHANK, N. Numerical Model Studies of Rivers and Estua-	Hazardous Materials,	CROUSE, F. W.
ries,	W74-12914 7-24 5A	Collection, Detection, Identification, and
W74-12101 7-23 8B	CROSS, C. K. Analysis of Alkyl Ethoxylates by NMR,	Quantitation of Human Effluents, W74-07912 7-15 5A
CROOKSHANK, N. L. Numerical Model of St. Lawrence River Estua-	W74-02408 7-05 5A	CROUZET, P.
ry,	CROSS, F. A.	Determination of Counting Efficiency by 14C
W74-06738 7-13 2L	Concentrations of Manganese, Iron, and Zinc	by Liquid Scintillation in Primary Production Measurements in a Lagoon Environment, (In
CROOME, R. L. Physical and Chemical Limnology of Lake	in Juveniles of Five Estuarine-Dependent Fishes,	French), W74-08143 7-15 5A
Leake and Tooms Lake, Tasmania,	W74-07803 7-15 5C	
W74-00283 7-01 5C	Relation Between Total Body Weight and Con-	CROW, F. R. Evaporation from Brine Storage Reservoirs,
CROON, I. Some Systems Developed for Pollution Abate-	centrations of Manganese, Iron, Copper, Zinc, and Mercury in White Muscle of Bluefish	W74-06517 7-13 2D
ment in the Pulp Industry, Particularly Oxygen	(Pomatomus saltatrix) and A Bathyl-Dimersal	CROW, S.
Bleaching, W74-12410 7-23 5D	Fish Antimora Rostrata, W74-01413 7-03 5B	The Impact of Oil on Marshland Microbial Ecosystems.
CRORY, F. E.	CROSS, H. A.	W74-08631 7-16 5C
Settlement Associated with the Thawing of Per-	The LD(50) Value of Tetraethyl Lead,	CROW, S. C.
mafrost, W74-04408 7-09 2C	W74-07700 7-15 5C	A Theory of Hydraulic Rock Cutting,
	Tetraethyl Lead Dose Response Curve for	W74-10848 7-20 8C
CROSA, J. H. Molecular Relationships Among the Salmonel-	Mortality in Laboratory Rats, W74-07701 7-15 5C	CROWDER, D. G. Hypochlorination of Polluted Storm-Water
leae, W74-00623 7-02 5B		Pumpage at New Orleans,
	CROSS, O. E. Animal Waste Utilization for Pollution Abate-	W74-04676 7-09 5D
CROSBIE, A. L. Thermal Radiative Properties of a Smooth Air-	ment Technology and Economics. Phase II,	CROWDER, W. K.
Water Interface, W74-02874 7-06 2K	W74-08231 7-16 5D	An ERTS View of Alaska-Regional Analysis of Earth and Water Resources Based on Satel-
CROSBY, A. B.	Application, Utilization and Disposal of Livestock Wastes,	lite Imagery, W74-10251 7-19 7B
Riprap Slope Protection for Earth Dams: A	W74-00136 7-01 5G	CROWE, J. E. JR.
Review of Practices and Procedures, W74-01093 7-02 8D	CROSS, R. J.	Water PollutionUser of City Sewer System
	Organomercurials in the Environment, W74-05248 7-10 5B	Creates Nuisance Against Lower Riparian,
CROSBY, D. G. Determination of Cacodylic Acid		W74-00870 7-02 5G
(Hydroxydimethylarsine Oxide) by Gas Chro- matography,	CROSSLAND, J. Drinking Water,	CROWE, R. Lagoons for Milking Center Wastes,
W74-05448 7-11 5A	W74-01466 7-03 5F	W74-09708 7-18 5D

CROWLEY, F. X.

CROWLEY, F. X.		CTVRTNICEK, T.		CUMMANS, J. E.
Composite Sewage Tank,		Trace Determination of Bery	lium Oxide in	Flood Profiles and Inundated Areas Along the
W74-10586	7-20 5D	Biological Samples by Electro Chromatography,	n-Capture Gas	Lower Nisqually River, Washington, W74-05849 7-11 2E
CROZAZ, G.		W74-11389	7-21 5A	7-11 22
Extra-Terrestrial Mn-53 in Anta	retic Ice.	1171.1307	, 21 311	Water Resources of the Nisqually Indian
W74-05991	7-12 2C	CUBLEY, S. The Tundra Microclimate Durin	g Snow-Melt at	Reservation, Washington, W74-00544 7-01 4A
Chuckenany		Barrow, Alaska,	g bliow-men at	7-01 478
CRUICKSHANK, A.		W74-02095	7-04 2C	Water Resources of the Skokomish Indian
Ethylenethiourea Degradation,	= 00 ED	W 74-02073	7-04 20	Reservation, Washington,
W74-01340	7-03 5B	CUCCO, J. A.		W74-02623 7-05 2G
CRUTCHFIELD, J.		Determination of Potassium by	Means of the	
A Summary of Quantity, Quality	ly and Economic	Cotlove Chloridometer,		CUMMING, K. B.
Methodology for Establishing N		W74-05450	7-11 5A	An Evaluation of Striped Bass Fingerling Cul-
W74-07847	7-15 6B			ture,
1174-07047	7-13 OD	CUDNEY, D.		W74-07002 7-13 8I
CRUTCHFIELD, J. A.		Use of Sprinklers to Study the	e Influence of	CUMPINGS S. I
Economic and Political Object	tives in Fishery	Population Density Upon Seed	Cotton Produc-	CUMMINGS, S. L.
Management.		tion in an Arid Area,		Cesium-137 in White-Tailed Deer as Related to
W74-03195	7-06 6B	W74-04133	7-08 3F	Vegetation and Soils of the Southeastern
		CURTILIE C		United States,
CRUTCHFIELD, J. D.		CUELLAR, G.	771	W74-05190 7-10 5B
Nitrate-Nitrogen and Phospho	rus Contents of	Geochemistry of the Ahuac		CUMMINS, K. W.
Streams Draining Small	Agricultural	Area, El Salvador, Central Ame		Increasing the Processing Rate of Particulate
Watersheds in Kentucky,		W74-09020	7-17 2K	Organic Matter in Streams,
W74-06265	7-12 5B	CUGURRA, F.		W74-04202 7-08 5B
		Ichthyotoxic Effects of Some	Anti Pollution	W 74-04202 7-08 3B
CRUVER, J. E.		Products.	Anti-Fondition	Trophic Relations of Aquatic Insects,
Control of Fouling of Reverse	e Osmosis Mem-	W74-11327	7-21 5C	W74-05062 7-10 5C
branes When Operating on I	Polluted Surface	W /4-1132/	1-21 SC	
Waters,		CULBERSON, C. H.		A Worldwide Directory of Stream Ecologists,
W74-01908	7-04 3A	Measurement of the Appare	nt Dissociation	W74-08235 7-16 10C
		Constants of Carbonic Acid in		
Interaction of Feedwater Colle		mospheric Pressure,	Deawares at 211	CUMMINS, R. S.
face of Reverse Osmosis Mem		W74-05731	7-11 2K	Survey of Gulf Coast Structural Damage
W74-01925	7-04 5D	***************************************	7-11 246	Resulting from Hurricane Camille, August
		CULKIN, F.		1969,
CRYAN, A. P.		Concentrations of Some Ti	ace Metals in	W74-03623 7-07 8B
A Study of the Factors Dete		Pelagic Organisms and of Merc	ury in Northeast	
ygen Uptake of Benthal Stream		Atlantic Ocean Water,		CUNDICK, R. P.
W74-02451	7-05 5C	W74-01523	7-03 5C	High Seas Intervention: Parameters of Uni-
CRYCDALE B A				lateral Action,
CRYSDALE, R. A.	anastian Customs	CULLIS, J. C.		W74-04031 7-08 6E
Capacity of Water-Based Rec		Automatic Valves, Particularl	for Use With	CUNNINGHAM, H. M.
Part I: The State of the Ar Review,	t - A Literature	Filters,		Mercury Content of Canadian Foods and
W74-07719	7-15 6B	W74-08900	7-17 8C	Cereals Determined by Different Methods,
W 14-07/19	7-13 OB	OULT TON M. A		W74-06787 7-13 5A
Capacity of Water-Based Re-	creation Systems	CULLITON, M. A.	it. C	11-15 JA
PART II: A Systems Appro		State Environmental Radioacti	ity Surveillance	The Occurrence of Mercury in the Environ-
Analysis,		Programs, 1972,	7.16 ED	ment and Man, Discussion Paper,
W74-12364	7-23 6B	W74-08647	7-16 5B	W74-06784 7-13 5B
	, 20 02	CULP, G.		
CSANAD, G.		Physical-Chemical Wastewater	Treatment Plant	CUNNINGHAM, P. A.
Oceanic Atmospheric Dispersi	on,	Design,	ricutinent riunt	Accumulation and Depuration of Mercury in
W74-09865	7-19 5C	W74-03957	7-08 5D	the American Oyster Crassostrea Virginica,
			. 00 50	W74-11490 7-22 5C
CSANADY, G. T.				
		CULP, G. L.		
Baroclinic Boundary Currents	and Long Edge-	CULP, G. L. Advanced Waste Treatment Pr	ocess Selection,	CUNNINGHAM, P. T.
			ocess Selection,	Characterization and Analysis of Airborne Par-
Baroclinic Boundary Currents		Advanced Waste Treatment Propert Three,		Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy,
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733	Shores, 7-04 2H	Advanced Waste Treatment Pr Part Three, W74-11135	7-21 5C	Characterization and Analysis of Airborne Par-
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce	Shores, 7-04 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr	7-21 5C	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes,	Shores, 7-04 2H sses in the Great	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two,	7-21 5C cocess Selection,	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R.
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce	Shores, 7-04 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr	7-21 5C	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River,
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926	Shores, 7-04 2H sses in the Great 7-15 5B	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245	7-21 5C occess Selection, 7-16 5D	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality Report-Stillaguamish River, December 1970-September 1971,
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior	Shores, 7-04 2H sses in the Great 7-15 5B	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservation	7-21 5C cocess Selection, 7-16 5D cn by Planned	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River,
Baroclinic Boundary Currents Waves in Basins with Sloping. W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL,	Shores, 7-04 2H sses in the Great 7-15 5B in Lake Ontario	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservation Recycling of Treated Wastewa	7-21 5C occess Selection, 7-16 5D on by Planned er,	Characterization and Analysis of Airborne Par- ticulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality Report-Stillaguamish River, December 1970-September 1971, W74-06273 7-12 5B
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior	Shores, 7-04 2H sses in the Great 7-15 5B	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservation	7-21 5C cocess Selection, 7-16 5D cn by Planned	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality Report-Stillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K.
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservation Recycling of Treated Wastewa W74-01866	7-21 5C occess Selection, 7-16 5D on by Planned er,	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River,
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservation Recycling of Treated Wastewar W74-01866 CULP, R. L.	7-21 5C cocess Selection, 7-16 5D on by Planned er, 7-04 5D	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River, December 1970September 1971,
Baroclinic Boundary Currents Waves in Basins with Sloping. W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes: Locked Seas,	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H and Nearly Land-	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservatic Recycling of Treated Wastewa W74-01866 CULP, R. L. Water Resource Preservatic	7-21 5C cocess Selection, 7-16 5D company Planned er, 7-04 5D company Planned er, 7-04 5D company Planned	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River,
Baroclinic Boundary Currents Waves in Basins with Sloping W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservatic Recycling of Treated Wastewa W74-01866 CULP, R. L. Water Resource Preservatic Recycling of Treated Wastewa	7-21 5C cocess Selection, 7-16 5D co. by Planned er, 7-04 5D co. by Planned er,	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River, December 1970September 1971,
Baroclinic Boundary Currents Waves in Basins with Sloping. W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes: Locked Seas,	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H and Nearly Land-	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservatic Recycling of Treated Wastewa W74-01866 CULP, R. L. Water Resource Preservatic	7-21 5C cocess Selection, 7-16 5D complete by Planned er, 7-04 5D complete by Planned on by Planned	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River, December 1970September 1971, W74-06261 7-12 5B
Baroclinic Boundary Currents Waves in Basins with Sloping. W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes at Locked Seas, W74-02715 CSONKA, E.	7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H and Nearly Land-	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservatic Recycling of Treated Wastewa W74-01866 CULP, R. L. Water Resource Preservatic Recycling of Treated Wastewa	7-21 5C cocess Selection, 7-16 5D co. by Planned er, 7-04 5D co. by Planned er,	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River, December 1970September 1971, W74-06261 7-12 5B CUNNINGHAM, R. K.
Baroclinic Boundary Currents Waves in Basins with Sloping. W74-01733 Big Eddies and Mixing Proce Lakes, W74-07926 Spring Thermocline Behavior During IFYGL, W74-11903 Surface Circulation of Lakes at Locked Seas, W74-02715 CSONKA, E.	Shores, 7-04 2H sses in the Great 7-15 5B in Lake Ontario 7-22 2H and Nearly Land-7-06 2H	Advanced Waste Treatment Pr Part Three, W74-11135 Advanced Waste Treatment Pr Part Two, W74-08245 Water Resource Preservatic Recycling of Treated Wastewa W74-01866 CULP, R. L. Water Resource Preservatic Recycling of Treated Wastewa W74-01866	7-21 5C cocess Selection, 7-16 5D on by Planned er, 7-04 5D on by Planned er, 7-04 5D	Characterization and Analysis of Airborne Particulate Material by Infrared Spectroscopy, W74-10957 7-21 5A CUNNINGHAM, R. Water Quality ReportStillaguamish River, December 1970-September 1971, W74-06273 7-12 5B CUNNINGHAM, R. K. Water Quality ReportYakima River, December 1970September 1971, W74-06261 7-12 5B CUNNINGHAM, R. L. Application of Multispectral Remote Sensing to

CUNNINGHAM, R. W.

Reliability of Urban Water Quality Manage- zawiesiny w sziekach otrzymywanych przy

Coastal Processes and Depositional Patterns on Cape Ann, Massachusetts,	ment, W74-00180 7-01 5G	W74-12948 7-24 5A
W74-10371 7-20 2J		CHINA .
CURRS C B	CURTIS, E. H. Ecology of Toxic Metals,	CYWIN, A.
CURDS, C. R. A Theoretical Study of Factors Influencing the	W74-12024 7-23 5B	Disposal of Waste Heat, W74-02029 7-04 5B
Microbial Population Dynamics of the Ac-	7-23 35	W74-02029 7-04 5B
tivated-Sludge Process - I. The Effects of Diur-	CURTIS, J. B. JR.	CZACHOR, J. S.
nal Variations of Sewage and Carnivorous	Sr-87/Sr-86 Ratios and Total Strontium Con-	Heavy Metals in Wastewater and Treatment
Ciliated Protozoa,	centrations in Surface Waters of the Scioto	Plant Effluents,
W74-02996 7-06 5D	River Drainage Basin, Ohio, W74-01516 7-03 5B	W74-01319 7-03 5A
CURL, H. C.	W/4-01310 /-03 3B	CZAPSKI, U. H.
An Ecosystem Study in the Inside Passage of	CURTIS, J. O.	The Development from Two-Dimensional to
Southeastern Alaska,	Material Property and Boundary Condition Ef-	Three-Dimensional Turbulence Generated by
W74-07495 . 7-14 5C	fects on Stresses in Avalanche Snowpacks,	Breaking Waves,
Without of Total Bullet Market Problems	W74-02743 7-06 2C	W74-12996 7-24 2H
Effects of Intracellular Nutrient Pools on Growth Dynamics of Phytoplankton,	CURTIS, M. A.	
W74-13302 7-24 5C	Identification of Bacteria by Computer:	CZARNECKI, D. B.
727 30	General Aspects and Perspectives,	Preparation of Slide Periphyton for Various
CURL, H. C. JR.	W74-04909 7-10 5A	Productivity Analyses, W74-03315 7-07 7B
A Mathematical Model of the Nutrient Dynam-	Identification of Bacteria by Computer:	W 14-03313
ics of Phytoplankton in a Nitrate-Limited En-	Identification of Reference Strains,	CZARNOCKI, T.
vironment, W74-00720 7-02 5C	W74-04910 7-10 5A	Chemical Method of Water Flow Measurement
W14-00120 1-02 3C		in Open Channels,
CURL, H. JR.	Identification of Bacteria by Computer: Theory	W74-11515 7-22 7B
An Automated Analysis for Urea in Seawater,	and Programming,	CZEDNICKI
W74-02421 7-05 5A	W74-04791 7-09 5A	CZERNICKI, A.
Phytoplankton: Grass of the Sea,	CURTISS, D. A.	Evaluation of Asymmetric Hollow Fibers for Desalination by Reverse Osmosis,
W74-12664 7-23 5C	Lakes of Oregon: Volume One, Clatsop,	W74-00160 7-01 3A
W 74-12004 7-23 3C	Columbia, and Tillamook Counties,	701 34
Spectral Absorption of Solar Radiation in Al-	W74-06270 7-12 2H	CZYRSKA, H.
pine Snowfields,	CUSHING, C. E.	Cadmium and Zinc Toxicity and Synergism to
W74-01626 7-03 2C	Cycling of Zinc-65 in a Simple Food Web,	Floating Aquatic Plants,
CURLIN, J. W.	W74-05202 7-10 5C	W74-01821 7-04 5C
The Interstate Water Pollution CompactPaper	7.10 30	D'AMELIO, V.
Tiger or Effective Regulatory Device,	Freshwater Ecology,	The Effect of Heavy Metal on Protein Synthes-
W74-01450 7-03 5G	W74-09236 7-17 5C	is in Crustaceans and Fish,
CURRAN R I	CUSHMAN, D. R.	W74-11295 7-21 5C
CURRAN, R. J. Biomass in the Upwelling Areas Along the	Breaking of Oil-in-Water Emulsions,	
Northwest Coast of Africa as Viewed with	W74-12803 7-24 5D	D'ANGIURA, L.
ERTS-1,	CHARDS C. C.	Waste Water Problems of the Textile Industry.
W74-06677 7-13 5A	CUSTER, C. S. Chemical Characteristics, Bacterial Counts,	Part I. Oxygen Demand of Printing Paste Thickeners. (Problemi inerenti le acque di scar-
CUBBL C B	and Potential Shelf-Life of Shrimp from Vari-	ico nell'industria tessile. Io. La domanda di os-
CURRI, S. B. Observations of the Organic Components of	ous Locations on the Northwestern Gulf of	sigeno di addensanti da stampa),
Thermal Muds: III. The Lipid Fractions of the	Mexico,	W74-08421 7-16 5B
Lacco Ameno (Ischia) Peloids, (In Italian),	W74-02955 7-06 5A	
W74-12739 7-23 2J		D'ARCY, J.
	CUTKOMP, L. K.	The Development and Performance of a New
CURRIE, J. M. L.	A Tissue Enzyme Assay for Chlorinated Hydrocarbon Insecticides,	High Accuracy Hydrographic Tellurometer
A Starch-Free Effluent Program for Corrugation Plants	W74-10526 7-20 5C	Model MRB 201, W74-11535 7-22 7B
ing Plants, W74-05250 7-10 5B		1-22 /B
, 10 JB	CUTRESS, C. E.	D'ARGE, R. C.
CURRIER, R. A.	Investigation of the Biology and Control of	Economic Policies, Environmental Problems,
Utilization of Bark Waste,	Noxious Coelenterates Occurring in the Coastal Waters of Puerto Rico.	and Land Use,
W74-06379 7-12 5A	W74-07480 7-14 2L	W74-09417 7-18 6B
CURRUTHERS, I. D.	W/4-0/400	D'EMIDIO, J. A.
A New Approach to Domestic Water Rating,	CUTTER, B. E.	Naval Environmental Protection Program,
W74-03963 7-08 6C	Anatomical and Physical Properties of Red Oak	W74-10769 7-20 5G
	and Red Pine Irrigated with Municipal Waste-	1-20 30
CURRY, G. L.	water, W74-12886 7-24 5D	D'ITRI, F. M.
Chance-Constrained Model of System of	W /4-12000 /-24 3D	Mercury Dynamics in a Warm Water Stream,
Reservoirs, W74-02676 7-06 4A	CYKLER, J. F.	W74-10692 7-20 5B
	Automatic Irrigation Supply Sequencing Valve,	Courses of Maroury in the Position
Development of a Dynamic Water Management	W74-10757 7-20 3F	Sources of Mercury in the Environment,
Policy for Texas,	CYMBAREWICZ, A.	W74-06771 7-13 5B
W74-00562 7-02 6A	Evaluation of a Method Presently Used for	D'LTRI, F. M.
Reliability and Economic Optimization for	Determining Suspended Solids in Effluents	Environmental Dynamics of Mercury: Discus-
Urban Return Flows Management,	from Production of Fiber Building Boards	sion Paper,
W74-05333 7-10 5B	(Ocena stosowanej obecnie metody oznaczania	W74-06799 7-13 5B

D'SOUZA, L. D'SOUZA, L. A Comparative Study of the Size and Receptivity of the Stigma in Wheat, Rye, Triticale and Secalotricum, W74-04690 7-09 3F D'YAKOV, V. I. Organization and Sanitary-Hygienic Evaluation of the Drinking Water Supply of Oil and Gas Regions of the Northern Ob Area, (In Russian), W74-10581 7-20 5F DABKOWSKI, G. Selective Separation and Concentration of Silver Via Precipitation Chromatography, W74-11911 Effects of Dieldrin on Brown Trout in Field and Laboratory Studies, W74-02979 7-06 5C DADALI, A.

W74-10687 DADALI, YU. A. Procedure and Apparatus for Measuring the At-

tenuation of Radar Radiation in Clouds and Precipitation, W74-10688 7-20 3B

Radar in Weather Modification and Hail Con-

DADIKYAN, M. G.

trol

Data on the Biology of Alburnus filippii Kessler Living in the Water Reserves of the Armenian SSR, (in Russian), W74-03953 7-08 2I

DAGON T J.

Biological Treatment of Photo Processing Effluents. W74-12718 7-23 5D

DAGUE, R. R.

Modleing of Land Runoff Effects on Dissolved Oxygen. W74-08316 7-16 SR

DAHLE, E. JR.

The Continental Shelf Lands of the United States: Mineral Resources and the Laws Affecting Their Development, Exploitation, and Investment Potential. W74-06000 7-12 6E

DAHLMAN, R.

Rapid N-15 Isotopic-Ratio Analytical System for Environmental Samples, W74-12916 7-24 5A

DAHLMAN, R. C.

Ecological-Environmental Assessments Related to the Federal Repository, W74-11672 7-22 5B

DAHM, D. B.

Cost Effectiveness in Pollution Control--Treatment of Glue Factory Wastes by Carbon Adsorption System. W74-02177 7-05 SD

Treatment of Tannery Effluents by Physical-Chemical Processes, W74-02175 7-05 5D

DAIBER, F.

Identification of Marsh Vegetation and Coastal Land Use in ERTS-1 Imagery, W74-02578 7-05 7B

DAIRER, F. C.

Coastal Vegetation of Delaware, 7-15 2I. W74-07616

The Hydrography of the Broadkill River Estuary, Delaware, W74-05122 7-10 2I.

Nitrate and Nitrite in the Surface Waters of Two Delaware Salt Marshes, 7-07 5B W74-03538

DAICOFF, D. W.

Capitalization of the Benefits of Water Resource Development, W74-04501 7-09 6B

DAIDBEKOVA, E. A.

Characteristics of Organic-Matter Distribution in Calcareous Sediments of the Caspian Sea and in Mesozoic Carbonate Rocks of the Southeastern Caucasus (Osobennosti raspredeleniya organicheskogo veshchestva v izvestkovykh osadkakh Kaspiyskogo morya i karbonatnykh porodakh mezozoya yugovostochnogo Kavkaza), W74-05021 7-10 5B

DAILEY, R. T.

7-20 3B

An Economic Analysis of Selected Agricultural Uses of Warm Water in the Pacific Northwest Resulting from Electric Power Generation, W74-07125 7-14 3C

DAJANI, J. S.

Capital Cost Minimization of Drainage Networks. W74-07309 7-14 4A

Economic Guidelines for Public Utilities Planning, W74-02114 7-04 5D

DALE, J.

Variation of Organochlorine Residue Levels with Age in Gulf of St. Lawrence Harp Seals (Pagophilus Groenlandicus), W74-01300

DALE, J. M.

Environmental Applications of Centrifugal Photometric Analysis, W74-12029 7-23 5A

DALES, P. A. III.

A Proposed Open Beaches Statute for Florida, W74-09977 7-19 2J

DALEY, M.

Recovery of Bacteriophage from Contaminated Chilled and Frozen Samples of Edible West Coast Crabs. W74-00613 7-02 5A

DALEY, R. J.

Chlorophyll, Nitrogen, and Photsynthetic Patterns During Growth and Senescence of Two Blue-Green Algae. W74-04884 7-10 SC

DALL'ASTA, U.

Limnological Aspects of Some Moroccon Atlas Lakes, with Reference to Some Physical and Chemical Variables, the Nature and Distribution of the Phyto- and Zooplankton, Including a Note on Possibilities for the Development of an Inland Fishery. W74-13476 7-24 5C

DALPKE, H-L.

Biological and Nonbiological Processes for Removing Dissolved Organic Substances from Residual Waste Waters (Biologische und nichtbiologische Verfahren zur Entfernung geloester organischer Substanzen aus Restabwaessern), W74-05262 7-10 SD

Cleaning Paper Industry Effluents by Means of Activated Carbon (Ueber die Reinigung papierindustrieller Restabwaesser mittels Aktivkohle). W74-09450 7-18 5D

Closed Water Circuits in a Paper Mill Processing Waste Paper, W74-03540 7-07 5D

Electrolysis as a Purification Method for Effluents of the Pulp and Paper Industry (Die Elektrolyse als Reinigungsverfahren fuer Abwaesser der Papier- und Zellstoffindustrie), W74-04542

Fundamental View of the Closed Water Circuit (Der geschlossene Wasserkreislauf in grund-saetzlicher Betrachtung). W74-05282 7-10 5D

Possibilities of Effluent Clarification (Moeglichkeiten der Abwasserklaerung), 7-14 SD W74-07382

Waste Water Clarification and Solids Recovery with 'Waste Water Bentonite': Report on a Study Trip to Sweden (Abwasserklaerung und Stoffrueckgewinnung mit 'Abwasserbentonit': Bericht ueber eine Reise nach Schweden), W74-00762 7-02 5D

DALPONT, G.

The Excretion of Organic Nitrogen by Marine Algae in Batch and Continuous Culture, W74-04102 7-08 SC

DALRYMPLE, R. W.

Preliminary Investigations of an Intertidal Sand Body, Cobequid Bay, Bay of Fundy, W74-06260

DALTON, A. J.

Brain Aluminum Distribution in Alzheimer's Disease and Experimental Neurofibrillary Degeneration, 7-18 5C W74-09579

DALTON, S. A.

Interactions Between DDT and River Fungi. II. Influence of Culture Conditions on the Compatibility of Fungi and p,p'-DDT, W74-06123 7-12 5C

Iodine-129 Levels in Milk and Water Near a Nuclear Fuel Reprocessing Plant, W74-07798 7-15 SR

DALY, M. P.

Water-Treatment-Plant Wastes Disposal-Part 1, W74-13284 7-24 SF

DAMBACH, C. A.

Benthic Macroinvertebrates as Indexes of Water Quality in Whetstone Creek, Morrow County, Ohio (Scioto River Basin), W74-01517

DAMSGAARD, A.

System 21, 'Jupiter' (A Design System for Two-Dimensional Nearly-Horizontal Flows), W74-02159 7-05

DANAILOV, B.

Effect of Green Fertilizer on Grape Yield, W74-05346 7-10 5B

DANCE, E. L.	DANSO, S. K. A.	DAS, M. M. AND
High Rejection Hollow Fiber Membranes for	Estimating the Density of Individual Bacterial	Waves Generated by Horizontal Motion of a
Desalination of Sea Water,	Populations Introduced into Natural Ecosystems.	Wall, W74-04760 7-09 8B
W74-08502 7-16 3A	W74-04890 7-10 5A	W74-04760 7-09 8B
DANCIU, M.		DAS, P.
Sedge Associations from the Ozunca Swamp,	DARBY, R. L.	Modeling and Management of Water and Re-
(In Rumanian),	Water Quality Criteria Data Book - Vol. 5 - Ef-	lated Land Resources for Phosphorus Control
W74-01016 7-02 2H	fects of Chemicals on Aquatic Life, W74-10541 7-20 5C	and Ecolibrium, W74-02675 7-06 5B
DANDARON, ZHD.	W/4-10541 /-20 SC	W74-02675 7-06 5B
Explanation of the Daily Pattern of Water	DARBYSHIRE, M.	DAS, P. K.
Evaporation from the Soil,	Sea Waves in Coastal Waters of the British	Some Studies on Wave Refraction in Relation
W74-12330 7-23 2D	Isles, W74-02710 7-06 2L	to Beach Erosion Along the Kerala Coast,
DANESHY, A. A.	W74-02710 7-06 2L	W74-00506 7-01 2J
Experimental Investigation of Hydraulic Frac-	DARBYSHORE, M.	Storm Surges in the Bay of Bengal,
turing Through Perforations,	The Surface Waters off the Coast of Kerala,	W74-12985 7-24 2L
W74-10093 7-19 8B	South-West India,	
BASIDMONANA E W	W74-03103 7-06 2E	DAS, S. M.
DANETSKAYA, E. V. Some Regularities of Sr90 Accumulation in the	DAREING, W. H.	A First Record of Red-Water Phenomenon in Kashmir, India,
Body of a Rat with a High Fluorine Content in	New Drilling-Research Tool Shows What Hap-	W74-01564 7-03 5C
Its Drinking Water, (In Russian),	pens Down Hole,	1401307
W74-02195 7-05 5C	W74-10090 7-19 8G	DASCH, E. J.
BANKOBO E	DARFLER, J. M.	Isotopic and Elemental Geochemistry of Black
DANFORS, E.	Effect of Waste Management and Egg	Sea Sediments,
Arid Zone Irrigation, W74-09815 7-19 3F	Processing on the Flavor of Cooked Eggs,	W74-12392 7-23 2J
1-15 31	W74-11236 7-21 5C	DASGUPTA, S. K.
DANG, V-D.	DARLING, J. M.	Water Requirements of Wheat (Triticum
High Reynolds Numbers Unsteady Convective	Seasonal Changes in Beaches of the North At-	Aestivum L.) From Meteorological Parameters,
Mass Transfer from Fluid Spheres,	lantic Coast of the United States,	W74-00468 7-01 3F
W74-02891 7-06 2B	W74-04963 7-10 2J	DATTA, B.
DANIEL, D. C. F.	DARWER P I	Effect of Dilute Salt Solutions on Chernozem
The U.S.S.R.: Ocean Use and Ocean Law,	DARMER, K. I. Flood of June 1972 at Corning, New York,	Soil Estimated Through the Hydration Proper-
W74-13220 7-24 6E	W74-02479 7-05 7C	ties of the Colloids,
BANGS V.		W74-08135 7-15 2G
DANIEL, J. F. Water Resources Applications,	Flood of June 1972 at Elmira, New York,	DAUGHTREY, E. H.
W74-04584 7-09 7B	W74-00535 7-01 7C	The Determination of Boron in Solution to Sub-
117-04504	DARROW, D. K.	p.p.b. Concentrations by Hollow-Cathode
DANIEL, P. M.	Relation of Trace Metals to Human Health,	Emission,
Acton Lake: Biology of Its Benthos and Notes	W74-09790 7-18 5C	W74-05468 7-11 5A
on Its Physical Limnology 1959-1970, W74-03066 7-06 2H	DARSHKUS, R. I.	DALICHTER 2 W
W74-03066 7-06 2H	Use and Conservation of Water Resources in	DAUGHTREY, Z. W. Phosphorus Supply Characteristics of Acid Or-
DANIEL, W. H.	Lithuania (Ispol'zovaniye i okhrana vodnykh	ganic Soils as Measured by Desorption and
Multi-Unit Apparatus for Collecting Oil from	resursov Litovskoy SSR),	Mineralization,
the Surface of a Body of Water,	W74-01970 7-04 4B	W74-07345 7-14 2G
W74-08020 7-15 5G	DART, F. J.	DALLEMON I D
DANIELS, R. H.	The Hazard of Iron,	DAULTON, J. D. Water Supply Improvement Project,
NEPA in the Courts: A Legal Analysis of the	W74-13269 7-24 5B	W74-09542 7-18 5B
National Environmental Policy Act,		W 14-03342 7-16 3B
W74-05586 7-11 6E	DAS, B. P. Backwater Effects at End-Dumped Constric-	DAUM, P. H.
DANIEL C C I	tions on Alluvial Channels.	Double Pulse Coulostatics,
DANIELS, S. L. Instrumentation and Automatic Control of	W74-12088 7-23 8B	W74-01511 7-03 2K
Phosphorus Removal Processes,		DAUPHIN, C.
W74-08856 7-17 5D	Bed Scour at End-Dump Channel Constric- tions,	Death of the Marshes in the Ardennes,
	W74-02316 7-05 8B	W74-04686 7-09 4A
DANIELSON, J.		DAVALL
Analytical Model for Management of Alluvial Aquifers,	DAS, D. K.	DAVAI, I. Some Hydrobiological Problems of the Ground-
W74-09477 7-18 4B	Adaptability of Maize to High Soil Water Con-	water Enrichment at the Budapest Metropolitan
	ditions, W74-00892 7-02 3F	Waterworks,
DANIELSON, T. W.	H 14-00072 7-02 3F	W74-13383 7-24 5C
Lakes in the Boulder-Fort Collins-Greeley	DAS, H. B.	DAVAB V C
Area, Front Range Urban Corridor, Colorado, W74-04496 7-09 2H	Studies on the Microbiological Characteristics	DAVAR, K. S. Computer Utilization of Hydrological Data for
17-04470 7-09 ZH	of Waters Used by Defence Services in Assam, W74-12965 7-24 5F	North Nashwaaksis Representative Basin.
DANIELSSON, A.	# /4-12903 /-24 3F	W74-01294 7-03 7C
Fluorimetric Method for the Determination of	DAS, K. C.	
Uranium in Natural Waters,	Windrow Composting of Swine Wastes,	Evaluation of Soil Moisture Regime in a
W74-05240 7-10 5A	W74-09676 7-18 5D	Watershed, W74-02355 7-05 2G
DANLEY, E. W. JR.	DAS, M. M.	1-03 20
Flood Control Project Maintenance and Repair	Suspended Sediment and Longshore Sediment	Resistance to Flow in Ice Covered RiversA
1971 Inspection Report,	Transport Data Review,	Simulation Study with Artificial Roughness,
W74-01945 7-04 8D	W74-03368 7-07 2J	W74-12092 7-23 8B

DAVENPORT, C. V.

DAVENPORT, C. V.	DAVIDSON, E. S.	DAVIS, A. C.
Batch Disinfection of Treated Wastewater with		Public Participation in Water Pollution Control
Chlorine at Less Than 1 deg C,	Tucson Basin, Arizona,	Policy and Decision Making,
W74-04042 7-08 5D	W74-07648 7-15 2F	W74-05953 7-12 6A
	Water-Resources Appraisal of the Big Sandy	DAVIS, A. S.
Chlorine Disinfection of Wastewater,		Cook Inlet Sockeye Salmon Investigations,
W74-10182 7-19 5D	W74-04922 7-10 4B	W74-10267 7-19 8I
DAVENPORT, D. C.	W 14-04922 7-10 4B	W 74-10207 7-19 61
	DAVIDSON, H. J.	DAVIS, C. C.
Potential Usefulness of Antitranspirants for	Water Ovality Baseds for Calasted Becomping	Energetics of a Host-Parasite Relationship as
Solution of Some Water Supply, Plant Growth,	in Texas, 1970-71 Water Years,	Illustrated by the Leech Malmiana nuda, and
and Environmental Problems,	W74 02120 7 04 2V	the Shorthorn Sculpin Myoxocephalus scor-
W74-01105 7-03 3B		pius,
DAVENPORT, R. J.	Water Quality Records for the Hubbard Creek	W74-10940 7-21 5C
	Watershed Taxes October 1060 September	117-107-10
Voltammetric Determination of Nitrate and	1972	Plankton Dynamics in a Newfoundland Lake,
Nitrite Ions Using a Rotating Cadmium Disk	W74-04606 7-09 5B	W74-02926 7-06 5C
Electrode,		
W74-00251 7-01 2K	DAVIDSON, J. M.	Plankton Succession in a Newfoundland Lake,
DANEN I M	Experimental and Predicted Movement of	W74-01818 7-04 5C
DAVEY, L. M.	Three Herbicides in a Water-Saturated Soil,	
A Waterborne Actinomycete Resembling	W74-02156 7-05 5B	DAVIS, C. H.
Strains Causing Mycetoma,		Do I Really Need to Irrigate Today, How Much
W74-01256 7-03 5E	Solution and Adsorbed Fluometuron Concen-	Water for this Irrigation,
	tration Distribution in a Water-Saturated Soil:	W74-09819 7-19 3F
DAVID, E. J.	Experimental and Predicted Evaluation,	
Biodegradation of Urea in River Waters Under	W74-08924 7-17 2G	Do I Really Need to Irrigate Today, Part 1,
Controlled Laboratory Conditions,		W74-09818 7-19 3F
W74-03287 7-07 5E	DAVIDSON, K. L.	
	An Investigation of the Structure of Turbulence	DAVIS, D.
DAVID, E. J. L.	over Water Surface Waves,	Uncertainty in the Return Period of Maximum
Floodplain Lands for Parks and Recreation: A	W74-10650 7-20 2E	Events: A Bayesian Approach,
Case Study of Milwaukee,		W74-03137 7-06 2B
W74-03491 7-07 6E		
	Ecological and Environmental Considerations,	DAVIS, D. A.
DAVID, J.	W74-01060 7-02 8A	Water Resources Summary, Island of Hawaii,
Age, Growth and Mortality of the White Perch		W74-00355 7-01 2E
Morone americana, in the James and Yorl	Rockfill Dams,	
Rivers, Virginia,	W74-01065 7-02 8A	DAVIS, D. G.
W74-02101 7-04 50		The Determination of Lead and Nickel by
	DAVIDSON, M. W.	Atomic-Absorption Spectrometry with a
DAVID, L. J.	Multistage Evaporator,	Flameless Wire Loop Atomizer,
The Air-Bubble Method of Flow Measuremen	W74-11050 7-21 3A	W74-01363 7-03 5A
and Its Application,		
W74-11525 7-22 71	DAVIDSON, R. L.	DAVIS, D. J.
	Environmental Stress in the Pasture Scarab Se-	Evapotranspiration on a Palouse Watershed,
DAVIDIAN, J.	ricesthis nigrolineata Boisd.: II. Effects of Soil	W74-07087 7-14 2D
Calibration of Current Meters in a Submerger	Moisture and Temperature on Survival of	
Jet.	Firstinstar Larvae,	The Water Cycle on a Watershed in the Palouse
W74-11503 7-22 71	W74-08147 7-15 5C	Region of Idaho,
		W74-03739 7-07 4A
DAVIDSON, B.	Environmental Stress in the Pasture Scarab Se-	D.41100 D. 44
Process Control Model for Oxygen Regenera	ricesthis nigrolineata Boisd.: Mortality in Lar-	DAVIS, D. M.
tion of Polluted Rivers, Phases IV and V, and	vae Caused by High Temperature,	Applied Health Physics and Safety Annual Re-
Spacially and Temporally Distribute		port 1971,
Discharge of Effluents in Estuaries,		W74-11669 7-22 5B
W74-07837 7-15 51	DAVIES, A. B.	DANKE D. D.
7-13 31	THE GIOWIN REMCTICS OF ISOCIATION CONTINUE IN	DAVIS, D. R.
DAVIDSON, C. I.	Cultures Containing Sublethal Concentrations	A Blocked Minimal Tropical Depression
The Flow of Trace Elements Through the Lo	of Mercuric Chloride,	Becomes a Storm of Rare Occurrence,
Angeles Area: Effect on Non-Urban Areas,	W74-11340 7-21 5C	W74-06357 7-12 2B
W74-10988 7-21 51	DAVIES, D. S.	A Decision-Theoretic Assurant to Uncertainty
7-21 31	Erosion of the North Shore of Long Island,	A Decision-Theoretic Approach to Uncertainty in the Return Period of Maximum Flow
The Flow of Trace Elements Through the Lo		
Angeles Basin: Zn, Cd, and Ni,	W74-10440 7-20 2J	Volumes Using Rainfall Data,
W74-10987 7-21 51	DAVIES, R. A.	W74-03138 7-06 2A
7-21 31	Removal of Organic Material by Adsorption on	DAVIS, E.
DAVIDSON, D. D.	Activated Carbon.	Phosphorus Removal by Lime Addition to a
Proposed Jetty-Head Repair Sections, Hum	W74-02264 7-05 5D	Conventional Anaerobic Stabilization Facility,
boldt Bay, California,	# /4-02204 /-03 3D	
W74-09117 7-17 8/	DAVIES, R. H.	W74-10187 7-19 5D
1-17 0/	Computer Analysis of Data from Potentiomet-	DAVIS, E. A.
Study of Beach Widening by the Perche	ric Titrations Using ion-Selective Indicator	Picloram Movement from a Chaparral
Beach Concept Santa Monica Bay, California		Watershed.
Hydraulic Model Investigation.		
	W74-02978 7-06 2K	W74-00370 7-01 5B
W74-05039 7-10 81	DAVIES, W. D.	DAVIS, E. M.
DAVIDSON, D. D. AND	The Effects of Total Dissolved Solids, Tem-	Effect of Radiation, Salinity and Temperature
Study of Beach Widening By the Perche		on the Ionic Regulation of the Blue Crab, Cal-
Beach Concept, Santa Monica Bay, California		linectes sapidus.
W74-04603 7-09 8		W74-07818 7-15 5C
7-09 61	1-42 30	7-13 30

Sediment Coliform Populations and Chlorination Behavior of Wastewater Ba W74-03295 7-	d Post acteria,	DAVIS, J. P. The Regulation of the Environmental Effects of Nuclear Power Plants, Associated with Hurricane Fern, Se		
		W74-09866 7-19 5C 1971,		
Trend Sulface Analysis and Seasonal I tion Patterns of Primary Nutrien		DAVIS, J. T. W74-03433	7-07	23
Chlorophyll in Unstratified Gulf Coast		Determination of Mercury in Biological Tis- sues. Coastal Processes and Beach Dyn Sheboygan, Wisconsin, July, 1972,	amics	at
ries, W74-05488 7.	-11 5B		7-03	2H
DAVIS, F. J. Riprap Slope Protection for Earth D Review of Practices and Procedures,	ams: A	Ecological Factors Affecting Anadromous Fishes of Lake Ponchartrain and Its Tributa- ries, DAVIS, R. G. Sugarbeet Response to Irrigation as with Growth Sensors,		
	-02 8D		7-15	3F
DAVIS, F. S.		DAVIS, K. E. Control of Unconsolidated Sands in Waste- Relative Movement of Bromide an	d Nie	rate
2, 4, 5-T, W74-06027	-12 5C	Disposal Wells, Through Soils,	7-14	
DAVIS, G. E.		DAVIS, K. R. DAVIS, R. K.		
Phase II: Temperature Requirements monids in Relation to their Feeding, getics, Growth and Behavior,		Enrichment of the Atmosphere with Nitrogen Compounds Volatilized From a Large Dairy Economic Aspects of Resource Use cial Reference to Energy and Water,	with 5	
W74-10394 7	-20 5C	W74-00409 7-01 5B Potential for Marginal Cost Pricing	in W	ater
DAVIS, G. H. Water Demands for Expanding	Energy	DAVIS, L. G. Resource Management, Water Resources of the Maumee River Basin, W74-08496	7-16	
Development, W74-09949 7	-19 6D	Northeastern Indiana, W74-13191 7-24 7C DAVIS, R. T.		
	-19 OD	DAVIS. L. R. Communications in Enzironmental ment,	Man	age-
DAVIS, G. K. High-Level Copper Feeding of Sw.	ine and	Workbook of Thermal Plume Prediction: W74-12474	7-23	6B
Poultry and the Ecology, W74-10295	-19 5B	Volume 1, Submerged Discharge, W74-05111 7-10 5B DAVIS, S. Tensiometer Use in Shallow Grou	ind-W	ater
DAVIS, H.		Workbook of Thermal Plume Prediction, Studies,	11	48
Effect of Salinity on the Optical Extin	ection of	Volume 2, Surface Discharges, W74-06343 W74-12212 7-23 5B	7-12	48
Sea Ice at 6328A, W74-00333	-01 2C	DAVIS, M. B. The Development of Phosphate Fr	ee He	avy
DAVIS, H. J.		Ecological History of Wetlands, Duty Detergents, W74-08165 7-16 21 W74-08830	7-17	SC
Seawater Desalination with PBI Hollo	w Fiber	W/4-00103 . /-10 2L	7-17	30
Reverse Osmosis Membranes, W74-08842	-17 3A	DAVIS, M. E. Water Resources Monitoring and Evaluation—A Key to Environmental Protection in Alabama Northern Santa Clara Valley,	Area	and
DAVIS, H. R.		Oil Fields, W74-10850	7-20	2F
Electric In-House Drying of Poultry W: W74-00426	aste, -01 5D	W74-03807 7-08 5B Hydrogeology of Carbonate and RocksSimilarities and Contrasts,	Volc	anic
DAVIS, J. C. AND		DAVIS, N. Utilization of Iron Gallate and Other Organic W74-07134	7-14	2F
Bioassay Procedures to Evaluate Acute	e Toxici-	Iron Complexes by Bacteria from Water Sup-		
ty of Neutralized Bleached Kraft Pulp fluent to Pacific Salmon,		plies, W74-00660 7-02 5B High Rejection Hollow Fiber Meml Desalination of Sea Water.	oranes	for
W74-04779	7-09 5C	DAVIS, N. S. W74-08502	7-16	3A
DAVIS, J. F.		Water Pollution-Governmental Activities in DAVIS, W.		
Long-Term Effects of Manure, Fertili Plow Depth on Chemical Properties	of Soils	Broward County, W74-09125 7-17 5G Vacuum Filtration of Sludge, W74-11084	7-21	50
and Nutrient Movement in a Monocult System,	ure Corn	DAVIS, P. E. DAVIS, W. K.		
	7-12 5B	A Study of the Reliability of Continuous Water Quality Monitoring, Environmental Challenges and Nuclei W74-02892	7-06	
DAVIS, J. H. JR.		W74-04982 7-10 5A DAVIS, W. S.		
Establishment of Mean High Water Florida Lakes,		DAVIS, P. H. Experimental Study of the Phase-Selective Enzyme-Enhanced Turbidity Remove Primary Treatment,	d Thre	ougi
W74-06610 7	7-13 2H	Anodic Stripping Analysis of Micromolar Cad- mium(II) at the Micrometer Hanging Mercury	7-02	5E
DAVIS, J. J.		Drop Electrode in 0.1 m Potassium Chloride, Recycling Fine-Paper Mill Effluent	by M	can
Food Chains in Fresh Water, W74-12050	7-23 5C	W74-02415 7-05 2K of Pressure Filtration, W74-00784	7-02	ST
DAVIS, J. M.		DAVIS, P. L.	1-02	34
A Finite Element Approach to Waters	shed Ru-	Combined Sewer Overflow Abatement Plan, DAVISON, J. R. Des Moines, Iowa, W74-10194 7-19 5D W74-05646		**
	7-21 2A	W74-10194 7-19 5D W74-05646	7-11	OC.

DAVIS, P. R.

7-23 2H

Wind Driven Circulation in Shallow Lakes: A

Finite Element Approach, W74-12138 The Effect of Data Density on Groundwater Contouring Accuracy, W74-08781 7-17 2F

DAVONALD, D. H. III.

W74-02731

Fluorescent Spectroscopy, A Technique for Characterizing Surface Films,

DAWDY, D. R.

DAWDY, D. R. Streamflow Simulation: 3. The Broken Line	Riverine Recreational DevelopmentMathe- matical Modeling,	DE GOEIJ, J. J. M. Mercury-Selenium Correlations in Marine
Process and Operational Hydrology,	W74-05958 7-12 5B	Mammals,
W74-07520 7-14 2A	DAY, J. C.	W74-03603 7-07 5C
The Worth of Data in Hydrologic Design,	The Impact of Man-Made Lakes on Residential	DE GOEIJ, J. M.
W74-09399 7-18 7C	Property Values: A Case Study and	A Preliminary Survey of the Possible Con-
DAWE D.I.	Methodological Exploration,	tamination of Lake Nakuru in Kenya with
DAWE, D. L. Microcultures of Brown Bullhead (Ictalurus	W74-13066 7-24 6B	Some Metals and Chlorinated Hydrocarbon
nebulosus) Cells: Their Use in Quantitation of	International Management of the Rio Grande	Pesticides, W74-04547 7-09 5C
Channel Catfish (Ictalurus punctatus) Virus and	Basin - The United States and Mexico,	117 0007
Antibody, W74-05323 7-10 5A	W74-05664 7-11 4A	DE GROOT, A. J.
W74-05323 7-10 5A	A Linear Programming Approach to Floodplain	Occurrence and Behaviour of Heavy Metals in
DAWSON, G. W.	Land Use Planning in Urban Areas,	River Deltas, with Special Reference to the Rhine and EMS Rivers,
Treatment of Hazardous Material Spills with	W74-01490 7-03 3D	W74-03034 7-06 5B
Floating Mass Transfer Media, W74-04043 7-08 5D	DAY, J. W.	PE CRUC A
	Enrichment of Marsh Habitats with Organic	DE GRYS, A. A Note on the Hot Springs of Ecuador,
DAWSON, J. O.	Wastes,	W74-09021 7-17 2K
Current Recreation Use, W74-11598 7-22 6B	W74-03337 7-07 5D	
W/4-11376	DAY, L. B.	DE HAAN, F. A. M.
Recreation Use Projections for the Proposed	Difficulties Ahead for Oregon Regarding Estua-	Aspects of Agricultural Use of Potato Starch
Ames Reservoir and Alternatives, W74-11599 7-22 6B	ry Regulations, Control and Protection,	Wastewater, W74-11356 7-21 3F
W/4-11399 /-22 0B	W74-08670 7-16 2L	
DAWSON, M. A.	DAY, M. B.	DE JONG, R. L. A.
Effects of Copper and Cadmium on Osmoregu-	Determination of Submicrogram Levels of	Fall and Rise of Lago Del Oro,
lation and Oxygen Consumption in Two Spe- cies of Estuarine Crabs,	Phenol in Water, W74-03868 7-08 5A	W74-08751 7-17 4A
W74-11491 7-22 5C	W74-03868 7-08 5A	DE KLERK, H.
	DE, A. K.	Bacterial Degradation of Cyclohexane Par-
Physiological Response of the Mud Crab, Eurypanopeus Depressus to Cadmium,	Studies of Solvent Extraction Behavior of	ticipation of a Co-Oxidation Reaction,
W74-06126 7-12 5C	Some Divalent Metals with Liquid Ion- Exchanger.	W74-08244 7-16 5B
	W74-09783 7-18 5A	DE LA CRUZ, A. A.
DAWSON, R. N.		Mirex Incorporation in the Environment: Tox-
Low Temperature Denitrification of Waste Water.	DE ANDA, L. F.	icity in Selected Freshwater Organisms,
W74-10179 7-19 5D	Production of Fresh Water from the En- dogenous Steam of Cerro Prieto Geothermal	W74-06032 7-12 5C
D. WOOL V. V.	Field,	DE LATOUR, C.
DAWSON, V. K. Effect of TFM and Bayer 73 on In Vivo Ox-	W74-09037 7-17 3A	Phosphate Removal by Magnetic Filtration,
ygen Consumption of the Aquatic Midge	DE ANDRADE, J. M. V.	W74-08789 7-17 5D
Chironomus Tentans,	Plant Population with Irrigated Wheat, (In Por-	DE LEENHEER, L.
W74-13094 "-24 5C	tuguese),	A Simple Method to Measure the Penetrome-
Toxicity of Quinaldine Sulfate to Fish,	W74-11111 7-21 2G	ter-Resistance of the Soil and the Relationship
W74-10387 7-20 5C	DE ATAIDE FONSECA, C. D.	between This Resistance, Soil Porosity and Soil
DAWSON, W. A.	Water Resources Planning Mozambique (La	Water Content, W74-00987 7-02 2G
The Relations of Periphytic and Planktonic	Planification Des Resources en Eau au	W 14-00761 7-02 2G
Algal Growth in an Estuary to Hydrographic	Mozamique),	DE LEPINEY, L.
Factors,	W74-01629 7-03 6B	On the Rearing of Copepods in the Laboratory,
W74-01571 7-03 5C	DE BORD, H. E.	(Sur l'elevage de copepodes au laboratoire), W74-08721 7-17 5C
DAWSON, W. F.	System for Eliminating Environmental Pollu-	W/4-08/21 /-1/ 3C
An Inexpensive Solid-State Amplifier for De-	tion, W74-00964 7-02 5D	DE LIS, B. R.
tecting Movements and Electrical Potentials of	W /4-00704	Drought Hardening in Onions: I. Influence of
Fish, W74-13482 7-24 5A	DE BORTOLI, M.	Presowing Treatments on Vegetative Behavior
W (4-13402 /-24 3A	Environmental Radioactivity - Ispra 1971,	and Yield, (In Spanish), W74-08148 7-15 3F
DAY, A. D.	W74-04176 7-08 5B	
Arizona Indian Corn (Zea mays L.),	DE BOUILLE, C.	Drought Hardening in Onions: II. Analysis of
W74-03926 7-08 3F	Flocculation and Decantation of Paper Industry	Growth, (In Spanish), W74-08149 7-15 3F
Recycling Urban Effluents on Land Using An-	Waste Waters (Floculation et decantation pes eaux residuaires de papeterie),	W/4-06149 /-13 3F
nual Crops,	W74-11080 7-21 5D	DE MAESENEER, J.
W74-05980 7-12 5D		Limnological Observations on the 'National
DAY, D. L.	DE CARVALHO, M. A. J.	Watersportbaan Georges Nachez' at Ghent in 1968, 1969, 1970 and 1971,
A Beef Confinement Building with an Oxida-	Breeding Calanoida and Cyclopoida (Copepoda, Crustacea) in the Waters of the	W74-08113 7-15 5C
tion Ditch, W74-11241 7-21 5D	Guama, Capim and Tocantins Regions, with a	
7-21 30	Note on the Accompanying Fauna, (In Portu-	DE MICHELE, E.
A Recycled Feed Source From Aerobically	gese),	Pathogenic Organisms in the Murderkill River
Processed Swine Wastes, W74-00412 7-01 5D	W74-13465 7-24 5C	Estuary, W74-09466 7-18 5B
7-01 3D	DE COSTA, J.	
DAY, H. J.	Species Diversity of Chydorid Fossil Commu-	DE NEUFVILLE, R.
Recreational Demand at Lakes and Reservoirs, W74-03480 7-07 6D	nities in the Mississippi Valley, W74-03941 7-08 5C	Economics of Inland Water Transport, W74-08508 7-16 4A
1-0/ 6D	11.4-03741	10000

A Methodology for Determining Optimal Lon-gitudinal Spacing of Effluent Discharges into a

DEAN, H. J.

Effect of Blackfly Larviciding in Some Adiron-

DEACON, R.

River. W74-01928

7-16 6A

Systems Analysis of Large-Scale Public Facilities: New York City's Water Supply Network as a Case Study,
W74-08507 7-16 3D

Systems Planning Design: Case Studies in

ics in Las Vegas Bay, Lake Mead, Nevada, W74-07001 7-13 5C

Modeling, Optimization, and Evaluation, W74-08506

7-13 2G

DEBOCK, J.

7-04 5B

W74-06936

DEBOER, D. W.

7-16 2G

W74-09473

Thermodynamics of Ion Exchange,

Development of Bi-Level Drainage Theory, W74-09817 7-19 4A

W74-08506 7-16 6A	dack Streams,	DEBOL'SKIY, V. K.
DE POUSA, A. G.	W74-11489 7-22 5C	Investigation of Fall Velocity of Sediments in
Algorithm for Solving a Class of Linear Pro-		Mountain Streams, (Issledovaniye
gramming Problems Related to Reservoir Management and Design,	Effect of Rate and Duration of Feeding DDT on the Reproduction of Salmonid Fishes	gidravlicheskoy krupnosti nanosov gornykh
W74-00667 7-02 4A	Reared and Held Under Controlled Conditions, W74-11933 7-22 5C	rek), W74-02306 7-05 2J
DE ROOY, J.		DEBORTOLI, M.
Price Responsiveness of the Industrial Demand	DEAN, J. H.	Behavior of Radioiodine in the Environment
for Water.	Decision Analysis on Water Resources	and in Man,
W74-10597 7-20 6D	Planning and Management for an Arid Metropolitan Center in West Texas,	W74-06862 7-13 5B
DE ROSA, M.	W74-09364 7-18 6A	DECAMPS, H.
Effects of pH and Temperature on the Fatty Acid Composition of Bacillus Acidocaldarius,	Subjective Decision-Making for Urban Water Resources Development,	The Effect of a Chemical Method for Gauging Discharge on the Invertebrates of a Mountain
W74-05461 7-11 5C	W74-00884 7-02 6B	River, (in French),
DE, S. K.		W74-10048 7-19 7B
Availability of Phosphorus and Nitrogen in	DEAN, R. B.	DECKED I B
Acid Soil in Presence of Calcium Salts,	Disposal and Reuse of Sludge and Sewage:	DECKER, J. P.
W74-01896 7-04 2G	What Are the Options,	Relationship of Transpiration to Atmospheric
7-04 20	W74-11835 7-22 5D	Vapor Pressure, W74-00759 7-02 2D
DE SANTO, VIRZO	Lime Stabilization of Primary Sludges,	W 74-00739 7-02 2D
Ecological Studies on Mentha Piperita L.: II.	W74-07760 7-15 5D	DECKER, M. JR.
Effect of Different Light Intensities on Water	7.15 5.5	Windrow Composting of Swine Wastes,
Relations,	The properties of Sludges,	W74-09676 7-18 5D
W74-12730 7-23 2I	W74-05967 7-12 5D	1710 35
		DECLERCK, R.
DE SONNEVILLE, J.	DEAN, R. G.	On the Effects of Dumped Organic Industrial
Systems Analysis of Irrigation Water Manage-	Breaking Wave Criteria; A Study Employing a	Waste Deriving from the Production of
ment in Eastern Idaho, W74-02322 7-05 4B	Numerical Wave Theory, W74-04610 7-09 2E	Proteolytic Enzymes on Density, Distribution and Quality of Fish and Shrimps,
DE SOUSA, A.	Hydraulics and Sedimentary Stability of	W74-13102 7-24 5C
Compleximetric Determination of Phosphate,	Coastal Inlets,	
W74-06757 7-13 5A	W74-06321 7-12 8B	DECOURSEY, D. G. Objective Regionalization of Peak Flow Rates,
DE SWART, J. G.	DEANGELIS, A. L.	W74-01174 7-03 4D
Column Scanning with Simultaneous Use of	Method for the Elimination and Possible Recovery of the Floating Polluting Substances,	DECRAEMER, W.
241Am and 137Cs Gamma Radiation, W74-12319 7-23 2G	Mineral Oils in Particular, From Sheets of	Limnological Aspects of Some Moroccon Atlas Lakes, with Reference to Some Physical and
	Water and Boat Fitted to This Aim, W74-07220 7-14 5G	Chemical Variables, the Nature and Distribu-
DE VAHL DAVIS, G. Application of the Finite Element Method to		tion of the Phyto- and Zooplankton, Including a
Convection Heat Transfer Between Parallel	DEANGELIS, J. P.	Note on Possibilities for the Development of an
Planes,	Scape: A Computer Model for Alternative	Inland Fishery,
W74-04765 7-09 8B	Sewer System Cost Evaluation,	W74-13476 7-24 5C
	W74-05873 7-11 5D	
DE VEER, S. M.	DEARBORN, L. L.	DEDEKE, W. C.
How to Measure Ambient Pollution, W74-11255 7-21 5A	Water-Table Contour Map, Anchorage Area, Alaska,	Waste Water Treatment: Using Pure Oxygen for Secondary Treatment,
	W74-10436 7-20 7C	W74-05247 7-10 5D
DE VILLIERS, R.	11710130	DEDKOVA, D.
Sample Sizes Required for Two-Sided Com-	DEARINGER, J. A.	Geothermal Prospecting in Shallow Holes and
parisons of Two Treatments With a Control, W74-06746 7-13 7C	Measuring the Intangible Values of Natural Streams, Part II, Preference Studies and	Its Limitations,
	Completion Report,	W74-09001 7-17 2F
DE VRIES, J. Dynamic Measurement of Hydrologic Proper-	W74-05538 7-11 6B	DEDRICK, A. R.
ties of a Layered Soil During Drainage and	DEB, A. K.	Floating Sheets of Foam Rubber for Reducing
Evaporation, Followed by Wetting, W74-12838 7-24 2G	Computer Aided Economic Design of Water Distribution System,	Stock Tank Evaporation, W74-06458 7-12 3B
	W74-12140 7-23 8B	
DE WREEDE, R. E.		DEE, H. J.
New Records of Sargassum Hawaiiensis Doty and Newhouse (Sargassaceae, Phaeophyta), a	Least Cost Design of Branched Pipe Network System,	The Determination of Vegetable and Mineral Oils in the Effluents and Sewage Sludges of the
Deep Water Species,	W74-11647 7-22 8B	Upper Tame Basin,
W74-01349 7-03 2I		W74-10818 7-20 5A
BEACON I P	DEBNATH, N. C.	DEERING, R. W.
DEACON, J. E. Phytoplanton Successions and Lake Dynam.	Inorganic Transformation of Added Phosphorus in Soil Relation to Soil Charac-	Joint Treatment of Municipal and Pulp Mill Ef-
Phytoplankton Successions and Lake Dynamics in Las Vegas Bay, Lake Mead, Nevada,	teristics and Moisture Regime,	fluents.
ies in Las vegas Day, Lake Meau, Nevaua,	teristics and motsture Regime,	

W74-08258

DEFEHR, K. J.

DEFEHR, K. J. A Field Investigation of the Hyd	traulics and	DEILY, F. H. New Drilling-Research Tool Shows	What F	lan-	d'application du decanteur 'Secla ment d'effluents de l'industrie pape		te
Stability of Corpus Christi Water		pens Down Hole,		Lup	W74-08419	7-16	51
	Exchange	W74-10090	7-19	96		, 10 .	-
Pass, Texas,	2 20 27	W /4-10090	7-19	90	DELACY, A. C.		
W74-10361	7-20 2L	DEIN, D.			Checklist of Puget Sound Fishes,		
DEFENBAUGH, R. E.		The Use of ERTS-1 MSS Data for	or Man	nina	W74-03060	7-06	2
	an of the				W 74-03060	/-00	2
The Occurrence and Distribution		Strip Mines and Acid Mine I	Jrainage	in	DELACUNA W		
Hydroids of the Galveston Bay, Ter		Pennsylvania,			DELAGUNA, W.		
W74-05529	7-11 2L	W74-02573	7-05	7B	Preliminary Evaluation of Meth		
EFOR B I		DEININGER R			Disposal of Tritiated Water fro	m Nuclea	rl
DEFOE, D. L.	0	DEININGER, R. A.			Stimulated Natural Gas Wells,		
Effect of Polychlorinated Biphenyl		Modeling the Regulation of Lak			W74-09837	7-19	5
on Survival and Reproduction of	the Fathead	Under Uncertainty of Future Water					
Minnow and Flagfish,		W74-05938	7-11	4A	DELANEY, A. A.		
W74-13085	7-24 5C			_	Apparatus for Removing Particular	te Matter,	
		Optimization of Water Quality Mor	nitoring	Pro-	W74-12447	7-23	5
DEGEER, M. W.		grammes,					
Natural Chloride Pollution, Arkans	sas and Red	W74-10949	7-21	5A	DELARUE, A. P.		
River Basins,					Multiple Planning for Multiput	rpose Wa	te
W74-05742	7-11 5B	Systems Analysis for Environment	tal Pollu	ition	Resource Systems: A Structure		
		Control,			Water Resource Development,	tor Region	124
DEGEN, I.		W74-05387	7-10	5G	W74-06106	7-12	e
Water Problems of the Tisza River	in Hungary				W /4-00100	7-12	0
and Cooperation Among Tisza Bas	in Countries	DEITCHMAN, R.			DELEVAUX, M. H.		
in the Field of Water Managemen		Panel Review and Commentary,					
problemy reki Tisy v Vengrii i soti		W74-08172	7-16	6E	Uranium, Thorium, and Lead C		
stran basseyna Tisy v oblasti voo					in Three Silicate Standards and	a Method	-
vayst va),	TON OBOIL	DEJAGER, J. M.			Lead Isotopic Analysis,		
W74-04574	7-09 4A	Effect of Moisture Stress Upon Ma	aize Pro	duc-	W74-07947	7-15	2
W 14-04514	1-09 41	tion and Its Economic Significance,					
DEGENS, E. T.		W74-03948	7-08	3F	DELFEL, N. E.		
The Amino Acid and Sugar Con	nnosition of				Gas-Liquid Chromatographic Det	ermination	•
Diatom Cell-Walls,	iiposition of	DEJOUX, C.			Rotenone and Deguelin in Plant	Extracts a	AT
W74-00240	7-01 5C	Hydrobiological Investigation of	Lake 1	I.ere	Commercial Insecticides,		
W /4-00240	7-01 SC	(Chad) and Nearby Ponds: IV.			W74-05495	7-11	5
Recent Sediments of Black Sea,		Fauna.	THE DE	ittiile			
	2 22 21	W74-00502	7-01	211	DELFINO, J. J.		
W74-12380	7-23 2J	W 74-00302	7-01	ZH	The Assessment of Environme	ntal Impac	ct
DEGLORIA, S. D.		Large Ecological Zones of Lake	e Chad	(In	Water Quality and Quality Ass		
	auras Ilaina	French),	o Cinad,	, (21)	siderations,	diance Co	9
Monitoring California's Forage Res		W74-13356	7-24	211		7.21	
ERTS-1 and Supporting Aircraft Da		W /4-13330	1-24	ZH	W74-10952	7-21	3
W74-01675	7-04 4A	A Study of the Communities of I	nverteh	rotes	DELICIE C E		
DECEMBER TOWNSON W. T.		of Plants of Lake Chad: Prelimina			DELISLE, C. E.		
DEGRAFT-JOHNSON, K. T.	m 101		ary mqu	mes,	Henneguya Sp. (Sporozoa: Myxos		
Estimation of Domain Means Using	g Iwo-Phase	(In French),			Probable Cause of Death of E	sox Niger	
Sampling,		W74-07538	7-14	ZH	Brome Lake, Quebec,		
W74-01498	7-03 7B	DEVENOED W D			W74-03025	7-06	2
		DEKEYSER, W. R.					
DEGREMONT, A. A.		Steel Pipeline Design,			DELL, B.		
Attempt at Mollusk Control by Ir		W74-11119	7-21	8A	Aquatic Midge Larvicides, Their	Efficacy a	aı
Planktonic Biomass and by Mollus	cicidal Treat-				Residues in Water, Soil, and Fis	h in a War	rı
ment: The Urea-N-Tritylmorphol	ine Associa-	DEKLERK, C. A.			Water Lake.		
tion (In French),		Occurrence and Distribution of the			W74-09443	7-18	5
W74-02226	7-05 5C	loxera, Phylloxera vitifoliae (Fitch					-
		fants River Irrigation Area, Northw	vestern (Cape	DELLEUR, J. W.		
Preliminary Results of the Proje		Province,			Application of Seasonal Paran	netric I in	P
trolling and Preventing Schistoson		W74-07356	7-14	3F	Stochastic Models to Monthly Flo		-
Lower Mangoky (Malagasy Republ							
W74-00992	7-02 5F	DEL BALZO, D. R.			W74-10053	7-19	6
		Holographic Microscopy of Diatom	ns,		Companies of Briefell Burnett	Madel	,
DEGUIRE, M. F.		W74-00247	7-01	5C	Comparison of Rainfall-Runoff	Models	1
A Study of the Eutrophication of	the Surface				Urban Areas,		
Waters of Dunemid Lake		DEL MORAL R			W74-07463	7-14	2

aters of Pyramid Lake, W74-08938 7-17 5C

DEGURSE, P. E.

Mercury Levels in Fish from Selected Wisconsin Waters (A Preliminary Report), 7-18 5A W74-09371

DEHMANN, E. H.

Simulation of Urban Runoff, Nutrient Loading, and Biotic Response of a Shallow Eutrophic Lake, W74-06564 7-13 5C

DEHNAM, D. H.

Failure of 307 Basin Transfer Line and Resultant Ground Contamination, 7-19 5B W74-10127

The Vegetation of Findley Lake Basin, 7-03 5C W74-01587

DEL RIO, F.

Human Factors Involved in the Development of a Watershed in Yabucoa, W74-03325 7-07 6B

A Critical Study of Methods in Numerical Taxonomy: The Classification of Aquatic Bacteria, (In French), W74-13487

DELACHANAL, M.

Examples of the Use of the 'Seclar' Decanter in Treating Paper Industry Effluents (Exemples

A Computer Atlas of Hydrologic and Geomorphologic Data for Small Watersheds in Indiana, W74-07432

Evaporation, Infiltration and Rainfall-Runoff Processes in Urban Watersheds, W74-05405 7-11 2A

Generation Models for Synthetic Annual and Monthly Flows for Some Indiana Watersheds,

W74-07431 7-14 2A

A Rainfall-Runoff Model Based on the Watershed Stream Network, W74-07464 7-14 2A

DELOGE, K.	DEMORY, D.	DENNING, J. L.
Lipopolysaccharide from a Gram-Negative Marine Bacterium,	1971 Tillamook Bay Resource Use Study, W74-09085 7-17 6B	A Comparison of Hydraulic Conductivities Cal- culated with Morphometric and Physical
W74-04896 7-10 5A		Methods,
DELUCA, F. A.	1971 Umpqua River Estuary Resource Use Study.	W74-06899 7-13 2G
Groundwater Contamination in the Northeast	W74-09069 7-17 6B	DENNIS, A.
States, W74-11806 7-22 5B	DEMOVED B	Spectrophotometric Determination of Low Levels of Mono-, Di-, and Triethylene Glycols
	DEMOYER, R. Mathematical Modeling for Status Prediction	in Surface Waters,
DELUCA, R. Analytical and Experimental Studies of	and Control of Water Distribution Systems,	W74-05290 7-10 5A
Reverse Osmosis Systems,	W74-04320 7-09 4A	DENNIS, R. F.
W74-00039 7-01 3A	DEMOYER, R. JR.	Pump Selection - A Manufacturers Viewpoint,
DELUCIA, R.	An Application Study in Water Distribution	W74-10842 7-20 8C
A Water Quality Simulation Model,	Control,	DENNISON, B. A.
W74-02683 7-06 5B	W74-03755 7-08 8C	A Device for Alleviating Supersaturation of
DEMANCHE, J. M.	A Statistical Approach to Dynamic Modeling	Gases in Hatchery Water Supplies, W74-11941 7-22 5C
An Automated Analysis for Urea in Seawater,	and Control of Water Distribution Systems,	W/4-11941 /-22 SC
W74-02421 7-05 5A	W74-02673 7-06 4A	DENNY, J. L.
DEMARD, H.	DEMPSTER, G. R. JR.	A Stochastic Model of Streamflow Based on the Theory of Functions of Markov Processes,
Computer Oriented Approach of a Water Dis-	Distribution of Radionuclides in the Columbia	W74-01123 7-03 2E
tribution System, W74-12142 7-23 4A	River Streambed from the Nuclear Reactors,	DENNY, R. L.
	Hanford Reservation to Longview, Washing- ton,	Determination of Total Mercury in Air by
Water Demand of Single Dwelling Residences (Demande en eau de residences unifamiliales),	W74-06272 7-12 5B	Charcoal Adsorption and Ultraviolet Spec-
W74-02045 7-04 6D		trophotometry,
DPM AVO	Effects of Urbanization on Floods in the Dal-	W74-11363 7-21 5A
DEMAYO, A. Storage and Processing of Water Quality Data,	las, Texas, Metropolitan Area, W74-04483 7-09 4C	DEPRIMO, M. J.
W74-01293 7-03 7C	1.7.4.1.0	Odors Emitted from Raw and Digested Sewage Sludge,
DEMEREE, F.	DENCE, C. W.	W74-07960 7-15 5D
Proposition OneFor New York's Environ-	The Characterization of Spent Alkali/Oxygen Bleaching Liquor,	
ment,	W74-12943 7-24 5A	DERBYSHIRE, W. NMR Studies of Water Adsorbed on a Number
W74-13222 7-24 5G		of Silica Surfaces,
DEMICHELE, E.	DENCH, N. D. Casing String Design for Geothermal Wells,	W74-06405 7-12 2K
The Need for an Indicator Virus in Water	W74-09032 7-17 8A	DERIENZO, P.
Quality Testing, W74-08880 7-17 5A		The Estuary and Industrial Wastes: Power
	Well Measurements,	Plants,
DEMIN, A. I. Acclimatization of Introduced Fish Species in	W74-11760 7-22 4B	W74-11869 7-22 5D
the Eravninsk Lakes (Buryat Assr), (In Rus-	DENEKE, C. F.	DERIKX, L.
sian),	Lipopolysaccharide and Proteins of the Cell	Glacier Discharge Simulation by Ground-Water Analogue,
W74-08129 7-15 8I	Envelope of Vibrio Marinus, A Marine Bacteri- um,	W74-09327 7-18 2C
DEMIN, N. A.	W74-06028 7-12 5A	
Sanitary Evaluation of Water Quality in the Ini-		DERJUGINA, Z. Investigation of the Microflora of Swamp Ore
tial Operating Phase of the Vyacheslav Reser- voir, (In Russian),	DENHAM, D. H. Radiological Evaluations for Advanced Waste	and Lake Water by the Method of Electron
W74-13364 7-24 5B	Management Studies.	Microscopy, (In Russian),
Sanitary-Hygienic Evaluation of the Water	W74-05176 7-10 5B	W74-04292 7-08 5A
Quality of the Nura Water Conduit of the	DENHARTOG, S. L.	DEROVER, J.
Tselinograd District (In Russian),	Icebreaking by Tow on the Mississippi River,	U.S. Deepwater Port Study, Vol. 2. Commodity
W74-08052 7-15 5A	W74-13170 7-24 2C	Studies and Projections, W74-06863 7-13 6D
DEMIRJIAN, Y. A.	BENNE B	
Muskegon County Wastewater Management	DENIS, F. Microbiological Comparison Between a Few	U.S. Deepwater Port Study, Vol 3. Physical Coast and Port Characteristics, and Selected
System No I, W74-10976 7-21 5D	Aquatic Mediums, (In French),	Deepwater Port Alternatives,
	W74-08669 7-16 5C	W74-06864 7-13 6D
DEMIRLICAKMAK, A. Wheat Production Problems and Potentials on	DENISOVA, A. I.	DERRINGTON, R. E.
Drylands,	Techniques in Forecasting Content of Organic	Enhancing Trickling Filter Plant Performance
W74-05221 7-10 3F	and Biogenic Substances in Water of Existing	by Chemical Precipitation,
DEMOKIDOVA, N. K.	and Proposed Water Bodies (K metodike prog-	W74-00835 7-02 5D
Experimental Investigations of the Biological	nozirovaniya soderzhaniya organicheskikh i biogennykh veshchestv v vode sushchest-	DERRYBERRY, O. M.
Activity of Organophosphorus Complexones,	vuyushchikh i proyektir uyemykh vodoyemov),	Investigation of Mercury Contamination in the Tennessee Valley Region,
W74-01797 7-04 5B	W74-03535 7-07 2H	W74-06780 7-13 5E
DEMORRETES, B. L. AND	DENNER, W.	
Contribution to Knowledge about the Leaf Anatomy of Species of a 'Caatinga' of the Rio	Processes Affecting Seawater Characteristics	DERYCKE, R. J. Ocean Current Monitoring Employing a New
Negro (Amazon), (In Portuguese),	Along the Oregon Coast,	Satellite Sensing Technique,
W74-04682 7-09 2I	W74-00520 7-01 2E	W74-01876 7-04 2E

DERZANSKY, L. J.

DERZANSKY, L. J. Analytical and Experimental S	Studies of	DEUSER, W. G. Evolution of Anoxic Conditions in Black Sea	DEVRIES, R. N. Reading Pump Curves,
Reverse Osmosis Systems,	7-01 3A	During Holocene,	W74-10833 7-20 8C
W74-00039	7-01 3A	W74-12375 7-23 5B	Sensitivity of Groundwater flow Models to Vertical Variability of Aquifer Constants,
DERZHAVETS, A. V. Propelling Arrangement for Oil and	nd Garbage	DEUTSCH, D. J. Combined Sewer Overflow for The Hudson	W74-01151 7-03 4B
Skimmer Craft, W74-11404	7-21 5G	River Conference, W74-05112 7-10 5D	DEVYATKIN, V. G.
DESA, R. J.			Effect of Heated Water from Konakov Hydro- Electric Station on Oxygen Content and
An On-Line Spectrophotometer for		DEUTSCH, M. Operational and Experimental Remote Sensing	Development of Phytoplankton in
of Manipulation of Absorbance Spec W74-00272	7-01 7C	in Hydrology, W74-04570 7-09 7B	Ivan'Kovskoe Reservoir During Winter, (In Russian),
DESAI, B. M.			W74-02244 7-05 5B
Economics of Resource Use on Sai	mple Farms	Survey of Remote Sensing Applications, W74-09899 7-19 7B	DEWALLE, D. R. Effect of Partial Vegetation and Topographic
of Central Gujarat, W74-01491	7-03 3F	DEV. G.	Shade on Radiant Energy Exchange of
DESAI, C. M.		Effect of Nitrogen and Phosphorus at Two	StreamsWith Applications to Thermal Load- ing Problems,
Seepage in Mississippi River Banks	: Report 1,	Moisture Levels on the Status of the Available	W74-12598 7-23 2D
Analysis of Transient Seepage	Using a	Zn, Cu, Mn and Fe in the Soil, W74-10918 7-21 5B	DEWALLE, F. B.
Viscous-Flow Model and the Finite and Finite Element Methods,	Difference		Character and Significance of Highway Runoff
W74-11989	7-22 4A	DEVAI, G. Data on the Hydrobiological Status of the	WatersA Preliminary Appraisal,
DESAI, C. S.		Bodrog River Backwater at Sarospatak: II.	W74-11775 7-22 4C
Approximate Solution for Unconfine	ed Seepage.	Hydrochemistry,	DEWAN, A. K.
W74-06338	7-12 4A	W74-13385 7-24 2K	Analytical and Experimental Studies of Reverse Osmosis Systems,
DESBRANDES, R.		Debrecen Area Inland Waters: Hydrobiological	W74-00039 7-01 3A
37 Ways to Improve Your Well Con		Approach: Influence on Water Quality of Main Eastern Irrigation Canal with Reference to	DEWEY, M. R.
W74-07870	7-15 8G	Debrecen's Drinking and Industrial Water	Notes on the Upper Lethal Temperature of the
What's New in Downhole Operating	g Technolo-	Supply,	Duskystripe Shiner, Notropis Pilsbryi, and the Bluegill, Lepomis macrochirus,
gy, W74-00950	7-02 8G	W74-02543 7-05 5C	W74-06037 7-12 5C
		Hydroecological Studies of the Water Bodies	DEWITT, H. F.
DESHPANDE, A. W. Bituminous Coal - A Substitute for	Anthracite	of the Bukk and Zemplen Mountains: II, W74-13388 7-24 2K	Flood Control Project Maintenance and Repair
Filter Media in Two-Layer Filtration	n of Water,		1971 Inspection Report, W74-01945 7-04 8D
W74-08350	7-16 5F	Some Hydrobiological Problems of the Ground- water Enrichment at the Budapest Metropolitan	
DESIKACHARY, T. V.		Waterworks,	DEWITT, P. The Hydrography of the Broadkill River Estua-
Status of Classical Taxonomy, W74-12584	7-23 5C	W74-13383 7-24 5C	ry, Delaware,
	1-23 30	DEVAI, I.	W74-05122 7-10 2L
DESIROTTE, N. Restructuring of River Banks and	Secondary	Data on the Hydrobiological Status of the	DEWITT, R. H.
Pollution: Study of Eutrophication		Bodrog River Backwater at Sarospatak: II. Hydrochemistry,	Groundwater Geology of Fort Valley,
Areas, (In French),		W74-13385 7-24 2K	Coconino County, Arizona, W74-07092 7-14 4B
W74-05950	7-11 5C	Hydroecological Studies of the Water Bodies	DEWLING, R.
DESPOIS, J.		of the Bukk and Zemplen Mountains: II,	Oil Spills, Hazardous Materials Spills, Vessel
The Crisis of the Saharan Oases, W74-06481	7-12 6B	W74-13388 7-24 2K	Protection, and Ocean Dumping,
		DEVINE, D. J.	W74-10772 7-20 5G
DETERS, E. M. Iron Removal Filter System,		The Protection of Maritime Environment by	DEY, N. N. Radioruthenium in Aquatic Environment of
W74-03002	7-06 5F	the Courts of Third States: Some Difficulties, W74-10521 7-20 6E	Trombay,
DETHIER, B. E.			W74-02058 7-04 5B
Phenology Satellite Experiment,		DEVINE, J. M. Determination of Trichlorfon (0,0-Dimethyl	DEYOE, C. W.
W74-01682	7-04 4A	(2,2,2-Trichloro-1-Hydroxyethyl)Phosphonate)	Investigations of Nutrition and Metabolism of
DETHLEFSEN, V.		in Forest Environmental Samples,	Catfish and Utilization of Fisheries Products, W74-03802 7-08 81
Problems With Dumping of Red M low Waters. A Critical Review		W74-03588 7-07 5A	DHARMAWARDENE, M. W. N.
Literature,	or believed	DEVINE, S. B.	Glutamine Synthetase of the Nitrogen-Fixing
W74-13091	7-24 5C	The Significance of Ion Exchange to Interstitial Solutions in Clayey Sediments,	Alga Anabaena cylindrica. W74-00717 7-02 5C
DEUBERT, K. H.		W74-04268 7-08 2K	
Polychlorinated Biphenyls in t Acanthaster Planci,	the Seastar	DEVITT, A. C.	DHILLON, K. B. S.
W74-05301	7-10 5A	The Effect of Waterlogging on the Mineral	A Contribution to the Botany of Ganganagar District, North Rajasthan,
DEUFEL, J.		Nutrient Content of Trifolium Subterraneum, W74-07355 7-14 3F	W74-07357 7-14 3F
Direct Counts and Plate Counts of	Bacteria in		DHILLON, R. S.
the Danube between Berg Spring	and Ulm (In	DEVOE, I. W. Dissociation in a Marine Pseudomonad,	The Influence of Fertilizers and Irrigation on
German), W74-05362	7-10 5A	W74-03566 7-07 5A	Growth and Yield of Sweet Potato, W74-01989 7-04 3F

7-07 5A

7-10 5A

DICKINSON, N. J.

DHOND, P. V.

DIERKSHEIDE, W. C.

Mesityl Oxide as an Extracting Agency I	Africa,	opment and Urban I	Development	ı ın	Associated Organeties in the Blue-Green Anacystis Nidulans,	Alga,
Beryllium, W74-00280 7-01 2			7-22	6B		5C
DHOPLE, A. M.	DICKINSON, V	V. T.			DIETERICH, P. D.	
Quantitative Extraction of Adenosi		ition and Storage	for Resear		Sampling and Flow Measuring Device,	
Triphosphate From Cultivable and Host-Grov						7B
Microbes: Calculation of Adenosi			7-03			
Triphosphate Pools,	DICKICON D	n n			DIETRICH, M. W.	
W74-03570 7-07	A DICKISON, R.	B. B. Planning and the Fe	and Industry		Determination of Trace Organic Componer	nts in
DI CODCIA	Compromise		olest industr	1 y	Aqueous Wastes, W74-10974 7-21	cn.
DI CORCIA, A. Determination of Trace Amounts of C2-	*******	or conflict,	7-12	6B	W /4-109/4 /-21	5B
Acids in Aqueous Solutions by Gas Chromato	0.				Determination of Trace Organics in Air	and
raphy,	DICKISON, W				Water,	
W74-05314 7-10		e Lake Ontario Basi	in Using ERT	TS-	W74-03576 7-07	5A
	W74-02599	ltitude Data,	7-05	7D	DIETRICH, T. L.	
DI GIANO, F. A. Mathematical Modeling of Nutrient - Trai			7-05	/ D	Hydrologic Effects of Patch Cutting	e of
port,	DICKMAN, M				Lodgepole Pine,	
W74-01121 7-03		Periphytic Algae F		car-		4C
	bonate Addi	tions to a Small Stre		**		
DI GREGORIO, D.	W74-06087		7-12	30	DIGIANO, F. A.	
Aeration Apparatus,	_ Total Diss	olved Electrolyte	Effects	on	A Computer Model For Evaluating Comm Phosphorus Removal Strategies,	unity
W74-12456 7-23	Periphyton,					5D
DI GREGORIO, D. JR.	W74-02990		7-06	5C	1-44	-
Ultrafiltration Water Treatment,	DICKS, J. B.				Wastewater Treatment: Physical and Che	mical
W74-09636 7-18		al Power: A Status I	Report		Methods,	
DILLUMO N. D.	W74-02871		7-06	5B	W74-12934 7-24	5D
DI LUZIO, N. R. Bacterial Endotoxins in the Environment,					DIGIROLAMO, R.	
W74-00618 7-02	DICKSON, K.				Recovery of Bacteriophage from Contami	nated
7.02	W74-00247	Microscopy of Diat	7-01	**	Chilled and Frozen Samples of Edible	West
DI TORO, D. M.			7-01	36	Coast Crabs,	
Dynamic Water Quality Forecasting a	Maple Diolo	gical Monitoring Sy			W74-00613 7-02	5A
Management, W74-00927 7-02		uatic Community	Structure	in	DIJON, R. E.	
W 74-00927 7-02	Receiving 5	ystems,	7 22		Transfer of Water Resources Know	ledge
DICK, N. P.	W74-12184		7-23	3A	Through the United Nations Tecl	nnical
Maximum Likelihood Estimation for Mixtu	Dystems su	nulation of the eff			Assistance Activities,	104
of Two Normal Distributions,		r carbon, nitrogen,			W74-00226 7-01	10A
W74-04898 7-10	temoral ap	on primary produc			DIKOROV, V. A.	
DICK, R. I.		ommunity structure ophic communities			Dense Local Plantations of Pines in	the .
Wastewater Treatment: Sludge Treatme	nt, model stream		3 III TECETY	· mg	Northern Kazakhstan (In Russian),	
Utilization, and Disposal,	W74-07337		7-14	5C	W74-05354 7-10	4A
W74-12938 7-24		Makin Valantan	C T.		DILIUNAS, J.	
DICK, T. M.		a Mobile Laboratory sponse of Fish,	y to Study 16	em-	Prospects of Groundwater Use in the N	
Interfacila Shear Stress in Density Wedges,	W74-11297	ponse of Fish,	7-21	5C	and Neris River Valleys (Perspe	
W74-12096 7-23	8B				ispol'zovaniya podzemnykh vod rech	nykh
DICKER, D.	DIEBLER, H.				dolin Nyamunas i Neris), W74-11447 7-21	4B
Two-Dimensional Seepage in Layered So		e-Controlled Fluid em of an Auto			1-21	4B
Destabilizing Effects of Flows with an U		em or an Auto	mateu 5am	upic	DILL, C. E. JR.	
steady Free Surface,	W74-13258		7-24	7B	Holocene Sedimentary Environment of TI	ne At-
W74-12315 7-23	2G				lantic Inner Shelf Off Delaware,	0 37
DICKERSON, W. H.	DIEHL, W. T.	tive Study of Plank	ton Desnies	tion	W74-10669 7-2	2J
Stream Flow Characteristics of: Greenbe		olluted Lake and Its			DILLARD, J. W.	
River Sub-Basin,	bayments,	Onuted Lake and Its	s Acid Fice I	Lin	Determination of the Complexing Capac	ity of
W74-12323 7-23	7C W74-03935		7-08	5C	Natural Water,	
DICKEY, G. L.	DIEVED :				W74-04312 7-09	9 2K
Development of an Agricultural Drains	DIEKER, J.	ric Titration of M	lercury(II) w	with	DILLE, R. M.	
Guide,		A and Trien in the			Continuous Process for the Air Oxidati	on of
W74-07438 7-14			7-05		Sour Water,	
Davis Installation for Mitarta Dadout's	DIENED P				W74-02041 7-04	4 5D
Drain Installation for Nitrate Reduction, W74-00398 7-01	DIENER, R. A Observation	s on the Hydrology	and Marine	Or-	DILLEY, A. C.	
7-01		the Tidal Colorado			The Estimation of Net Radiation and Po-	tential
DICKEY, J. W.		rs, Texas, February			Evapotranspiration Using Atmometer Me	
Minimizing Water and Sewer System Co			7-24	5B	ments,	
Using Topaz,	6A DIENZER, M.				W74-04129 7-00	8 2D
W74-09658 7-18		anic Contaminant	s in Drink	king	DILLMAN, R. D.	
DICKINSON, B. J.		r Concentration by			Digital Land Use Mapping in Oakland Co	ounty,
Sea Wall Construction,	sis,				Michigan,	
W74-10594 7-20	8A W74-10982		7-21	5F	W74-06639 7-13	3 4A

DILLON, A.

DILLON, A. Comparing the Quality of Our Waters,	Effects of Permafrost on Stream Flow Charac- teristics in the Discontinuous Permafrost Zone	Mathematical Simulation of Tidal Time- Averages of Salinity and Velocity Profiles in
W74-02428 7-05 5A	of Central Alaska, W74-04392 7-09 2C	Estuaries, W74-03348 7-07 2L
DILLON, C. P.	W 74-04392 7-09 2C	W 74-03346 7-07 ZL
Corrosion by Waters,	The Water Balance in Arctic and Subarctic Re-	DITOMMASO, A.
W74-07890 7-15 8G	gionsAnnotated Bibliography and Preliminary	Role of Bacteria in Decomposition of Injected
	Assessment,	Liquid Waste at Wilmington, North Carolina,
DILLON, E. S.	W74-04601 7-09 2C	W74-03246 7-07 5B
Maritime Administration Pollution Abatement	DINMAN P D	
Program,	DINMAN, B. D. Biological Effects of Mercury Compounds,	DITORO, D. M.
W74-10770 7-20 5G	Discussion Paper,	Mathematical Modeling of Eutrophication of
DILLON, M.	W74-06814 7-13 5C	Large Lakes,
Storm Drainage Systems Design Made Adapta-	7-15 50	W74-03537 7-07 5C
ble for Computers,	The Dose-Response Relationship Resulting	DITTON, R. B.
W74-10916 7-21 4A	from Exposure to Alkyl Mercury Compounds,	Investigation of a Northeastern Wisconsin
	W74-06805 7-13 5C	Lake Ecosystem: An Interdisciplinary Ap-
DILLON, R. L.	Surface Electromyography in Chronic Inor-	proach. Phase II-Management Problems and
Decontamination and Densification of Chop-	ganic Mercury Intoxication,	Alternatives,
Leach Cladding Residues,	W74-06801 7-13 5C	W74-02662 7-06 6B
W74-13107 7-24 5D		DISTRICT A D
DILNEY, E.	DINWIDDIE, G. A.	DITTRICH, T. R.
Crude Oil Sweep Dredge,	Hydraulic Testing Accompanying Drilling of	Analysis of Trace Metal Particulates in At-
W74-10030 7-19 5G	Five Exploratory Holes, Piceance Creek Basin,	mospheric Samples Using X-Ray Fluorescence,
	Colorado, W74-00299 7-01 2F	W74-07709 7-15 5A
DIMAKSIAN, A. M.	W74-00299 7-01 2F	DITWILER, C. D.
The Analysis of Float and Hydrostatic Level	Use of Hydrochemistry for Interpreting	Distributional Consequences of Recreation
Gauges and the Choice of Optimal Values of	Ground-Water Flow Systems in Central	Provision in Water Resource ProjectsThe
Their Basic Elements,	Nevada,	Potholes Reservoir,
W74-11494 7-22 7B	W74-08453 7-16 2F	W74-10550 7-20 6B
The Criterion of Information Sufficiency with		
Automation of Hydrological Measurements,	DION, N. P.	DIVOKY, D.
W74-11561 7-22 7B	An Estimate of Leakage From Blackfoot Reservoir to Bear River Basin, Southeastern	Edge Bores,
	Idaho.	W74-04948 7-10 8B
DIMITROV, M.	W74-10661 7-20 4A	DIVOKY, D. AND
Mineral Fertilization of Carp Ponds in Polycul-		Shallow Water Waves: A Comparison of Theo-
tural Rearing,	A Ground-Water Monitoring Network for	ries and Experiments,
W74-12246 7-23 5C	Kootenai Flats, Northern Idaho,	W74-04609 7-09 2E
DIMMOCK, G. M.	W74-07662 7-15 7A	
Lateritic Deep Weathering of Granite,	A Proposal for the Investigation of Possible	DIX, V.
W74-05929 7-11 2G	Ground-Water Contamination in the Bangor	Contribution to the Mosquito Fauna (Diptera,
	Area, Kitsap County, Washington,	Culicidae) of the Landscapes Between the High
DINA, S. J.	W74-04491 7-09 5B	Plains of the Lower Harz Mountain, The
Carbon Dioxide Exchange by Several Stream-		Lower Valley of the Unstrut and the Mid Elbe
Side and Scrub Oak Community Species of Red Butte Canyon, Utah,	DIRKSEN, C.	River Section: 4. Results of Physical-Chemical
W74-01590 7-03 2I	Measurement of Hydraulic Conductivity By Means of Steady, Spherically Symmetric	Analysis of Larval Breeding Waters of the
W 14-01570	Flows,	Genus Aedes Meigen 1818, W74-13386 7-24 5G
Seasonal Water Potential Patterns in the Moun-	W74-06735 7-13 2G	W 14-13380 1-24 3G
tain Brush Zone, Utah,	W14-00733	DIXIT, S. P.
W74-01588 7-03 21	A Versatile Soil Water Flux Meter,	Diagnostic Techniques for Evaluating Irrigation
DINABBL C B	W74-12837 7-24 2G	Water Quality,
DINARDI, S. R.	DIRCOHI II I	W74-02083 7-04 5A
Mercury Concentrations in Tissues of Fish from the Connecticut River,	DIRSCHL, H. J. Geobotanical Processes in the Saskatchewan	
W74-11917 7-22 5B	River Delta,	DIXON, C. G.
, JB	W74-02866 7-06 2I	Thermal and Mineral Springs in Uganda,
DINEVICH, L. A.	7-00 21	W74-08978 7-17 2F
Protection Against Hailstorms in Moldavia,	DISALVO, L. H.	DIXON, J. M.
W74-10232 7-19 3B	Hydrocarbons of Suspected Pollutant Origin in	A Multidisciplinary Policy Decision Model for
DINC I V	Aquatic Organisms of San Francisco Bay:	Water Pollution,
DING, J. Y. Variable Unit Hydrograph,	Methods and Preliminary Results,	W74-11686 7-22 5G
W74-11471 7-22 2A	W74-08630 7-16 5B	
1-22 ZR	DISKIN, M. H.	DIXON, P. S.
DINGEMANN, M.	The Kernel Function of Linear Nonstationary	Effect of Phosphorus Removal Processes on
List of the Gastropods of the St. Lawrence	Surface Runoff Systems,	Algal Growth,
River in the Region of Gentilly, (In French),	' W74-12302 7-23 2E	W74-04552 7-09 SC
W74-00973 7-02 2I	DICKEY B H I	DIXON, R. M.
DINCES P	DISNEY, R. H. L.	Infiltration and Water Table Effects of Soil Air
DINGES, R. Ecology of Daphnia in Stabilization Ponds,	Observations on Sampling Pre-Imaginal Popula-	Pressure Under Border Irrigation,
W74-05048 7-10 5D	tions of Blackflies (Dipt., Simuliidae) in West Cameroon,	W74-07301 7-14 3F
7-10 3D	W74-02108 7-04 7B	7-14 31
DINGMAN, S. L.		DIZON, A. E.
Development of a Snowmelt-Runoff Model for	DITMARS, J. D.	Long-Term Olfactory 'Memory' in Coho Sal-
the U.S. Tundra Biome, Progress Report,	Analytical Modeling of Estuarine Circulation,	mon, Oncorhynchus Kisutch,
W74-01094 7-02 2C	W74-00386 7-01 2L	W74-13480 7-24 5C

DJINIADHIS, G.	DOBROVOL'SKII, G. V.	DOI, K.
A New Aspect of Pollution: Increase in the	Soil of North Dagestan, (In Russian),	Deodo
Salinity of Water During Its Use in Mills (Un	W74-00986 7-02 2G	W74-1
nouvel aspect de la pollution: la salinite ajoutee	, 02 20	
a l'eau au cours de son utilisation dans les	DOBROVOLNY, E.	DOIG, N
usines).	Geology and Groundwater for Land-use	A No
W74-08404 7-16 5B	Planning in the Eagle River-Chugiak Area,	ceptab
	Alaska,	Effect
DJORDJEVIC, B.	W74-11982 7-22 4B	breve.
The Activated Sludge Process using High-Puri-	DORGON W. D.	W74-0
ty Oxygen for Treating Kraft Mill Wastewater,	DOBSON, W. D.	
W74-03068 7-06 5D	Aquaculture: Economic Feasibility in the Great	DOKOS
The Development of Matheda for the Dissers	Lakes Area, W74-05648 7-11 6B	Forma
The Development of Methods for the Planning	W74-05648 7-11 6B	ment i
of Utilisation and Protection of Yugoslav	DOCHERTY, A. C.	W74-0
Water Resources.	Analysis of Waste Waters and Interpretation of	
W74-00170 7-01 6A	the Results.	DOLAN
DJURIC, D.	W74-00779 7-02 5A	Measu
On The Determination of Turbulent Diffusivity		Stream
in Shallow Waters by Aerial Photography of	DODGE, E. R.	Comp
Floating Markers,	Application Hydrologic and Hydraulic	W74-0
W74-07316 7-14 2H	Research to Culvert Selection in MontanaVol	DOLAN
	II, Appendices,	
DMITRIEVA, S. A.	W74-11022 7-21 8B	Enhar
Higher Water Vegetation and Its Fauna of		of the
Krotowaya Laga and Kusgan Lakes (North	Application Hydrologic and Hydraulic	tector
Kulanda), (In Russian),	Research to Culvert Selection in Montana,	W74-0
W74-02901 7-06 2H	Volume 1, Report,	DOLAN
	W74-12340 7-23 8A	Beach
DMITRIYEV, A. V.	DODGE M C	Caroli
An Airborne Gamma Survey of Moisture Con-	DODGE, M. C.	
tent in the Surface Detention Layer,	SO2 Oxidation Mechanism in Olefin-NOx-SO2	W74-0
(Samoletnaya gamma-s'yemka zapasov vlagi v	Smog,	Evalu
sloye poverkhnostnogo zaderzhaniya),	W74-10966 7-21 5B	in the
W74-02307 7-05 2G	DODSON, G. J.	W74-0
	Environmental Monitoring of Toxic Materials	** /**
DO, THI THUAN BICH	in Ecosystems,	Impac
Toxicity Control of Industrial Wastewaters and	W74-12023 7-23 5B	of Em
Pesticide-Polluted Waters in Vietnam,	W /4-12023 /-23 3B	W74-6
W74-08480 7-16 5C	DOERING, E. J.	
DOLLE W. M. AND	Visual Recorder for Energize-Deenergize Cy-	Inves
DOANE, W. M. AND	cles.	Land
Mercury Removal from Waste Water with	W74-01771 7-04 7B	Volur
Starch Xanthate-Cationic Polymer Complex,		W74-4
W74-04541 7-09 5D	DOERKSEN, H. R.	
DOBBS, G. H.	The Columbia Interstate Compact: Politics of	Man's
Uptake, Metabolism and Discharge of Poly-	Water Resources in the Pacific Northwest,	Grand
cyclic Aromatic Hydrocarbons by Marine Fish,	W74-05957 7-12 6E	W74-
W74-12262 7-23 5C		
17-12-02	The Columbia Interstate Compact: Politics of	Meas
DOBBS, R. A.	Water Resources in the Pacific Northwest,	Outer
New Detector for Ion-Exchange Chromatog-	W74-07846 7-15 6E	W74-
raphy,	DOCADINA T V	-
W74-01343 7-03 5A	DOGADINA, T. V.	Seaso
7.00	Desmidiaceae of Waste Waters, (In Russian), W74-00485 7-01 5D	the O
DOBBS, T. L.	W74-00485 7-01 5D	W74-
Financing Private Water Resource Develop-	Effect of Urban Sewage on the Sanitary and	DOT . D
ment: Analysis of A State Loan Program,	Biological Regime of the Lopan River (In Rus-	DOLAR
W74-02221 7-05 3F	sian),	Paper
	W74-13401 7-24 5C	the Y
DOBRENZ, A. K.	727 50	sativa
Alfalfa Quality: Is There a Difference,	DOHADINA, T. V.	W74-
W74-03930 7-08 3F	Algae of Secondary Settling Tanks, (In Rus-	DOLEZ
	sian),	Flow
DOBRIKOVA, V. A.	W74-00730 7-02 5D	
Method for Biochemical Treatment of Industri-		W74-
al Waste Water,	Yellow-Green Algae of Wastes, (In Ukranian),	DOLGU
W74-00966 7-02 5D	W74-03919 7-08 5A	Quali
DORRIN I C	DOMERTY T P	the E
DOBRIN, L. G.	DOHERTY, T. F.	
Some Data on Sand Movement in the Amu	The Determination of Mercury in Air Samples	vody
dar'ya Valley, (In Russian),	and Biological Materials,	Malki
W74-11916 7-22 2G	W74-07710 7-15 5A	W74-
DOPPOUMOV P M	DOUEDTY W A	DOLGI

7-23 2F

Method for Computing Normal Groundwater

Discharge into Small Rivers,

W74-12331

W /4-00980	7-02	20	W /4-13413 7-2	4	5D
OBROVOLNY, E.			DOIG, M. T.		
Geology and Groundwater for			A Note Concerning the Environment	al A	Ac-
Planning in the Eagle River-Chug	iak A	rea,	ceptability of Nitrilotriacetic Acid (NTA): 1	The
Alaska, W74-11982	7-22	40	Effect of NTA on the Growth of Gymno	dini	um
W 74-11962	1-22	40	breve, W74-07775 7-1		**
OOBSON, W. D.			W 14-07775 /-I	15	36
Aquaculture: Economic Feasibility in	the C	ireat	DOKOS, J. M.		
Lakes Area, W74-05648	7-11	(D	Formation of Carbon Monoxide and Bi	le l	Pig-
W /4-03048	/-11	a.o	ment in Red and Blue-Green Algae,		
OCHERTY, A. C.			W74-04112 7-0	8	5C
Analysis of Waste Waters and Interp	retatio	on of	DOLAN, D. R.		
the Results,	7.00		Measuring the Intangible Values of ?	Vati	ural
W74-00779	7-02	3A	Streams, Part II, Preference Studie	S	and
OODGE, E. R.			Completion Report,		
Application Hydrologic and	Hydr		W74-05538 7-1	1	6B
Research to Culvert Selection in Mo	ntana-	Vol	DOLAN, J. W.		
II, Appendices, W74-11022	7-21	8B	Enhancement of the Sensitivity and Sele	ectiv	vity
W 74-11022	7-21	ob	of the Coulson Electrolytic Conductivi		
Application Hydrologic and	Hydr		tector to Chlorinated Hydrocarbon Pestic		
Research to Culvert Selection in	Mon	tana,	W74-02413 7-0	15	5A
Volume 1, Report, W74-12340	7.22	8A	DOLAN, R.		
W 74-123-40	1-23	on	Beach Changes on the Outer Banks of	No	orth
DODGE, M. C.			Carolina,		
SO2 Oxidation Mechanism in Olefin	-NOx	-SO2	W74-01179 7-0)3	2E
Smog,		en.	Evaluation of Land Use Mapping from	EF	219
W74-10966	7-21	5B	in the Shore Zone of Carets.	LI	113
DODSON, G. J.				13	4A
Environmental Monitoring of Toxic	Mate	erials			
in Ecosystems,			Impact of Beach Nourishment on Distr		
W74-12023	7-23	5B	of Emerita Talpoida, the Common Mole W74-08894		5C
DOERING, E. J.			W /4-00074 /-	. /	36
Visual Recorder for Energize-Deen	ergize	Cy-	Investigations of Marine Processes and	Coa	stal
cles,			Landforms Near Crescent City, Cal	ifor	nia.
W74-01771	7-04	7B	Volume I. Technical Discussion,		
DOERKSEN, H. R.			W74-02697 7-4	06	2E
The Columbia Interstate Compact:	Politic	cs of	Man's Impact on the Colorado River	in	the
Water Resources in the Pacific North	hwest,		Grand Canyon,		
W74-05957	7-12	6E	W74-13149 7-3	24	4C
The Columbia Interstate Compact:	Politic	cs of	Measurements of Beach Process Va	riah	les
Water Resources in the Pacific North			Outer Banks, North Carolina,		100,
W74-07846		6E		-08	23
DOCADINA T V					
DOGADINA, T. V. Desmidiaceae of Waste Waters, (In I	Duccia	n)	Seasonal Variations in Beach Profiles	Al	ong
W74-00485		5D	the Outer Banks of North Carolina, W74-03446	07	2.J
			117-054-0	01	23
Effect of Urban Sewage on the Sa			DOLAR, S. G.		
Biological Regime of the Lopan Riv	er (In	Rus-	Paper Mill Sludge Disposal on Soils: Eff		
sian), W74-13401	7.24	5C	the Yield and Mineral Nutrition of Oats	(Av	ena
	1-24	30	satival.), W74.04519	00	677
DOHADINA, T. V.			W74-04519 7-	09	5E
Algae of Secondary Settling Tanks	s, (In	Rus-	DOLEZAL, F.		
sian), W74-00730	7.02	en.	Flow of Water in Swelling Soil,		
W /4-00/30	7-02	5D	W74-12831 7-	24	2G
Yellow-Green Algae of Wastes, (In I	Jkrani	ian),	DOLCUSHEY I A		
W74-03919	7-08	5A	DOLGUSHEV, I. A. Quality of Water and Suspended Sedim	lent	e in
DOUFPTY T F			the Baksan and Malka Rivers (O ka		
DOHERTY, T. F. The Determination of Mercury in A	ir Sar	nnles	vody i vzveshennykh nanosov rek Ba		
and Biological Materials,	treit		Malki),		
W74-07710	7-15	5A	W74-11012 7-	21	5B
DOUERTY W. A			DOLGUSHIN, L. D.		
DOHERTY, W. A. Water Circulation System for Fresh	Water	Fish	Bear Glacier Has Come Alive (Lednik N	Aed:	vez-
Husbandry,	or attel		hiy ozhil),		
W74-03659	7-07	5D		05	2C
				PA-	91

DOI, K.		
Deodorization with Ozone,		
W74-13413	7-24	5D
DOIG, M. T. A Note Concerning the Environm	ental	Ac-
ceptability of Nitrilotriacetic Acid (N	NTA):	The
Effect of NTA on the Growth of Gyn breve,	nnodir	ium
W74-07775	7-15	5C
DOKOS, J. M.		
Formation of Carbon Monoxide and	Bile	Pig-
ment in Red and Blue-Green Algae,		
W74-04112	7-08	5C
DOLAN, D. R.		
Measuring the Intangible Values of	f Na	tural
Streams, Part II, Preference Str	udies	and
Completion Report,		
W74-05538	7-11	6B
DOLAN, J. W.		
Enhancement of the Sensitivity and	Select	ivity
of the Coulson Electrolytic Conduc		
tector to Chlorinated Hydrocarbon Pe		
W74-02413	7-05	5A
DOLAN, R.		
Beach Changes on the Outer Banks Carolina.	of N	orth
W74-01179	7-03	2E
Evaluation of Land Use Mapping for		
in the Shore Zone of Carets, W74-06627	7-13	4A
Impact of Beach Nourishment on I	hietriba	ition
of Emerita Talpoida, the Common M		
W74-08894	7-17	
Investigations of Marine Processes a		
Landforms Near Crescent City, Volume I. Technical Discussion,	Camo	rnia.
W74-02697	7-06	2E
Man's Impact on the Colorado Ri	ver in	the
Grand Canyon, W74-13149	7-24	AC
11 (4-15)45	1-24	46
Measurements of Beach Process	Varia	bles,
Outer Banks, North Carolina,		
W74-04205	7-08	2.3
Seasonal Variations in Beach Prof	iles A	long
the Outer Banks of North Carolina,		
W74-03446	7-07	2J
DOLAR, S. G.		
Paper Mill Sludge Disposal on Soils:	Effec	ts on
the Yield and Mineral Nutrition of O	ats (A	vena
satival.),		
W74-04519	7-09	5E
DOLEZAL, F.		
Flow of Water in Swelling Soil,		
W74-12831	7-24	2G
DOLCHEURY I A		
Quality of Water and Suspended Se	dimen	ts in
the Baksan and Malka Rivers (O		
vody i vzveshennykh nanosov rek		
Malki),		
11/74 11012		
W74-11012	7-21	5B

DOLINSEK, F.				
DOLINSEK, F.	DO	NATELLI, J.		Compositional Studies of a High-Boiling 370-
Application of the Carbon Cup Atomisati		lectrical Power Plant Driver	n by Ocean Waves	535 C Distillate from Prudhoe Bay, Alaska,
Technique in Water Analysis by Atomic-A		nd Tides,	,	Crude Oil,
sorption Spectroscopy,		74-00092	7-01 8C	W74-00258 7-01 5A
W74-04073 7-08	5A			
	DO	NCHEVA, I. AND	. Hater of Contain	DOOLY, R. L.
DOLL, R. J.		roductivity and Grain Qu		Calcium Sulfate Scale Control in High Tem-
Economic Impact of Agricultural Pollut		ewly Developed Native a arieties Grown Under Irrig		perature Desalting Processes, W74-01926 7-04 3A
Control Programs,		aneties Grown Under Irrig	gation, (in bulgari-	W /4-01920 /-04 3A
W74-09665 7-18		774-04832	7-09 3F	DOONAN, C. J.
POLOTOV V S AND		74 04032		Groundwater and Geology of Baraga County,
DOLOTOV, Y. S. AND Certain Structural and Developmental Coas	otal DO	NDERSKI, W.		Michigan,
Features in the South of the Maritime Terri	ita U	tilization of Aromatic Com		W74-11987 7-22 4B
	N	licroorganisms of a Eutroph		
ry, W74-04432 7-09	2I W	774-04295	7-08 5C	Hydrology and Recreation on the Cold-Water
		NHAM, B. J.		Rivers of Michigan's Upper Peninsula, W74-11986 7-22 6B
DOLZHENKO, I. B.		nother Rio Grande for New	Mexico.	W 74-11760 7-22 0B
Results of the Washing of Soils of Aleisk		V74-02461	7-05 3A	DOORNKAMP, J. C.
rigation System by Mineralized Waters (In R	us-			Impermanent Lakes,
sian),		NIGIAN, A. JR.		W74-09261 7-18 2H
W74-06404 7-12		imulationA Tool for	Water Resource	
DOMENICO B A		fanagement,		A Note on the Areal Distribution of Suspended
DOMENICO, P. A.		V74-07300	7-14 6A	Sediment Yield in South Africa,
On the Optimal Operation of Groundwa Basins: A Calculus of Variations Approach,		NIGIAN, A. S. JR.		W74-07177 7-14 2J
W74-01489 7-03		esticide Transport and I	Runoff Model for	DORAISWAMY, P. C.
W /4-01469 /-03	40	gricultural Lands,		Reflectant Induced Modification of Soybean
Theoretical Analysis of Forced Convect		V74-11920	7-22 5B	Canopy Radiation Balance: 1. Preliminary
Heat Transfer in Regional Ground-Water Flo	ow.			Tests With a Kaolinite Reflectant,
W74-01957 7-04	2F DO	NNAN, W. W.		W74-10668 7-20 2D
		Drainage and Water Manage		
DOMMASNES, A.	V	V74-09816	7-19 2G	DORCEY, A. H. J.
Some Heavy Metals in Sprat (Sprattus Sp		NNELLY, D. K.		Critique of Water Pollution Control Act,
tus) and Herring (Clupea Harengus) from		Nutrient Enrichment and Co	ntrol Requirements	W74-08774 7-17 5G
Inner Oslofjord),	i	n the Upper Chesapeake I		DORET, S. C.
W74-13089 7-24		Conclusions,	,,,	Characteristics of Condenser Water Discharge
DONALD, J. D.		W74-06352	7-12 5C	on the Sea Surface (Correlation of Field Obser-
The Effects of Nitrogen, Potassium, and Su	hir-			vations with Theory),
rigation on the Yield, Quality, and Composi		NNELLY, T. G.		W74-05700 7-11 5A
of Single-Truss Tomatoes,		The Effects of Authorizat		
W74-11048 7-21		ooundments on Shoreland T W74-02826	7-06 6B	DORFMAN, N. S.
		W 74-02820	7-00 OB	Who Bears the Cost of Pollution Control. The
DONALDSON, A. C.	I	ake Norman Development	al Impact Study,	Impact on the Distribution of Income of
Sediment Distribution and Evolution of T		W74-05869	7-11 6B	Financing Federally Required Pollution Con- trol,
Deltas Along a Tide-Dominated Shorel				W74-12781 7-24 6C
Wachapreague, Virginia,		Vacation Home Location:		
W74-09099 7-17		ating the Residential Dev Recreation Areas,	elopment of Kurai	DORHEIM, F. H.
DONALDSON, C. D.		W74-02115	7-04 6B	Hydrogeologic Considerations in Solid Waste
The Development and Preliminary Applica				Storage in Iowa: Part 1. Sanitary Landfill Site
of an Invariant Coupled Diffusion and Cher		NNELLY, T. G. AND		Selection: Part 2. A Method of Hazardous and
try Model,	1	Multipurpose Reservoirs an	nd Urban Develop-	Toxic Waste Disposal,
W74-01095 7-02		ment,		W74-04592 7-09 5E
	,	W74-04319	7-09 6B	DORIN, G.
DONALDSON, D.	. DO	ONNER, P. J.		Co-operation for Water Protection: Eutrophica-
Progress in The Rural Water Programs of L		The Rotifers of the Subm	erged Mosses and	tion Control,
America,		Other Biotopes in the Dam		W74-06543 7-13 5C
W74-10887 7-20		Danube at the German-Au		
Progress in the Rural Water Programs of L	atin (German),		DORMAN, C. E.
America (Los Programas De Abastecimie		W74-04001	7-08 21	The Southern Monterey Bay Littoral Cell: A
Rural De Aqua De America Latina),		NAMED B		Preliminary Sediment Budget Study, W74-02695 7-06 2L
W74-10279 7-19		ONNIER, B. Use of Neritic Trophodyna	mic Chain of Mol	W 74-02093 7-00 2L
		luscs for the Study of the		DORMANDY, T. L.
DONALDSON, E. C.		Pollutants, (Utilisation	D'une Chaine	Liver Zinc in Carcinoma,
History of a Two-Well Industrial-W		Trophodynamique De Type		W74-07690 7-15 5C
Disposal System,	1	lusques Pour L'etude Des		
W74-03247 7-07		luants Metalliques),		DORN, D. A.
Subsurface Disposal of Pickle Liquor,		W74-11287	7-21 5C	The Effects of Continuous Recycling and
W74-09583 7-18	SE -	MOHIE C Z		Storage on Nutrient Quality of Dehydrated Poultry Waste (DPW),
/-18	-	ONOHUE, G. L. Harbor Pollution from Larg	a Shine	W74-09687 7-18 5D
DONALDSON, J. R.		Marbor Pollution from Larg W74-08006	7-15 5B	
Uptake of Molybdenum Marked with Mo	0-99,	** / ***00000	7-13 3B	DORNBUSCH, D. M. AND
by the Biota of Fern Lake, Washington,		OOLEY, J. E.		Benefit of Water Pollution Control on Property
Laboratory and Field Experiment,		Analyzing Heavy Ends of C		Values,
W74-05210 7-10	5C	W74-02378	7-05 5A	W74-04550 7-09 5G

DORNBUSH, J. N.	D.,	Study on the Periphytic Colonizations	-6 -	Forest Vegetation Classification and Man-	age-
Quantification of Pollutants in Agricultural I noff.	Ru-	Lateral Environment of the River Po(Italy		ment, W74-05518 7-11	70
W74-08942 7-17	5B	Italian),	,,, (111	7-11	/B
	-	W74-07702 7-1	15 2I	DOUGRAMEJI, J.	
DOROKHOV, L. A.		DOUB, W. O.		Feasibility Study for the Establishment of	Dal-
Comparative Characteristics of Desert Soils USSR and Australia, (In Russian),	5 01	The Environmental and Regulatory Aspe	ects of	maj Pilot Project, W74-13346 7-24	-
W74-04998 7-10	2G	the Breeder Reactor,		W74-13346 7-24	31
7-10	-0	W74-04238 7-08	8 5B	The Improvement of Poor Structured B	asin
DOROUGH, H. W.		DOUGAL, M. D.		Depression Soils at Fudhaliya Experime	
Biological Aspects of Agriculture's Effects	on	Alternative 4A: Intensive Greenbelt De	velop-	Field,	
Environmental Quality,	en.	ment as an Additional Consideration,		W74-08763 7-17	3C
W74-00396 7-01	38	W74-11604 7-22	2 6B	Sand Dune Reclamation in Iraq Pre	sent
DOROUGH, W.		Evaluation of the Groundwater Resource	in the	Status and Future Prospects,	30III
Photodecomposition of the Herbic	cide	Upper Skunk River Basin,	in the	W74-07104 7-14	21
Methazole,			2 6B		-
W74-00050 7-01	5B			DOUROS, J. D. JR.	
DORR, F. JR.		Future Water Supply Requirements and	Alter-	Controlling Algae with 5-(5 Barbiturilide	ne)-
Corrosion Control Extends Life of Increasin	nolv	native Sources of Supply at Ames, W74-11617 7-23	2 6B	Rhodanine, W74-03665 7-07	
Expensive Water Wells,	ugiy	W/4-1101/	2 OD	W74-03665 7-07	4A
W74-10839 7-20	8G	Mathematical Simulation of Stream	Water	DOUTT, R. L.	
		Quality at Ames,		Influence of Overhead Sprinkler Systems	on
DORRESTEIN, R.		W74-11619 7-22	2 6A	Spider Mite Populations in North C	oast
Wave Set-Up on a Beach,		Population Projections for Ames and the l	Reser-	Vineyards of California,	
W74-03432 7-07	2E	voir Area of Influence,		W74-01893 7-04	3F
PORRIS, T. C.		W74-11615 7-23	2 6B	DOVE, F. H.	
Biogeochemistry of a Reservoir Ecosystem,		Designal Water Streets and Water Our lite	. C	Competitive Groundwater Usage from	the
W74-11164 7-21		Regional Water Supply and Water Quality cepts and Management Alternatives,	y Con-	Navajo Sandstone,	unc
	17.77		2 6B	W74-08768 7-17	4R
Effects of Residual Toxins in Oil Refinery	Ef-			7-17	70
fluents on Aquatic Organisms,		Stream Water Quality as it is Influence	ed by	DOVZHENKO, V. K.	
W74-12348 7-23	5C	Urban Communities,		Effect of Irrigation on Dynamics of Micr	
DOSE, B. E.		W74-11618 7-23	2 6B	ganism Quantity in Dark-Brown Soils	in
Energy Production,		Urban Flood Damages,		Southern Ukraine, (In Ukrainian),	
W74-07967 7-15	6D		2 6B	W74-07279 7-14	2G
	-	BOUGAN I		DOW, R. L.	
DOSHI, M. R.		DOUGAN, J. Detection and Quantitative Measureme	ant of	Fluctuations in Gulf of Maine Sea Tempera	ture
An Improved Mixing Length Theory of Tur	rbu-	Fecal Water Pollution Using a Solid-Inj		and Specific Molluscan Abundance,	
lent Heat and Mass Transfer,		Gas Chromatographic Technique and		W74-08145 7-15	21
W74-04231 7-08	88	Steroids as a Chemical Index,			
DOSHI, R. MEHANDRA		W74-03887 7-08	8 5A	DOWELL, C. L.	
Analytical and Experimental Studies	of	DOUGHERTY, C. T.		Dams and Reservoirs in Texas: Part II, W74-03375 7-07	
Reverse Osmosis Systems,		Water Relations of Wheat as Affected	hy Ir-	W74-03375 7-07	8A
W74-00039 7-01	3A	rigation and Nitrogen Fertilization,	0, 1.	DOWIDAR, A. R.	
DOSKOCH, YA. E.			4 3F	Studies on the Biology and Control	of
Dependence of Plant Thermoresistance	0.0	DOUGHERBEN L.C.		Vaucheria dichotoma Found in Freshwater	rs in
Thermodynamic Properties of Soil Moiste		DOUGHERTY, J. C. Oil, Gas, and Water Law-Today and T	Comos	Britain,	
(In Russian),	uic,	row,	omor-	W74-00541 7-01	21
W74-06244 7-12	3F		3 6E	DOWLING, J. M.	
				A Note on the Use of Spectral Analysis to	Da
DOSS, B. D.		DOUGLAS, E. L.		tect Leads and Lags in Annual Cycles of W	
Response of Soybeans to Subirrigation,	•=	Respiratory and Circulatory Responses Hemoglobin-Free Fish, Chaenoce		Quality,	atti
W74-02082 7-04	31	aceratus, to Changes in Temperature an		W74-07522 7-14	70
DOSS, G. C.		ygen Tension,	id Ox		
Method for Making a Hollow Fiber Separat	tory		8 5C	DOWNEY, J. S.	
Element,		DOUGLAG G		Ground-Water Basic Data for Griggs and Si	teele
W74-05694 7-11	3A	DOUGLAS, G. Modular Wastewater Treatment S	System	Counties, North Dakota, W74-02776 7-06	25
DOSS, R. C.		Demonstration For The Textile Mainte		W74-02776 7-06	21
Sewage and Water Treatment with Modi	ified	Industry,		DOWNEY, L. A.	
Quarternary Salts of Vinylpyric			4 5D	Water-Yield Relations for Nonforage Crops	8,
Copolymers,		DOUGLASS 1 F		W74-05665 7-11	3F
W74-08899 7-17	5D	DOUGLASS, J. E. An Improved Methylthymol Blue Procedu	ure for	DOWNEY D. I	
		Automated Sulfate Determination.	are for	DOWNEY, R. L.	-1
DOTSON, G. K.		The state of the s	3 2K	Automated Method for Ortho-, Ortho-	
Constraints to Spreading Sewage Sludge	on			Hydrolyzable and Total Phosphate in Sur and Wastewaters,	race
Cropland, W74-11701 7-22	sn.	Watershed Values Important in Planning,		W74-08208 7-16	54
1-22	30	W74-12230 7-2	3 4D		JA
Some Constraints of Spreading Sludge	on	DOUGLASS, R. W.		DOWNING, A. L.	
Cropland,		Forest Disease Detection and Control,		Research and Development,	
W74-11838 7-22		W74-05516 7-1	1 7B	W74-13292 7-24	

DOWNING, R. A.

DOMESTIC P 4	DRAKE, J. S.	DRESNER, L.
DOWNING, R. A. Regional Development of Groundwater	Alternative Taxonomical Constructs,	One-Dimensional Analysis of Heat Dissipation
Resources in Combination with Surface Waters.	W74-11588 7-22 6B	in a Sidearm of a Cooling Lake, W74-10651 7-20 5B
W74-11464 7-22 4B	Broader Evaluation Considerations,	
BOWNS III	W74-11627 7-22 6B	DRESSLER, J.
DOWNS, W.	Indirect Economic Effects,	Planning Methodology for the Design of Re- gional Waste Water Treatment Systems,
Our Great Lakes, W74-10784 7-20 5C	W74-11590 7-22 6B	W74-13018 7-24 5D
DOYEL, W. W.	Parameter Values for Benefit-Cost Analysis,	DRESSLER, R. L.
Federal Water Information Systems,	W74-11589 7-22 6B	Deer and Rabbit Response to the Spray Irriga-
W74-00578 7-02 7C	W /4-11389 /-22 GB	tion of Chlorinated Sewage Effluent on Wild
	DRAKE, P. F.	Land,
Water Data A New Awareness,	A Case Study of the Sussex/Kent River	W74-12887 7-24 5D
W74-11205 7-21 7C	Authorities' Integrated Hydrometric Data	DRECCMAN B C
DOYLE, EDWARD C.	Processing System,	DRESSMAN, R. C. Gas Chromatographic Determination of Methyl
Ecology of Floodplain Pools in the Kaskaskia	W74-12127 7-23 7C	Mercury in Fish. Sediment, and Water.
River Basin of Illinois,	DDALEV I P	W74-03549 7-07 5A
W74-05536 7-11 2H	DRALEY, J. E. Chlorination Experiments at the John E. Amos	
DOYLE, F. J.	Plant of the Appalachian Power Company:	DREW, D. M.
Analysis of Pollution Control Costs,	April 9-10, 1973,	Simultaneous Determination of Ferrocyanide
W74-08829 7-17 5G	W74-11676 7-22 5A	and Ferricyanide in Aqueous Solutions Using
7-17 30	7 20 711	Infrared Spectrometry,
DRABEK, I.	DRANCHUK, P. M.	W74-03866 7-08 5A
MetathionA New Low-Toxicity Or-	Inertial and Slip Effects in Steady-State Radial	DREW, J. V.
ganophosphorus Insecticide,	Gas Flow Through Porous Media,	Evaluation of ERTS-1 Imagery in Mapping and
W74-01796 7-04 5B	W74-10096 7-19 8G	Managing Soil and Range Resources in the
DRABKOWSKI, E. F.	DRANOVSKAYA, L. M.	Sand Hills Region of Nebraska,
Regional Landfill and Construction Material	Spectrophotometric Determination of Hex-	W74-01674 7-04 4A
Needs in Terms of Dredged Material Charac-	achlorobutadiene (HCBD) in Soil and Water,	DREW I I
teristics and Availability: Volume 1: Main Text;	(In Russian),	DREW, L. J. Random Drilling for Water in Carbonate
Volume II: Appendixes,	W74-04293 7-08 5B	Rocks,
W74-10624 7-20 5G		W74-03141 7-06 8B
DRACUP, J. A.	DRAPER, L.	
Equilibrium Characteristics of Sand Beaches,	Waves Off Benghazi Harbour - Libya,	DREWS, E. F.
W74-00027 7-01 2J	W74-04608 7-09 2L	Self-Purification and Ciliate Colonization in
	DRAPER, L. AND	Acid Environment (Model Experiment),
Optimal Planning for a Thermal Discharge	Waves at Camp Pendleton, California,	(Selbstreinigung und Ciliatenbesiedlung in sau-
Treatment System,	W74-04607 7-09 2E	rem Milieu (Modellversuche), W74-06020 7-12 5C
W74-05933 7-11 5D		W 74-00020
Optimal Timing and Sizing of a Conjunctive	DRASKOVIC, R.	DREWS, G.
Urban Water Supply and Waste Water System	Complex Behaviour of Cobalt in the Danube	Fine Structure and Chemical Composition of
with Nonlinear Programming,	River,	the Cell Envelopes,
W74-08010 7-15 5D	W74-02373 7-05 5B	W74-12567 7-23 5C
Simulation of the Diffusion of Dissolved Salts	DRASKOVIC, R. J.	DREWS, R. J. L. C.
in Aquifers,	A Comparison of the Content of Microelements	Nitrogen Elimination by Bogus Alternation of
W74-12594 7-23 5B	in the Water of the River Danube Near Vienna	Aerobic/'Anoxic' Conditions in 'Orbal' Ac-
	and Belgrade for 1961-1970 (Ein Vergleich des	tivated Sludge Plants,
DRAEGER, W. C.	Gehaltes an Spurenelementen im Donauwasser	W74-06605 7-13 5D
Agricultural Applications of ERTS-1 Data,	bei Wien und Beograd fue 1961-1970),	DREVEUS D. A.
W74-01687 7-04 3F	W74-02436 7-05 5A	DREYFUS, D. A. Competing Values in Water Development,
DRAGASANU, S.	DRAYCOTT, A. P.	W74-05620 7-11 6B
Contributions to The Study of Sterlet	Growth of Crop Roots in Relation to Soil	
(Acipenser ruthenus ruthenus L.) Artificial	Moisture Extraction,	DRISCOLL, W.
Breeding: II. Fry and Fingerling Feeding in	W74-13414 7-24 3F	Network Flow Modeling of Multireservoir Dis-
Basins With Circular Water Flow, (In Rumani-		tribution Systems,
an), W74-11156 7-21 8I	DRAYTON, F. J. JR.	W74-09952 7-19 4A
W74-11156 7-21 8I	Water Conditioning System,	DROOP, M. R.
DRAGER, G.	W74-02031 7-04 5F	The Development of Artificial Media for
Determination of Residues of Mesurol and its	DRECHINA, L. V.	Marine Algae,
Toxic Metabolites in Plant and Animal Tissues,	Content and Composition of Organic Matter in	W74-08734 7-17 2I
W74-06128 7-12 5A	Sod Podzolic and Sod Sandy Soils of Different	Some Chemical Considerations in the Davis of
DRAKE, D. E.	Degrees of Wetting, (In Russian),	Some Chemical Considerations in the Design of Synthetic Culture Media for Marine Algae.
Distribution and Transport of Suspended Par-	W74-05237 7-10 2G	W74-08722 7-17 5C
ticulate Matter in Hueneme, Redondo, New-		7-17 SC
port, and La Jolla Submarine Canyons, Califor-	DREES, L. R.	Some Thoughts on Nutrient Limitation in
nia,	Elemental Variability Within a Sampling Unit,	Algae,
W74-01954 7-04 2L	W74-07598 7-14 2K	W74-01428 7-03 5C

DRAKE, J. F.

Coulter Counters, W74-00614

Differential Counting in Mixed Cultures with

7-02 5A

A Modified Procedure for the TTC-Dehydrogenase Test in Activated-Sludge, W74-10817 7-20 5A

DRENT, J.

DROST-HANSEN, W.

W74-11921

Biologically Allowable Thermal Pollution Limits, Part I and Part II,

7-22 5C

Surface-Groundwate	hips on	the
Eastern Dniester L poverkhnostnykh vostoke levoberezht	kh vod	
W74-00601	7-02	2A

DROZDOV, N. P.

Final Purification of Biochemically Treated Effluents from Wood Rosin Extraction Factories (Doochistka biokhimicheski ochishchennykh stokov kanifol'no-ekstraktsionnogo proizvodstva). W74-12960

Rapid Determination of Chemical Oxygen Demand in Waste Waters of Wood-Chemical Fac-(Uskorennoe opredelenie KhPK stochnykh vod ashinskogo lesokhimicheskogo kombinata). W74-06406 7-12 5A

DROZDOV, O. A.

Description of Precipitation Cycles in the USSR and Their Relation to General Circulation Cycles, W74-05566 7-11 2B

DROZDOVA, Z. K.

Survival Rate of Ascarid Eggs in the Soil and Sediment of Sewage in Ooze Area in the Volgograd Region, (In Russian), W74-13362

DRUBLYANETS, E. E.

Purification of Hydrolysis Plant Effluents from Carbohydrates (Ochistka stochnykh vod gidroliznykh zavodov ot uglevodov), W74-12963 7-24 5D

DRUCKER, H.

Environmental Chemistry, W74-09235 7-17 5B

DRUCKER, P.

Impact of a Proposed Reservoir on Local Land Values, Anthroplogical Analysis of Social and Cultural Benefits and Costs from Stream Control Measures - Phase 3, W74-00558 7-02 6B

Social and Cultural Impact of a Proposed Reservoir on a Rural Kentucky School District, W74-00557 7-02 6B

Sociocultural Impact of Reservoirs on Local Government Institutions, Anthropological Analysis of Social and Cultural Benefits and Costs from Stream Control Measures--Phase 4, W74-04311 7-09 6B

Environmental Control of Gametogenesis in Laminaria saccharina. II. Correlation of Nitrate and Phosphate Concentrations Gametogensis and Selected Metabolites, W74-00726 7-02 5C

DRUMMOND, R. A.

Cough Response and Uptake of Mercury by Brook Trout, Salvelinus Fontinalis, Exposed to Mercuric Compounds at Different Hydrogen-Ion Concentrations, W74-12507 7-23 5C

An Inexpensive Solid-State Amplifier for Detecting Movements and Electrical Potentials of Fish. W74-13482

7-24 SA

DRUMMOND, R. O.

Toxicity to House Flies and Horn Flies of Manure from Insecticide Fed Cattle, 7-01 5G

DRUSE, S. A.

Water Resources of the Powder River Basin and Adjacent Areas, Northeastern Wyoming, W74-12056

DRYDEN, F. D.

Denitrification in Granular Carbon and Sand Columns. W74-10465

DRYMAN, W. R.

Integration of Physico-Chemical and Biological Waste-Water Treatment Processes, W74-08399 7-16 5D

An Investigation into Age and Length/Mass Relationship of Tilapia Mossambica Peters (Pisces: Chichlidae) in the Loskop Dam Reservoir, Eastern Transvaal, W74-09754

Notes on the Condition Factor for Tilapia mossambica Peters (Pisces:Cichlidae) in Loskop Dam Reservoir, Eastern Transvaal, W74-09781

Notes on the Ratio Total Length/Scale Radius Tilapia Mossambica Peters of (Pisces:Cichlidae) in the Loskop Dam Reservoir Eastern Transvaal, W74-09768 7-18 8I

DUANE, D.

Water Motion and Water-Sediment Interaction, W74-09863

DUANE, D. B.

Processing and Analysis of Radioisotopic Sand Tracer (RIST) Study Data. W74-03628 7-07 21

Radioisotopic Sand Tracer Study Point Conception, California. Preliminary Report on Accomplishments July 1966 - June 1968, W74-03608

Ridge and Swale Topography of the Middle Atlantic Bight, North America: Secular Response to the Holocene Hydraulic Regime, W74-05550 7-11 21

Shifting Offshore Bars and Harbor Shoaling, W74-01191 7-03 2J

DURA A C

High-Pressure Mechanical Properties of Kayenta Sandstone, W74-11662 7-22 8F

University Research and Practice: An Institutional Confrontation. W74-09421 7-18 6E

DUBETZ, S.

Effects of Moisture Stress at Early Heading and of Nitrogen Fertilizer on Three Spring Wheat Cultivars, W74-07351

DUBINCHUK, S. N.

Experimental and Theoretical Investigations of Artificial Crystallization and Dispersal of Supercooled Clouds, W74-10234 7-19 3B

DUBININA. G.

Investigation of the Microflora of Swamp Ore and Lake Water by the Method of Electron Microscopy, (In Russian), W74-04292

DUBITSKAYA, N. I.

Utilization of White Water in Board Mills (Ispol'zovanie oborotnoi vody na kartonnykh fabrikakh), 7-14 5D W74-07397

DUBLE, R. L.

Recycling and Recovery of Nitrogen, Phosphorus, and Potassium by Coastal Bermudagrass: I. Effect of Sources and Rates of Nitrogen Under a Clipping System, W74-08327 7-16 5B

Recycling and Recovery of Nitrogen, Phosphorus, and Potassium by Coastal Bermu-dagrass: II. Under Grazing Conditions with Two Stocking Rates, W74-08328 7-16 5B

DUBNER, B. H.

Appraisal of Aquatic Preserves in Florida, W74-09285 7-18 6E

DUBOIS, E. M. R.

Apparatus for Removing a Substance Floating as a Layer on the Surface of a Body of Liquid, W74-11057 7-21 5G

Apparatus for and Method of Automatically Removing Pollutants From a Flowing Stream, W74-12453 7-23 5G

DUBOVSKA, A.

Influence of Herbicides on Microbiological Conditions. W74-02548 7-05 5B

DURUOUE, D. E.

Visual Recorder for Energize-Deenergize Cycles. W74-01771

DUCHART, P.

Distribution of Trace Metals in the Pore Waters of Shallow Water Marine Sediments, W74-00828

DUCHATEAU, G. F.

Rotary Countercurrent Solid-Liquid Extraction Apparatus, W74-13247 7-24 5D

DUCKERING, D. W.

ICE Project-Ice Crystal Inhibition-An Applications Program of Chemical Dispersal in Small Cumulus Clouds. W74-13212

DUCKSTEIN, L.

Alternative Water Resource Systems in the Lower Mekong, W74-05733 7-11 6A Alternative Water Resource Systems in the

Lower Mekong, W74-06418 Cost-Effectiveness Analysis of Disposal

Systems. W74-00184 7-01 5E

Cost-Effectiveness of Water Resources Systems Design in Developing Countries: Case of the Lower Mekong, W74-00171 7-01 6R

DUCKSTEIN, L.

Decision Analysis of a Gamma Hydrologic Variate,	land (Zagadnienia gospodarki wodnosciekowej przemysłu płyt pilsniowych na tle gospodarki wodnej w Polsce),	DUKE, P. D. Small-Volume Solid-Electrode Flow-Through Electrochemical Cells. Preliminary Evaluation
W74-12301 7-23 2B	W74-06380 7-12 5D	Using Pulse Polarographic Techniques,
A Decision-Theoretic Approach to Uncertainty in the Return Period of Maximum Flow	DUEKER, K. J.	W74-01445 7-03 7B
Volumes Using Rainfall Data, W74-03138 7-06 2A	Broader Evaluation Considerations, W74-11627 7-22 6B	Accumulation and Movement of Mirex in
Optimum Control of Irrigation Water Applica-	Project Benefit-Cost Analysis, W74-11626 7-22 6B	Selected Estuaries of South Carolina, 1969-71, W74-06054 7-12 5B
W74-01973 7-04 3F		DUKHOVNYY, V. A.
Predicting the Hydrologic Effects of Land Modifications,	DUERK, M. D. Floods in Capron Quadrangle, Northeastern Illinois,	Comparison of the Efficiencies of Vertical and Horizontal Drainage (Sravnitel'naya effektiv- nost' vertikal'nogo i gorizontalnogo drenazha),
W74-08753 7-17 4A	W74-13188 7-24 7C	W74-10939 7-21 3F
A Stochastic Snow Model to Evaluate Reser-	DUERR, A. D.	DUKLER, A. E.
voir Operation, W74-04918 7-10 4A	Hydrologic and Geologic Considerations for Solid-Waste Disposal in West-Central Florida, W74-04605 7-09 5E	Analysis of Existing Data from the San Diego Test Facility, Phase II Final Report,
Uncertainty in the Return Period of Maximum	W74-04605 7-09 5E	W74-11638 7-22 3A
Events: A Bayesian Approach, W74-03137 7-06 2B	Hydrologic Perspective of Surficial Waste Disposal,	DUKRAVETS, G. M. White Amur in the Ili River Basin, (In Rus-
DUCKWORTH, E. M. JR.	W74-13210 7-24 5D	sian),
Trajectory Sensitivity Profiles in a Class of	DUFFER, H. C.	W74-01083 7-02 8I
Distributed Optimal Water Quality Control	Soil Systems For Municipal Effluents - A Workshop and Selected References,	DUL'HEROV, O. M.
Systems, W74-12970 7-24 7B	W74-11924 7-22 5D	Effect of Irrigation on Dynamics of Microor- ganism Quantity in Dark-Brown Soils in
OUCLOS, G.	DUFFY, T. L.	Southern Ukraine, (In Ukrainian), W74-07279 7-14 2G
Appreciation of the Fitness for Utilization of the Soils of Provence.	Environmental Monitoring at Argonne National Laboratory: Annual Report for 1973,	
W74-04125 7-08 2G	W74-13114 7-24 5B	Pore Structure and Flow Properties of Porous
DUCRET, G. L. JR.	DUGAL, H. S. Color Characterization Before and After Lime	Media, W74-12814 7-24 2F
Storm of May 5-6, 1973, in the Denver Metro Area: Frequency and Effect,	Treatment,	
W74-05171 7-10 2E	W74-11793 7-22 5D	DUMANSKI, J. Ferruginous Concretions in a Poorly Drained
DUDARENKO, T. A.	DUGAN, G. L.	Soil of Alberta,
Reduction of Waste Water Pollution in Paper- board Mills (Snizhenie zagryazneniya	Photosynthetic Reclamation of Agricultural Solid and Liquid Wastes,	W74-06485 7-12 2G
stochnykhvod na kartonnykh fabrikakh),	W74-12647 7-23 5D	DUMEYER, J. M. Water in the San Luis Valley, South-Central
W74-12961 7-24 5D	Water Recycling of Sewage Effluent by Irriga-	Colorado,
DUDAREV, A. N.	tion: A Field Study on Oahu, W74-02631 7-05 2B	W74-00331 7-01 2A
Endoclave, a New Device for the Study of	W74-02631 7-05 2B	DUMONT, H. J.
Heat and Mass Transfer by Simulation of Geological Bodies and Processes Under	DUGAN, P. R. Biochemical Ecology of Water Pollution,	Limnological Aspects of Some Moroccon Atlas Lakes, with Reference to Some Physical and
Dynamic Conditions, W74-09007 7-17 2F	W74-04523 7-09 5C	Chemical Variables, the Nature and Distribu-
DUDAS, M. J.	Role of Algal and Fungal Polysaccharides in the Formation and Hydrolysis of Lake Sedi-	tion of the Phyto- and Zooplankton, Including a Note on Possibilities for the Development of an
Micro-Determination of Cation-Exchange	ments,	Inland Fishery, W74-13476 7-24 5C
Capacity by Neutron Activation Analysis, W74-07439 7-14 2G	W74-12656 7-23 5C	W 74-13476 7-24 3C
	DUGANDZIC, R. J.	DUNAWAY, P. B.
DUDDY, J. C. Self Cleaning, Tubular Solar Still,	Remote Control is Coming,	Annual Consumption of Cesium-137 and Cobalt-60 Labeled Pine Seeds by Small Mam-
W74-07207 7-14 3A	W74-04153 7-08 8C	mals in an Oak-Hickory Forest,
DUDGEON, C. R.	DUGAROV, V. I.	W74-04450 7-09 5B
Flow of Water Through Porous Media at Low	The Influence of Water Transport and Transfer of Heat by Freezing and Defrosting on Soil	DUNBAR, J. O.
Shear Rates,	Genesis,	Public AcceptanceEducational and Informa- tional Needs,
W74-12830 7-24 2F	W74-12852 7-24 2G	W74-05986 7-12 5D
DUDLEY, A. W. JR.	DUGDALE, R. C.	DUNCAN, E. R.
Neurological Changes in Cats Following Long- Term Diet of Mercury Contaminated Tuna, W74-08200 7-16 5C	Nutrient Submodels and Simulation Models of Phytoplankton Production in the Sea, W74-01804 7-04 5C	Agricultural Land Use Patterns, W74-11606 7-22 6B
		DUNCAN, J. M.
DUDLEY, W. W. JR. Seismic-Refraction and Earth-Resistivity In-	DUKE, H. R. Capillary Properties of Soils - Influence upon	Hydraulic Fracturing in Zoned Earth and
vestigation of Hydrogeologic Problems in the Humboldt River Basin, Nevada,	Specific Yield, W74-06584 7-13 2F	Rockfill Dams, W74-05855 7-11 8D
W74-03155 7-06 2F	7-15 21	RUNCAN I B

Vacuum Extractors to Assess Deep Percolation Losses and Chemical Constituents of Soil

W74-03779

DUNCAN, J. R.

W74-05720

7-08 7B

Late Quaternary Sedimentation in the Active Eastern Aleutian Trench,

7-11 2J

DUDZINSKI, A.
Water and Waste Water Management in the

Manufacture of Structural Fiberboards in Po-

The Effects of Water Table and Tide Cycle on Swash-Backwash Sediment Distribution and Beach Profile Development,	Scallops Cultivated on Algae Growth With Ar- tificial Medium and Treated Sewage Effluent, W74-07035 7-13 5C	Digital Recording of Water Levels with the Aid of Acoustics and its Application to Hydrologi- cal Pumping Tests,
W74-02716 7-06 2J	Intensive Outdoor Culture of Marine	W74-11495 7-22 7B
DUNCAN, R. D.	Phytoplankton Enriched with Treated Sewage	DURHAM, J. L.
Separation of Polyphosphates by Paper Chro-	Effluent, W74-04103 7-08 5D	Comparison of Volume and Mass Distribution
matography with a New Solvent,	W /4-04103 /-08 3D	for Denver Aerosols, W74-10968 7-21 5B
W74-01366 7-03 5A	DUONG, T. P.	W /4-10968 /-21 3B
DUNCAN, R. N.	Environmental Control of Nitrogen Fixation in	DURLEY, K. E.
The 1972 Convention on the Prevention of	Lakes, I. In situ Nitrogen Fixation by Free Liv-	The Effects of Land Use on Salmon Produc-
Marine Pollution by Dumping of Wastes at Sea,	ing Blue-Green Algae, and II. Nitrogen Fixa-	tion,
W74-09998 7-19 5G	tion by the Duckweed-Algal Association, W74-07716 7-15 5C	W74-09411 7-18 4C
	W74-07716 7-15 5C	DURRANT, M. J.
DUNGEY, M.	DUONG, V. L.	Growth of Crop Roots in Relation to Soil
Radar Studies of Urban Precipitation Anomaly,	Calculation of Water Temperature of Rivers,	Moisture Extraction,
W74-06938 7-13 2B	W74-12707 7-23 7B	W74-13414 7-24 3F
DUNHAM, F.	DUPREE, H. K.	
A Study of Commercially Important Estuarine-	Endrin Uptake and Release by Fingerling	DURRUM, E. L.
Dependent Industrial Fishes,	Channel Catfish (Ictalurus Punctatus),	Fluid Sample Analysis System,
W74-02839 7-06 6C	W74-06060 7-12 5C	W74-08914 7-17 7B
		DURST, J.
DUNKERS, K. R.	DUPRIEZ, G. L.	Comparative Study of the Effect of Some
Sewage Flocculating and Sedimentation Tank	The Evaporation from a Water PanIts Limited Significance (L'evaporation d'un bac d'eau	Anion Active Detergents on the Reproduction
Unit, W74-11410 7-21 5D	libresa signification restreinte),	of Listeria monocytogenes and Other Bacteria,
W74-11410 7-21 5D	W74-06908 7-13 2D	W74-05360 7-10 5C
DUNLAP, W. G.		NUMBER D. P.
Direct Fluorescent-Antibody Technique for the	DUPUY, A.	DURST, R. E.
Microbiological Examination of Food and En-	Application of Hydrogeological Data to Long-	A Predictive Model for Sludge Characterization Useful to Design and Control of Sludge De-
vironmental Swab Samples for Salmonellae,	Term Economics of Growing Sugar Cane in	watering Processes in Water Recycle Systems,
W74-03569 7-07 5A	Venezuela, W74-00196 7-01 10A	W74-10528 7-20 5D
DUNLAP, W. J.	W/4-00170	
Subsurface Biological Activity in Relation to	DUPUY, A. J.	DURST, W. B.
Ground Water Pollution,	Selected Water-Quality Records for Texas Sur-	The Characterization of Spent Alkali/Oxygen
W74-05230 7-10 5B	face Waters, 1971 Water Year,	Bleaching Liquor, W74-12943 7-24 5A
	W74-01086 7-02 7C	# 14-12545 1-24 SK
DUNN, G. G.	DUQUETTE, R.	DURUCAN, E.
Nitrogen Losses Through Denitrification and	Pollution Control Through Training, Education,	Geothermal Drilling and Preliminary Test
Other Changes in Continuously Aerated	and Rigorous Follow-Up,	Operations at Kizildere, Turkey,
Poultry Manure, W74-09706 7-18 5D	W74-07408 7-14 5G	W74-09029 7-17 8A
W 74-09706 7-18 3D	DURAND, J. B.	DURY, G. H.
DUNN, H. W.	Water Resources Development in the Mullica	Paleohydrologic Implications of Some Pluvial
Development of High Sensitivity X-Ray	River Basin,	Lakes in Northwestern New South Wales, Aus-
Fluorescence for Analyses of Trace Toxic Ele-	W74-02450 7-05 5C	tralia,
ments,		W74-01959 7-04 2H
W74-12028 7-23 5A	DURAND, JR.	
DUNN, R. L.	Large Ecological Zones of Lake Chad, (In French).	DUSEK, D. A.
Control of Catch-Basin Mosquitoes Using	W74-13356 7-24 2H	Evaluation of Graded Furrow Irrigation with Length of Run on a Clay Loam Soil,
Zoecon ZR515 Formulated in a Slow Release		W74-08927 7-17 3F
Polymer: A Preliminary Report,	DURANT, C. J.	
W74-12691 7-23 5G	Effects of Toxaphene Contamination on	DUSHAUSKENE-DUZH, NR. F.
BUNGAL W. A	Estuarine Ecology, W74-12592 7-23 5C	Radionuclide Uptake by Some Freshwater
DUNSON, W. A.	W /4-12392	Hydrobionts, (In Russian),
Survival of Brook Trout in a Bog-Derived	Monitoring Toxaphene Contamination in a	W74-13240 7-24 5B
Acidity Gradient, W74-04873 7-10 5C	Georgia Estuary,	DUSHKIN, M. A.
W14-04013 7-10 3C	W74-11443 7-21 5B	Catalog of USSR Glaciers. Volume 15. Altay
DUNSTAN, W. M.	DURAZO, R.	and West Siberia. No. 1. Gornyy Altay and
Chemical Survey of Waters Adjacent to	Recommendations for Installing PVC Gravity	Upper Irtysh. Part 6. Chuya River Basin
Colonels Island, Glynn County, Georgia,	Sewer Piping,	(Katalog lednikov SSSR. Tom 15. Altay i
W74-09584 7-18 5A	W74-10919 7-21 8A	Zapadnaya Sibir'. Vypusk 1. Gornyy Altay i
Comparison of Rates of Feeding and	DUDBIN T I	Verkhniy Irtysh. Chast' 6. Basseyn r. Chui), W74-11214 7-21 2C
Biodeposition of the American Oyster, Cras-	DURBIN, T. J. Digital Simulation of the Effects of Urbaniza-	7-21 20
sostrea Virginica Gmelin, Fed Different Spe-	tion on R noff in the Upper Santa Ana Valley,	DUSTMAN, E. H.
cies of Phytoplankton,	California,	Mercury in Wild Animals, Lake St. Clair, 1970,
W74-13490 7-24 2I	W74-08598 7-16 4C	W74-06776 7-13 5B
A Comparison of the Dhatasuntharia Links In	DUBCABBACADA BACAN WAN	DUTHIE, H. C.
A Comparison of the Photosynthesis-Light In- tensity Relationship in Phylogenetically Dif-	DURGAPRASADA RAO, N. V. N. Trace-Element Distribution in the Continental-	Diatom Flora of the Grand River, Ontario,
ferent Marine Microalgae,	Shelf Sediments off the East Coast of India,	Canada,
W74-10795 7-20 5C	W74-03350 7-07 2J	W74-01311 7-03 5A

DUTHIE, J. R.

DUTHIE, J. R. Detergent Developments and Their Impact on	DVOROV, V. I. Thermal Waters as a Source for Extraction of	DYUBKIN, I. A. An Algorithm for Monitoring
Water Quality,	Chemicals.	Hydrometeorological Information,
W74-01807 7-04 5C	W74-09038 7-17 2K	W74-06733 7-13 2B
DUTKA, B. J.	DWORKIN, D.	DZHABAROV, I.
Coliforms are an Inadequate Index of Water	Community Adoption of Water Reuse Systems	Effect of the Stand Density of Walnut Forests
Quality,	in the United States,	on Surface Runoff and Soil Erosion on the
W74-07885 7-15 5A	W74-10081 7-19 5D	Spurs of the Southwestern Slope of the Dar-
Studies of Rapid NTA-Utilizing Bacterial Mu-	DWORSKY, L. B.	vaza Range, (In Russian),
tant,	A Study of Potential Institutional Arrange-	W74-08137 7-15 4D
W74-01348 7-03 5B	ments for Water Quality and Water Resources	DZHABRAILOV, D. U.
DELINE C. B.	(Quantity) Planning and Management,	Surface Runoff and Soil Erosion in Foothills of
DUTT, G. R. A Computer Model for Predicting Nitrate and	W74-07051 7-14 6B	Dagestan (O poverkhnostnom stoke i smyve
Other Solutes of Agricultural Drain Water,	DWYER, R. L.	pochv v predgor'yakh Dagestana),
W74-08280 7-16 5B	A Preliminary Assessment of The Environmen-	W74-11450 7-21 2J
	tal Vulnerability of Machias Bay, Maine to Oil	DZHAKISHEV, E. G.
DUTTA, B. K. The Characteristics of the Raw Waters of	Supertankers, W74-10656 7-20 5C	The Soils of the Ural River Zone in the Gurev
Hasdeo River and Dhengur Nala at Korba (M.	W/4-10030 /-20 3C	Region and their Improvements During Irriga-
P.),	DYBBS, A.	tion, (In Russian),
W74-01240 7-03 5A	Conservation Equations for Nonisothermal	W74-05205 7-10 2G
NUMBER OF THE PA	Flow in Porous Media, W74-06892 7-13 2F	DOWN NOV D. C.
DUTTON, J. W. R. The Application of Photo-Oxidation to the	W74-06892 7-13 2F	DZHAMALOV, R. G. Water Resources of the Komi Assr and
Determination of Stable Cobalt in Sea Water,	DYCK, A. W. J.	Prospects of Their Use (Vodnyye resursy Komi
W74-05473 7-11 5A	What's New in Slime and Deposit Control,	ASSR i perspecktivy ikh ispol'zovaniya),
	W74-10293 7-19 5D	W74-10230 7-19 4A
Trace Metals in the North Sea, W74-06011 7-12 5A	DYCK, R. G.	
W74-06011 7-12 5A	Land-Use Institutions in the Washington-Bal-	DZHUMAEV, O. M.
DUURSMA, E. K.	timore Region-A Mirror for Metropolitan	Ways of Increasing the Production of Takyr Soils of the Tedzhen Delta, (In Russian),
Theoretical Experimental and Field Studies	America, W74-09414 7-18 6E	W74-08098 7-15 3F
Concerning Reactions of Radioisotopes with	W/4-09414 /-18 GE	
Sediments and Suspended Particles of the Sea. Part C: Applications to Field Studies,	DYER, I. A.	DZIUK, L. J.
W74-11670 7-22 5B	Contribution to Mineral Nutrition of Cattle	A Study of Pesticide Residue Levels and Insec-
	from Drinking Water,	ticide Resistance in Selected Aquatic Organ-
DUXBURY, A. C.	W74-02103 7-04 5A	isms Occurring Around the Bryan-College Sta- tion Agricultural Production areas,
Tidal Period Oscillations of an Isohaline Sur- face Off the Mouth of the Columbia River,	DYER, K. L.	W74-00530 7-01 5C
W74-01188 7-03 2L	An Evaluation of Water-Quality Data Obtained	
	at Four Streamflow Daily-Record Stations in Idaho.	Two Studies of Pesticide Residues,
The Union of the Columbia River and the	W74-03507 7-07 5A	W74-00529 7-01 5C
Pacific Ocean General Features, W74-01183 7-03 2L		DZYUBA, A. A.
	DYER, K. R. A Simple, Segmented Prism Model of Tidal	Groundwater of Siberia and Soviet Far East
DUXBURY, J. M.	Mining in Wall Mined Estuaries	(Podzemnyye vody Sibiri i Dal'nego Vostoka),
2,4-dichlorophenoxyacetate metabolism by Arthrobacter sp.: Accumulation of a Chlorobu-	W74 07673 . 7 15 37	W74-09936 7-19 2F
tenolide,		EADS, E. A.
W74-01550 7-03 5B	DYER, N. C. Maternal-Fetal Transfer of Organic and Inor-	A Survey of Trace Metals in Human Hair,
DVINALLY 7 T	ganic Mercury Via Placenta and Milk,	W74-09573 7-18 5B
DVIHALLY, Z. T. Hydrobiological Investigations in the Danube	W74 12405 7.22 5D	PACIFON D.C
Section Enclosed Between the 1965 and 1956		EAGLESON, P. S. Coastal Processes,
River Km (Nagymaros-Megyer Section)	DYKYJOVA, D. Growth Rate and Development of the	W74-04951 7-10 2L
(Danubialia Hungarica LVII),	Root/Shoot Ratio in Reedswann Macrophytes	7-10 22
W74-12731 7-23 2K	Grown in Winter Hydroponic Cultures,	Design of Optimal Precipitation Networks,
DVORETSKAYA, O. A.	W74-01346 7-03 2I	W74-03333 7-07 2B
Clay Minerals in Sediments From The		Equilibrium Characteristics of Sand Beaches,
Northwestern Part of The Pacific Ocean		W74-00027 7-01 2J
(Glinistyye mineraly v osadkakh severo-zapad- noy chasti Tikhogo okeana),	W74-10926 7-21 5D	
W74-10382 7-20 23	DYMOND, J.	Growth of Longshore Currents Downstream of
	Eolian Origin of Mica in Hawaiian Soils,	a Surf-Zone Barrier, W74-04324 7-09 2J
DVORNIKOVA, L. L.	W74-05136 7-10 2G	W74-04324 7-09 2J
Effect of Excess Moisture on Trace Element Distribution in Soils of Liningrad Oblast (C		Theoretical Study of Longshore Currents on a
vliyanii izbytochnogo uvlazhneniya na ras-		Plane Beach,
predeleniye mickroelementov v pochvaki		W74-04214 7-08 2E
Leningradskoy oblasti),	W74-06941 7-13 2B	EAGLESON, P. S. AND
W74-05148 7-10 2G	DYTNERSKII, YU. I.	Linear Systems Technique Applied to
DVOROV, I. M.	Purification of Effluents by Means of Reverse	Hydrologic Data Analysis and Instrument
Development of Research and Utilization of		Evaluation: A Case Study on Data from the
Geothermal Resources in the USSR,	obratnogo osmosa),	Alice Springs Area,
W74-08985 7-17 2F	W74-02258 7-05 5D	W74-04470 7-09 2A

EATON, S.K. JR.

EAK-HOUR, C.

EDDY, P. A.

Water Samples (Denombrement des Actino-	W74-06966 7-13 6E	Vicinity of Plaza, Spokane County, Washing-
mycetes Aerobies De L'eau), W74-08220 7-16 5A	EBERHARDT, L. L. Analysis of Natural Systems,	ton, W74-06436 7-12 4B
EAKINS, J. Radiological Surveillance Around Turkey	W74-09234 7-17 5C	EDELINE, F. A Simple Simulation Method for River Self-Pu-
Point, 1970-1971,	Modeling Radionuclides and Pesticides in Food	rification Studies,
W74-08970 7-17 5A	Chains,	W74-09093 7-17 5B
PARTE I P	W74-07810 7-15 5B	EDELMAN, T.
EARLE, J. E. Reconnaissance of the Water Resources in the	EBINUMA, O.	The Coastline of River-Deltas,
Vicinity of Proposed Deep-Well Injection Sites	Clarification of NSSC Spent Liquor with Ac-	W74-04961 7-10 2L
in Southeast Dade County, Florida,	tivated Sludge and Coagulants (in Japanese),	PROPERTY OF AND
W74-07915 7-15 5B	W74-12946 7-24 5D	EDELMAN, T. AND Some Characteristics of the Dutch Coast,
EARLOUGHER, R. C.	EBTEHADJ, K.	W74-04754 7-09 2J
Wellbore Effects in Injection Well Testing,	Application of ERTS-1 Imagery in the Fields of	PDCAR C S
W74-10091 7-19 8G	Geology, Agriculture, Forestry, and Hydrology to Selected Test Sites in Iran,	EDGAR, C. S. Paper Industry and Environmental Quality,
EARLS, L. M.	W74-06710 7-13 4A	W74-09475 7-18 5D
Infrared Reflectance Measurements of Missou-		EDGERTON, B. R.
ri Waters for Water Quality Applications, W74-01659 7-04 5A	EBY, H. J.	Using Sewage Effluent and Liquid Digested
W/4-01039 /-04 3A	Periodicity of the Blue-Green Algae and Their Effect on the Efficiency of Manure-Disposal	Sludge to Establish Grasses and Legumes on
EASTERBROOK, C. C.	Lagoons,	Bituminous Strip-Mine Spoils,
An Investigation of the Physical Effects of Thermal Discharges into Cayuga Lake,	W74-00430 7-01 5D	W74-07612 7-15 5D
W74-02178 7-05 5B	ECCLES, L. A.	EDGEWORTH, L.
	Occurrence of Dissolved Organic Carbon in	Canada's Approach to Environmental Pollution
EASTIN, J. D. On the Pressure Chamber Technique for Esti-	Selected Ground-Water Samples in the United	Control for the Pulp and Paper Industry, W74-12405 7-23 5G
mating Leaf Water Potential in Sorghum,	States, W74-09917 7-19 5B	
W74-09730 7-18 3F	W/4-0991/ /-19 3B	EDIGER, R. D.
EASTMAN, P.	ECHELBERGER, H. E.	A Review of Water Analysis by Atomic Ab- sorption,
Statement for Public Meetings of the Depart-	Toward A Better Understanding of Recrea- tional Boating in the Adirondack Lakes Region,	W74-05292 7-10 5A
ment of Army Corps of Engineers Concerning	W74-09083 7-17 6B	EDWOED 1 P
the Reformulation of the Sixes Bridge, Dam, and Lake Project Maryland, and the Verona		EDINGER, J. E. Characteristics of Steam Electric Condenser
Dam and Lake Project, Virginia,	Rates of Carbon, Oxygen, Nitrogen, and	Cooling Waters,
W74-03386 7-07 5G	Phosphorus Cycling Through Microbial Popula-	W74-02869 7-06 5B
EASTY, D. B.	tions in Stratified Lakes,	Hypolimnetic Flow Regimes in Lakes and Im-
Chemical Analysis of Water Effluents Les-	W74-06569 7-13 5C	poundments,
sons from the U.S. (Army Corps of Engineers)	ECKENFELDER, W. W. JR.	W74-11578 7-22 8B
Permit Program, W74-00791 7-02 5A	Interaction of Engineers and Biologists in	EDMINSTER, T. W.
	Water Quality Management, W74-12175 7-23 5G	Application of Sewage Sludge to Agricultural
Determination of Phosphorus in Waste Waters		Land in Minnesota (Final Environmental State- ment),
from the Pulp and Paper Industry, W74-03069 7-06 5A	ECKERMAN, K.	W74-09265 7-18 5D
	A Radiological Environmental Survey at EBR- II,	PRIMANE E C
EATON, B. A. Problems Encountered in Drilling and Complet-	W74-04455 7-09 5B	EDMONDS, D. C. The 200 Miles Fishing Rights Controversy:
ing Deep Wells,	POPER I A	Ecology or High Tariffs,
W74-12540 7-23 8B	ECKERT, J. A. Tritium Burdens in Two Arctic Villages,	W74-03200 7-06 6E
EATON, B. J.	W74-08649 7-16 5B	EDMONDSON, W. T.
Venice Mallow Competition in Soybeans,	ECKERT, M.	Lake Washington,
W74-06077 7-12 3F	Concepts of Externalities and Social Costs,	W74-00739 7-02 5C
EATON, G. P.	W74-03908 7-08 6B	EDWARDS, A.
Application of Surface Geophysics to Ground-	ECKRICH, W.	An Introduction to the Phytoplankton, Primary
water Investigations, W74-11996 7-22 4B	Adsorption of Traces of Insecticides from	Production and Relevant Hydrography of Loch Etive.
W74-11996 7-22 4B	Water on Polyethylene, (Adsorption von	W74-02991 7-06 5C
ERTS-1 Image Contributes to Understanding of	Spuren von Insecticiden aus Wasser an	
Geologic Structures Related to Managua Earthquake, 1972,	Polyathylen), W74-00259 7-01 5A	EDWARDS, A. M. C. Annual Cycle in River Water Quality: A Time
W74-02561 7-05 7B		Series Approach,
	ECONOMOU, T. E. Heavy Elements in Surface Materials: Deter-	W74-00372 7-01 5B
EATON, J. G. Chronic Toxicity of a Copper, Cadmium and	mination by Alpha Particle Scattering,	EDWARDS, C. A.
Zinc Mixture to the Fathead Minnow	W74-09770 7-18 5A	Factors Affecting the Persistence of Pesticides
(Pimephales promelas Rafinesque),	ECONOMY, R.	in the Soil,
W74-03873 7-08 5C	First Look Analyses of Five Cycles of ERTS-1	W74-08793 7-17 5B
EATON, J. P.	Imagery Over County of Los Angeles: Assess-	EDWARDS, D. M.
Establishment, Test, and Evaluation of a Proto- type Volcano-Surveillance System,	ment of Data Utility for Urban Development and Regional Planning,	A Computerized Solution for Bench Leveling Design,
W74-01698 7-04 7B	W74-06636 7-13 4A	W74-06600 7-13 4A

EDWARDS, D. M.

EDWARDS, D. M.				
Design Criteria for Irrigation Sys	stems with	EFANOVA, A. I.		EGOROV, S. T.
Complex Pipe Loops, W74-06585	7-13 3F	The Effect of Water Spraying o Forcement of Physiological Proce-		Microwave Radiation Characteristics of Dr and Moist Ground Covers.
Movement of Nitrates Under Irrigat		Plants,		W74-05558 7-11 2
ture,		W74-04823	7-09 3F	EGOROVA, M. S.
W74-04139	7-08 5B	EFFORD, E. In Comparison of the Food of Sala	manders and	Radiation Safety Problems in the Operation of Atomic Electric Power Stations, (In Russian),
Movement of Nitrates Under Irrigat ture.	ted Agricul-	Fish in Marion Lake, British Colum W74-07349	nbia, 7-14 2H	W74-07363 7-14 5
W74-05666	7-11 5B		/-14 2n	EGOROVA, V. N.
EDWARDS, J. F.		EFFORD, I. E. Systems Analysis in the Marion La	ake IBP Pro-	Life Cycle of Orchardgrass (Dactylis glomeral L.) in the Flood Meadows of the Oka River:
Adsorption of Colloidal Iron by Bact W74-01253	7-03 5B	ject, W74-07010	7-13 5C	(In Russian), W74-03604 7-07
Utilization of Iron Gallate and Oth	ner Organic		7-13 JC	
Iron Complexes by Bacteria from plies,		EGAN, W. G. ERTS-1 Virgin Islands Experimen mine Boundaries of ERTS and A		EHLKE, T. A. Comparison of Bacterial and Phytoplankto Populations Under Natural and Laborator
W74-00660	7-02 5B	within Which Useful Water Qual		Conditions,
EDWARDS, J. H. Nitrogen Uptake Efficiency by Four	r Plant Sne-	tion can be Obtained, W74-09756	7-18 5A	W74-13182 7-24 5
cies in the Field and Growth Chamb	er,	Interdisciplinary Monitoring of th		EHRHART, M.
W74-05404	7-11 5B	Bight,		The Environmental Fate of Stranded Cruc Oil,
EDWARDS, J. M. Radioactive Isotopes for Water-Inpu	nt Profiles	W74-07764	7-15 5A	W74-00049 7-01 5
W74-10838	7-20 8G	EGAR, D. L. Lateral Mixing Characteristics of t	he Hydraulic	EHRLEN, L. Swedish Techniques to Combat Pollution,
EDWARDS, J. W. An Amperometric Membrane	Halogen	Jump in a Spatially-Varied Flow, W74-12098	7-23 5B	W74-08353 7-16 5
Analyzer,				EHRLER, W. L.
W74-10980	7-21 5A	EGGELSMANN, R. The Role of Moors in Groundwa		Cotton Leaf Temperatures as Related to So Water Depletion and Meteorological Factors,
EDWARDS, M. R. Electron Microscope and Physica	l Chemical	(Die Rolle der Moore bei der Grun bildung),	idwasserneu-	W74-08755 7-17 3
Characterization of C-Phycocyanin Extracts of Two Blue-Green Algae,	from Fresh	W74-04251	7-08 2F	Cotton Leaf Temperatures as Related to So Water Depletion and Meteorological Factors,
W74-00652	7-02 5A	EGGER, M. Attempt at Mollusk Control by In	ncreasing the	W74-08812 7-17 3
EDWARDS, R. A.		Planktonic Biomass and by Mollus	cicidal Treat-	A Miniature Gravity-Fed Thermocoup
Rapid Methods for the Determination Contamination in Oysters,	on of Faecal	ment: The Urea-N-Tritylmorphol tion (In French),		Psychrometer, W74-12747 7-23 7
W74-13238	1-24 JA	W74-02226	7-05 5C	EHRLICH, R.
EDWARDS, R. F. Method and Apparatus for Mixing	Gases with	EGGERT, M. B. Daily Vertical Distribution of Wint	ter Zooplank-	Detrital Quartz as a Natural Tracer-Fouri Grain Shape Analysis,
Water,	7-11 5F	ton in the Pelagic Zone of Lake Ba		W74-06293 7-12
W74-05907	7-11 3F	sian), W74-09074	7-17 5C	EIBAZOVA, KH. S.
EDWARDS, R. W. Daphnia Distribution Within Langu	nuir Circula-	EGGINK, D. N.		Sanitary and Hydrobiological Characteristics the Samur-Apsheron Canal, (In Russian),
tions,	7-10 5C	Some Characteristics of the Dutch		W74-12153 7-23
W74-05318	7-10 SC	W74-04754	7-09 2J	EICHENBERGER, E.
EDWARDS, W. M. Beef Barnlot Runoff and Stream V	Water Quali-	EGGINTON, P. Thermokarst Development, Ba	anks Island,	Ecological Studies in Artificial Streams. I
ty, W74-09681	7-18 5B	Western Canadian Arctic,		The Seasonal Change in the Relationship Heterotroph to Phototrophic Biomasses in D
		W74-04368	7-09 2C	ferent Sewage Concentrations, (Okologisc Untersuchungen an Modellfliessgewassern. I
Effect of Long-Term Management and Chemical Properties of the		EGGLESTON, D. Mass Stranding of Molluscs at	Te Waewae	Die Jahreszeitlichen Veranderungen im Ve
Watershed Soils, W74-08813	7-17 4D	Bay, Southland, New Zealand,		haltnis Von Heterotropher Zu Phototroph Biomasse Bet Verschiedenen Abwasserblastu
Instrumentation Considerations for		W74-11938	7-22 5C	gen),
Quality of Runoff From Small		EGLINTON, G. Application of Real-Time Mass 5	Spectrometric	
Watersheds, W74-11545	7-22 7B	Techniques to Environment Geochemistry. II. Organic Matter	al Organic	Ecological Studies in Artificial Streams. I Self Purification and Biomass Production in
Nutrient Content of Barnlot Runoff W74-01890	cisco Bay Area Water, W74-09742	r. Domestic Sewage Gradient, (Okologische Un- tersuchungen an Modelleliessgewassern. IV. Auswirkung der Selbsteinigung auf die Biomas-		
EDZWALD, J. K.		EGLOFF, D. A.		sebildung in Einem Abwassergradienten),
Coagulation in Estuaries,	2.00	Stream Pollution and a Simplif Index,	ied Diversity	W74-11318 7-21
W74-04257	7-08 5B	W74-06876	7-13 5A	EID, M. T. Anhydrous Ammonia for Field Crops:
Phosphates in Sediments of Pamlico W74-05296	o Estuary, 7-10 5A	EGNEUS, B. Extraction of Boric Acid with	Alinhatic 1 3	Evaluation of Anhydrous Ammonia as Nitrogen Supply for Cotton, Corn. Rice a
Phosphates in Sediments of Pamlico W74-10804	o Estuary, 7-20 5C	Diols and Other Chelating Agents, W74-02368		Wheat, W74-02240 7-05

EIDMAN, V. R.	EISNER, H.	ELDER, J. B.
Intertemporal Allocation of Groundwater in the	Seasonal Variations in the Tritium Activity of	Mercury in Wild Animals, Lake St. Clair, 1970,
Central Ogallala Formation: An Application of	Run-Off from an Alpine Glacier	W74-06776 7-13 5B
a Multistate Sequential Decision Model, W74-12787 7-24 6B	(Kesselwandferner, Oetztal Alps, Austria), W74-09341 7-18 2C	ELDER, L. L.
W/4-12/6/ /-24 GB		Steel Pipeline Design,
EILERS, R. G.	EISNER, N. A.	W74-11119 7-21 8A
Design and Simulation of Equalization Basins,	Pollution Control: New Method of Financing, W74-09563 7-18 5G	ELDBIDGE M B
W74-08046 7-15 5D	W74-09563 7-18 5G	ELDRIDGE, M. B.
A Mathematical Model for Aerobic Digestion,	EISSENBERG, D. M.	Larval Fish Survey of Humboldt Bay, Califor- nia,
W74-05856 7-11 5D	An Investigation of the Variables Affecting Steam Condensation on the Outside of a	W74-03059 7-06 2L
Mathematical Model for Post Aeration,	Horizontal Tube Bundle,	ELEKES, KAROLY
W74-08045 7-15 5D	W74-11639 7-22 3A	Electron Microscopic Investigation of Natural
EIMMERMAN, L. J.	EKSBORG, S.	Bacterial Populations in the Water and Sedi- ment of Lake Balaton and Lake Belso,
Saving Energy Through Recycling Paper Mill	Ion Pair Partition Chromatography of Organic	W74-02725 7-06 5A
Process Water,	Ammonium Compounds,	W 14-02/25
W74-12952 7-24 5D	W74-01496 7-03 5A	ELEUTERIUS, C. K.
	EL-ABYAD, M. S.	Development of a Mathematical Model to Pre-
EINAGA, H.	Competitive Saprophytic Colonization by	dict the Occurrence of Cynoscion arenarius in
Solvent Extraction of Copper (II) and Zinc (II)	Fusarium oxysporum F. Sp. vasinfectum,	Mississippi Estuaries,
with 1,5-Diphenylcarbazone, W74-06088 7-12 5A	W74-07011 7-13 3F	W74-02640 7-05 2L
W/4-00060 /-12 3A	ET DAMATU A H	ELEUTERIUS, L. N.
EINSELE, A.	EL-DAMATY, A. H. Factors Affecting the Manganese Status in	The Marshes of Mississippi,
The kinetics of Yeast Growth on Pure	Soils of the U.A.R.,	W74-02081 7-04 2L
Hydrocarbons,	W74-02200 7-05 2G	
W74-05493 7-11 5B		ELFERS, K.
EINSTEIN, H. A.	EL'MANSI, M. M.	The Adapted Public Investment Model with
The Rhein Study,	Leaching of Saline Soils with Different Types	Particular Reference to the Water Resource Sector in Metropolitan Development,
W74-03788 7-08 2J	of Drainage (Promyvka zasolennykh pochv pri razlichnykh vidakh drenazha).	W74-01862 7-04 6C
	W74-06302 7-12 2G	
EISELE, P. J.		Promoting Environmental Quality Through
The Effects of Methoxychlor on Aquatic Biota, W74-04553 7-09 5C	EL-RAHMAN, A. A. Contributions to the Water Relations of Olive Under Semi-Arid Conditions,	Urban Planning and Controls, W74-01470 7-03 5D
EISENBUD, M.	W74-13382 7-24 2D	Promoting Environmental Quality Through
Environmental Radioactivity,	114-15502	Urban Planning and Controls,
W74-07791 7-15 5B	EL-SAIDI, M. T.	W74-08828 7-17 5G
Stable Manager and Manager 54 Distribu	Effect of Chloromequat Chloride (CCC) on	ELGIN, J. H. JR.
Stable Manganese and Manganese-54 Distribu- tions in the Physical and Biological Com-	Growth, Yield and Fibre Properties of Cotton Plants Grown Under Various Conditions of Soil	Occurrence of Phytophthora Root Rot of Alfal-
ponents of the Hudson River Estuary,	Moisture.	fa in Washington,
W74-02048 7-04 5B	W74-11650 7-22 21	W74-02080 7-04 3F
EISENLOHR, H. H.	EL-SWAIFY, S. A.	ELGMORK, K.
Calculation of Dose Conversion Factors for	Structural Changes in Tropical Soils Due to Anions in Irrigation Water,	Polluted Snow in Southern Norway During the Winters 1968-1971.
60Co Gamma Radiation in Water, (In German), W74-02198 7-05 5B	W74-07348 7-14 2G	W74-04652 7-09 5B
W/4-02196 /-03 3B		W 14-04032
EISENMANN, J. L.	ELAGINA, T. S.	ELI, R. N. II
Selective Nutrient Removal from Secondary	Primary Production and Destruction of Organic	Reverse Flow Routing by the Implicit Method,
Effluent,	Matter in 2 Lakes of Different Types, (In Russian),	W74-09886 7-19 2E
W74-04045 7-08 5D	W74-03944 7-08 5C	ELIAS, V.
EISENMANN, R.		Regional Landfill and Construction Material
Apparatus for Separating Paint or the Like	ELAKHOVSKAYA, N. P.	Needs in Terms of Dredged Material Charac-
from Water,	Study of Metabolism of Nickel Entering the Body with Drinking Water, (In Russian),	teristics and Availability: Volume 1: Main Text;
W74-03008 7-06 5D	W74-07361 7-14 5C	Volume II: Appendixes,
Method for Purifying Water,		W74-10624 7-20 5G
W74-03652 7-07 5D	ELAM, L. L.	ELIASON, J. R.
	Saltwater Pond Research, W74-00815 7-02 8I	Ground Disposal of Reactor Coolant Effluent,
EISLER, R.	11.4-00813	W74-02013 7-04 5B
Acute Toxicology to an Estuarine Teleost of	ELATA, C.	FI IACCON I
Mixtures of Cadmium, Copper and Zinc Salts, W74-13101 7-24 5C	The Influence of the Chemical Nature of	ELIASSON, J. Geohydrology of the Laugarnes Hydrothermal
7-24 30	Polymers on Their Drag Reduction Charac-	System in Revkiavik, Iceland.
EISMA, D.	teristics, W74-10427 7-20 8B	W74-08996 7-17 2F
Sediment Distribution in the North Sea in Rela-	# /4-1042/ /-20 8B	
tion to Marine Pollution,	ELBERSEN, G. W. W.	Reservoir Mechanism in an Aquifer of Arbitra-
W74-03033 7-06 5B	Interpretation of ERTS-MSS Images of a	ry Boundary Shape, W74-01129 7-03 2F
	Savanna Area in Fastern Colombia	W74-01129 7-03 2F

Savanna Area in Eastern Colombia.
W74-01677 7-04 2G

ELCI, S.
The Arid Zone Problems in Turkey,
7-10 3F

ELCI, S.

Theoretical Experimental and Field Studies Concerning Reactions of Radioisotopes with Sediments and Suspended Particles of the Sea. Part C: Applications to Field Studies, W74-11670 7-22 5B

7-03 2F

ELIZAROVA, V. A.

Content and Composition of Plant Pigments in the Rybinsk Reservoir (In Russian), W74-09446 7-18 2H

ELKAIM, B.

ELKAIM, B. A Contribution to the Ecological Study of the Bou Regreg Estuary: The Problem of Pollution,	ELLIS, F. E. Water and the Energy Crisis, W74-04912 7-10 6D	ELPAT'EVSKII, M. P. Draining and Reclamation of Swampy Forest Lands, (In Russian),
W74-12712 7-23 5C	ELLIS, G. E. AND	W74-06439 7-12 4A
ELKAN, G. H.	Investigation of Seiche Activity in West Coast	ELRICK, D. E.
Role of Bacteria in Decomposition of Injected	Harbors,	A New Method for Determining and Interpret-
Liquid Waste at Wilmington, North Carolina,	W74-04744 7-09 2L	ing Dispersion Coefficients in Porous Media,
W74-03246 7-07 5B	ELLIS, J. P.	W74-12856 7-24 2F
ELLEFSON, P. V.	Report on a New Underway Sediment Sampler,	ELSAHRAGTY, M. M.
Economic Appraisal of Michigan's Sport	W74-11726 7-22 2J	Planning and Operation of Urban Water Quali-
Fishery, January 1 - April 24,	ELLIS, J. R.	ty Management Systems,
W74-12779 7-24 6B	Characteristics of Animal Wastes and Runoff,	W74-07334 7-14 5D
ELLERMEIER, R.	W74-00131 7-01 5G	ELSON, P. F.
Spectral Absorption of Solar Radiation in Al-	Chemical Studies of Solids, Runoff, Soil	Impact of Recent Economic Growth and Indus-
pine Snowfields,	Profile and Groundwater from Beef Cattle	trial Development on the Ecology of Northwest
W74-01626 7-03 2C	Feedlots at Mead, Nebraska,	Miramichi Atlantic Salmon (Salmo Salar),
ELLIN, R. I.	W74-09680 7-18 5B	W74-12271 7-23 5C
Collection, Detection, Identification, and	Waste Management and Animal Performance in	ELSTON, D.
Quantitation of Human Effluents,	Beef Feedlots,	Preliminary Geologic Investigations in the
W74-07912 7-15 5A	W74-10141 7-19 5D	Colorado Plateau Using Enhanced ERTS
ELLINGTON, C. P.	ELLIS, M. J.	Images,
Some Extension Service Capabilities,	Groundwater Levels in Nebraska, 1973,	W74-01708 7-04 7C
W74-12172 7-23 6E	W74-08367 7-16 4B	PI WAL P. W.
	ELLIC D ID	ELVIN, D. W. Inshore Sea Surface Temperature and Salinity
ELLIOTT, G. W.	ELLIS, R. JR. Loss of Mercury(II) from Solution,	Conditions at Agate Beach, Yaquina Bay and
Bomex Rainy Day Analysis,	W74-06266 7-12 5B	Whale Cove, Oregon, in 1970,
W74-04921 7-10 2B		W74-04730 7-09 2L
ELLIOTT, J. M.	ELLIS, S. P.	
The Effect of a Chemical Method for Gauging		ELVINS, B. J.
Discharge on the Invertebrates of a Mountain	Coli K-12 and Paramecium Caudatum,	Water Quality Monitoring Experience in the Somerset River Authority Area, 1968-1972.
River, (in French),	W74-08095 7-15 5C	W74-08360 7-16 5A
W74-10048 7-19 7B	ELLISON, B. E.	710 31
ELLIOTT, L. F.	Water in Mississippi,	ELY, H.
Pollution of Air, Water, and Soil by Livestock,	W74-02122 7-04 4A	The Draft United Nations Convention on the
W74-00128 7-01 5G		International Seabed Area - American Bar Association Position,
Use of Caissons for Sampling Chemical and	ELLISON, R. An Experimental Investigation into Effects of	W74-03377 7-07 6E
Biological Conditions Beneath a Beef Feedlot,	Pulp Mill Effluent on Structure of Biological	707 02
W74-10138 7-19 5A		EMBERSON, C. E.
FILIOTT O M	bia. Part 1: Subtidal Communities,	Preliminary Study of Temperature Tolerance in
ELLIOTT, O. M. Sun Treats Cooling Water Without Chromates	W74-05047 7-10 5C	Juvenile Hawaiian Mullet (Mugil Cephalus), W74-12260 7-23 5C
for Corrosion Protection,	ELLISON, R. D.	W74-12260 7-23 5C
W74-03160 7-06 8G	Development of a Unified Transport Model for	EMDE, W. V. D.
ELLIONE D D	Toxic Materials,	Pulp Mill Waste Waters: Discharge and Purifi-
ELLIOTT, R. D. Economic Study of the Effect of Municipal	W74-12022 7-23 5B	cation (Zellstoffabwaesser: Anfall and
Sewer Surcharges on Industrial Wastes and		Reinigung),
Water Usage,	Transport Model for Toxic Materials,	W74-09455 7-18 5D
W74-07057 7-14 50	W74-12906 7-24 5B	EMEL'YANOV, V. A.
ELLIS, B. G.	ELLISTON, G. R.	A Study of Bacterial Migration in Irrigated
Initial Observations of Several Medium Sized	Water Movement Through the Gornergletscher,	Soils, (In Russian),
Barriered Landscape Water Renovation		W74-12704 7-23 5B
Systems for Animal Wastes,	ELLNER, P. D.	EMERICK, R. J.
W74-09695 7-18 5E	Recovery and Identification of Anaerobes: A	Consequences of High Nitrate Levels in Feed
The Soil as a Chemical Filter,	System Suitable for the Routine Clinical	and Water Supplies,
W74-12873 7-24 5E	Laboratory, W74-04886 7-10 5A	W74-10296 7-19 5C
		EMERSON, D.
Soil Modification for Dentrification and	ELLIEII, C. D.	Kra Canal Project: A Preliminary Assessment
Phosphate Reduction of Feedlot Waste, W74-12216 7-23 51	Research Targets and Developments, Re-	of Nuclear Excavation Feasibility for Route
	gional Assessments, W74-07903 7-15 7B	5A,
ELLIS, D.		W74-13119 7-24 8H
Surface Runoff Nutrient Losses from Various	ELMORE, G. R. JR.	EMERSON, D. B.
Land Disposal Systems for Dairy Manure, W74-09702 7-18 51	State Organization for Water Resources	Joint Construction Sediment Control Project,
7-18 31	Management, W74-07733 7-15 6E	W74-11923 7-22 4D
ELLIS, D. F.		7-0-0
Surface Runoff Losses of Soluble Nitrogen and		EMERSON, M. J. AND
Phosphorus Under Two Systems of Soi Management,		State-of-Art Review: Water Pollution Control Benefits and Costs, Vol I,
W74-10789 7-20 5F	Lands, (In Russian), W74-06439 7-12 4A	W74-04464 7-09 5G
7-20 38		, 0, 30

ENDELMAN, F. J.

EMERSON, S. AND

ENAKI, G. A.
Organic Matter of the Soil in the Kiev Reser-

Algae, (In Russian), W74-04281

voir and its Role in the Development of Benthic

Water Catchment Area with Artificial

Distribution and Uptake of A	rtificially In-	The Mathematical Modeling of Soil-Water	- Recharge,	
troduced Radium-226 in a Small La	ake,	Nitrogen Phenomena,	W74-13004	7-24 4B
W74-04785	7-09 5B	W74-13138 7-24 51	Hydrogeology of the Sas	
EMERY, K. O.		ENDO, E.	Dolomitic Reef Stock in	the Alpine Dolomites
Congo Submarine Canyon and Far	n Valley,	Establishment, Test, and Evaluation of a Proto	of North Italy,	
W74-00093	7-01 2J	type Volcano-Surveillance System,	W74-07153	7-14 2F
Sea Level as Affected by River	Dunoff Fost	W74-01698 7-04 7	B ENGELHOFFER, K.	
ern United States,	Runott, East-	ENDRES, G. W. R.	The Use of Silicates and	Polyelectrolytes for
W74-02709	7-06 2E	Radiological Sciences,	Flocculation,	
117 02109		W74-09238 7-17 5	C W74-12420	7-23 5D
Surface Circulation of Lakes and	Nearly Land-			
Locked Seas,		ENDSLEY, C. J.	ENGIN, M. Effects of Water Stre	ee on Growth and
W74-02715	7-06 2H	An Ecological Survey of the Algae of Hunting	Nitrogen-Fixing Activity	
EMERY, P. A.		ton Canyon, Utah,	W74-07352	7-14 3F
Water in the San Luis Valley,	South-Central	W74-13469 7-24 5	C	
Colorado,		ENFIELD, C. G.	ENGLAND, C. B.	
W74-00331	7-01 2A	Evaluation of Water Flux Above a Deep Water	Watershed Models: Too	
PARENT D M		Table Using Thermocouple Psychrometers,	Management for Water an W74-05570	7-11 2A
EMERY, R. M.	trophic Lake	W74-03776 7-08 2	G W/4-03370	7-11 2A
Delayed Recovery of a Meso After Nutrient Diversion,	trophic Lake	ENIFORG CO	ENGLISH, D. K.	
W74-03560	7-07 5C	ENFORS, S-O. Biodegradation of Nitrilotriacetate (NTA) B	Balantidiasis Outbreak in	
		Bacteria-I. Isolation of Bacteria Able to Gro		7-13 SC
Enriching Effects of Urban R		Anaerobically with NTA as a Sole Carbo		
Productivity of a Mesotrophic La		Source,	The Accuracy of Radar-I	Derived Rainfall Mea-
W74-06080	7-12 5C	W74-00644 7-02 5		
Nutrient Income Change Related	d to Plankton		W74-13009	7-24 2B
Algae,	a to runation	Biodegradation of Nitrilotriacetate (NTA) B		
W74-04318	7-09 5C	Bacteria-II. Cultivation of an NTA-Degradir		
		Bacterium in Anaerobic Medium, W74-00645 7-02 5	Denitrification in Granul B Columns.	ar Carbon and Sand
The Relations of Periphytic ar		W/4-00043 /-02 3	W74-10465	7-20 5D
Algal Growth in an Estuary to	Hydrographic	ENGBERG, R. A.	11 /4-10403	1-20 30
Factors, W74-01571	7-03 5C	Selenium in Nebraska's Groundwater ar	nd ENGMAN, E. T.	
W/4-013/1	7-03 30	Streams,	Hurricane Agnes Flood	ls East Mahantango
EMILIANI, F.		W74-03813 7-08 5		
Some Bacteriological Aspects	of Lake Vila	ENGDAHL, B. S.	W74-02174	7-05 2E
(Gerona, Spain),		Gas-Liquid Chromatographic Determination	of Hydrologic Impact of Tro	pical Storm Agnes.
W74-11239	7-21 2H	Chlorpyriphos in Dursban Insecticide Formul		7-22 2B
EMLER, V. S.		tions,		
Portsmouth Gaseous Diffusion Pl	ant (Ohio) En-	W74-01405 7-03 5	A Partial Area Hydrology	and its Application to
vironmental Monitoring Report -		PMORT P. III	Water Resources, W74-09200	7-17 2A
W74-09856	7-19 5A	ENGEL, D. W.		/-1/ ZA
		Effect of Radiation, Salinity and Temperatu on the Ionic Regulation of the Blue Crab, Ca		Storm Flow Synthes-
EMMERMAN, D. K.	Matal Einich	linectes sapidus,	18,	
Water Reuse in Industry, Part 4 -	- Metai Finish-	W74-07818 7-15 5	SC W74-09907	7-19 2A
ing, W74-00797	7-02 5D		Transient Response of a	Lavared Clopine Coil
1174-00/7/	1-02 35	ENGEL, G. A.	to Natural Painfall in the	
EMMETT, W. W.		Measurement of the Complex Dynamic Rigidi	Water Table: Experiment	
Errors in Piezometric Measureme		of Recent Marine Sediments,	W74-08375	7-16 2A
W74-00931	7-02 8G	W74-02146 7-04 2		
Some Rates of Geomorphological	Processes	ENGEL, R. L.	ENGMANN, J. E. O.	C
W74-08304	7-16 2J	A Mathematical Model for Optimum Designation	gn W74-12293	7-23 2E
		and Control of Metropolitan Wastewat	ter # /4-12293	7-23 2E
EMMETT, W. W. AND		Management Systems,	ENGSTROM-HEG, R.	
Suspended and Bedload Sedimer		W74-03468 7-07	Companion of Freid in	ethods for Measuring
the Snake and Clearwater Rivers	in the Vicinity	ENGELBERT, E. A.	Stream Discharge,	
of Lewiston, Idaho, W74-04846	7-09 2J	The Political-Social Aspects of Energy-Wat	W74-00735	7-02 2E
W 74-04040	7-09 23	Relationships,	Direct Measurement of	Potassium Perman-
EMMONS, D. R.		W74-07963 7-15 (
System for Monitoring and Co	ontrolling Sub-		manganate,	
stances in Fluid Bodies,		ENGELBRECHT, R. S.	W74-00765	7-02 5A
W74-13262	7-24 7B	Microbial Hazards in Disposing of Wastewat on Soil.	ter Kinetics of Rotenone-Po	tassium Parmanas-ta
EMSELLEM, Y.		on Soil, W74-12884 7-24		
Water Resources Management,		7-24	Streams,	and a rotte and a rout
W74-05396	7-10 6B	New Microbial Indicators of Wastewar		7-04 5C
		Chlorination Efficiency,		

W74-10189

7-08 5C

ENGELEN, G. B.
Chemical Water Types and Their Distribution

in Space and Time in the Amsterdam Dune-

ENGSTROM, W. N.
Beach Foreshore Sedimentology and
Morphology in the Apostle Islands of Northern

Wisconsin,

W74-06281

7-19 5D

ENRE, C. G.		
ENKE, C. G. Measurement and Monitoring Units for Waste Water (Mess-und Ueberwwachungsgeraete fuer	EPSTEIN, J. Detection and Estimation of Isopropyl Methylphosphonofluoridate and O-Ethyl S-	Soil Modification for Dentrification and Phosphate Reduction of Feedlot Waste, W74-12216 7-23 5D
Abwasser), W74-08219 7-16 5A	Diisopropylaminoethylmethylphosphonothioate in Seawater in Parts-Per-Trillion Level,	ERICKSON, A. H. Biotreatment Process,
ENNIS, G. P.	W74-02427 7-05 5A	W74-11398 7-21 5D
Behavioral Responses to Changes in Hydro- static Pressure and Light During Larval	Properties of GB in Water, W74-06161 7-12 5B	ERICKSON, B. J.
Development of the Lobster Homarus Gam-		Predicting Avalanche Intensity from Weather
marus,	ERB, R. B. A Comparison of Land-Use Determinations	Data: A Statistical Analysis,
W74-01436 7-03 5C	Using Data from ERTS-1 and High Altitude	W74-02294 7-05 2C
ENOS, H. F.	Aircraft,	ERICKSON, L. E.
Oxychlordane Residues in Human Adipose Tis-	W74-06638 7-13 4A	ATP Pools in Activated Sludge,
sue, W74-04872 7-10 5A	ERBAUGH, L. E.	W74-05914 7-11 5D
PNOC I P	New Membrane Compositions for Desalination of Water by Reverse Osmosis.	Biological Wastewater Treatment System
ENOS, J. F. Research on Reverse Osmosis Membranes for	W74-00158 7-01 3A	Design. Part I. Optimal Synthesis, W74-06407 7-12 5D
Purification of Wash Water at Sterilization (165		W 74-00407
deg F),	ERDELY, L.	Biological Wastewater Treatment System
W74-00316 7-01 5D	Apparatus for Recording Swell Frequency and Propagation Direction of Waves,	Design. Part II. Effects of Parameter Variations on Optimal Process System Structure and
ENRIGHT, J. T.	W74-07224 7-14 8B	Design,
Can Halobates Dodge Nets. II: By Moonlight.,	ERDMANN, R. C.	W74-06408 7-12 5D
W74-06118 7-12 2I	Possible Effects of Ionizing Radiation Upon	Development of Water Quality Models Using
ENSOR, P. D. J.	Marine Life and Some Implications of Postu-	Spectral Analysis and Parameter Estimation
Chlorodioxins in Pesticides, Soils, and Plants,	lated Accidental Releases of Radioactivity,	Techniques,
W74-02371 7-05 5B	W74-09871 7-19 5C	W74-08936 7-17 5G
EPIFANIO, C.	ERELI, E.	Diffusion of Cattle Manure Solution Through a
The Use of Ion Specific Electrodes for Chemi-	Final Report Analyzing Coastal and Marine	Wet Porous Stratum with Reaction,
cal Monitoring of Marine Systems: Part IThe Ammonia Electrode as a Sensitive Water Quali-	Law to Develop an Authority for Coastal Zone Management,	W74-05591 7-11 5B
ty Indicator Probe for Recirculating Maricul-	W74-08544 7-16 6E	Dynamic Analysis and Optimal Feedback Con-
ture Systems,	DDDN V	trol Synthesis Applied to Biological Waste
W74-09220 7-17 5A	EREN, Y. Effect of Fish on the Bottom of Reservoirs.	Treatment,
EPLER, P.	W74-01020 7-02 2H	W74-13026 7-24 5D
Effects of Water Pollution on the Ichthyofau-	DDC 4 CHEV N	Dynamic Behavior of a Complete-Mixing Ac-
na: IV. Toxicity of Acids, Alkalies and Some	ERGASHEV, N. Grasshoppers and Crickets in the Karshi	tivated Sludge System,
Inorganic Gases, W74-00489 7-01 5C	Steppe, (In Russian),	W74-04900 7-10 5D
	W74-02239 7-05 3F	ERICKSON, R. H.
EPLER, R. J.	ERGASHEV, S. E.	Photolysis of Parathion (O,O-Diethyl-O-(4-
Minicomputers' Role in Monitoring, W74-05297 7-10 5A	A Hydrogeothermal Description of Ground-	Nitrophenyl) Thiophosphate). New Products, W74-02380 7-05 5B
	water in Upper Cretaceous Deposits in the Southeast Aral Sea Area	W 14-02380 1-03 3B
EPPLEY, R. Biological Aspects of Offshore Nuclear Power	(Gidrogeotermicheskaya kharakteristika pod-	ERICKSON, S. P.
Plants,	zemnykh vod verkhnego mela Yugo-	Systematic Development of Methodologies in Planning Urban Water Resources for Medium
W74-09864 7-19 5C	Vostochnogo Priaral'ya),	Size Communities: Economic and Environmen-
EPPLEY, R. W.	W74-02609 7-05 2F	tal Impacts of Surface Runoff Disposal
Growth Rates of Marine Phytoplankton: Cor-	ERGASHEVA, L. E.	Systems,
relation with Light Absorption by Cell	Sanitary-Virological Characterization of	W74-10397 7-20 6A
Chlorophyll A., W74-08742 7-17 5C	Sewage Waters from Some Urban Sewage Systems in the Uzbek SSR, (In Russian),	ERIE, L. J.
W/4-08/42 /-1/ 3C	W74-13241 7-24 5A	Trickle Irrigation on Cotton,
A Study of Plankton Dynamics and Nutrient		W74-02347 7-05 3F
Cycling in the Central Gyre of the North	ERH, K. T. Application of the Spline Function to Soil	ERIN, V. T.
Pacific Ocean, W74-03561 7-07 5B	Science,	Effect of an Increased Water Rate in Liquid
	W74-07344 7-14 2G	Dressing on Sugar Beet Yield, (In Russian), W74-01211 7-03 3F
Temperature and Phytoplankton Growth in the Sea,	ERICHSEN, F. P.	7-03 31
W74-04233 7-08 5C	Severe Floods at New Braunfels, Texas, May	ERLIKH, E. N.
PROPERTY P	1972,	Recent Hydrothermal Systems of Kamchatka, W74-08989 7-17 2F
EPSTEIN, E. Nitrogen Mineralization-Water Relations in	W74-02173 7-05 2E	
Soils,	ERICKSON, A. E.	ERMAKOV, I. S.
W74-06897 7-13 5B	Initial Observations of Several Medium Sized Barriered Landscape Water Renovation	The Automatic Filter Press FPAKM (Die Auotomatische Filterpress FPAKM),
The Physical Processes in the Soil as Related to	Systems for Animal Wastes,	W74-08217 7-16 5D
Sewage Sludge Application,	W74-09695 7-18 5D	
W74-05970 7-12 5D	Physical Changes to Soils Used for Land Appli-	ERMOLAEV, V. I. The Phytoplankton Productivity in the Pyasina
Water Stress Relations of the Potato Plant	cation of Municipal WasteWhat Do We	River Near Tareya Village (Western Taimyr),
under Field Conditions,	Know, What Do We Need to Know,	(In Russian),
W74-08811 7-17 3F	W74-05971 7-12 5D	W74-04698 7-09 2I

ERNEST, L. A.	ESTABLIER, R.	EVANS, D. G.
200 MGD Activated Sludge Plant Remove Phosphorus by Pickle Liquor,	lata) Along the Huelva Coasts, (In Spanish),	Analysis of Internal Flow Characteristics of a Smooth-Disk Water-Brake Dynamometer, W74-02475 7-05 8C
W74-04554 7-09 51		7-03 60
ERNSTROM, E. K.	Mercury content of the Mussels (Mytilus Edu-	EVANS, D. R.
Restoration of Wastewater Facilities Damage	lis) Growing Free and Under Cultivation in	Effect of Oil on Marine Ecosystems: A Review
by Tropical Storm Agnes,	Northwest Spain, (In Spanish), W74-13493 7-24 5B	For Administrators and Policy Makers,
W74-09496 7-18 51	W /4-13493 /-24 3B	W74-11348 7-21 5G
PREII M	Studies on Copper, Iron, Manganese and Zinc	Physical-Chemical Wastewater Treatment Plant
ERTIL, M. Preliminary Data About the Seasonal Change	in Oysters (Crassostrea Angulata) on the Gulf	Design.
and Vertical Stratification of Periphyton from	of Cadiz (Estudios del cobre, Hierro, man-	W74-03957 7-08 5D
the Middle Reach of the River Danube,	ganeso y cinc en ostiones-Crassostrea angulata-	
W74-04294 7-08 5	Del Golfo de Cadiz),	EVANS, D. W.
	W74-12256 7-23 5C	Effects of Ocean Water on the Soluble-
ERTL, M.	Variation of Copper, Iron, Manganese and Zinc	Suspended Distribution of Columbia River
Primary Production of the Periphyton in th	Contents of Oysters (Crassostrea Angulata) at	Radionuclides, W74-02012 7-04 50
Littoral of the Danube,	Different Stages of Gonadal Development	W74-02012 7-04 50
W74-04876 7-10 5	(Variaciones del contenido en cobre, hierro,	Occurrence of Phytophthora Root Rot of Alfal
ESCARCEGA, E. D.	manganeso y cinc en relacion con la madura-	fa in Washington,
High-Rate Land Treatment I: Infiltration an	cion sexual del ostion, Crassostrea angulata, de	W74-02080 7-04 3F
Hydraulic Aspects of the Flushing Meadow	las costas de Cadiz),	
Project,	W74-12255 7-23 5C	EVANS, G. N.
W74-12004 7-23 5	ESTES, J. E.	Evaporation from an Irrigated Rice Crop in
	Determination of Oil Loss Rates from a High	Semi-Arid Region,
ESCH, D. C.	Seas Oil Containment Barrier.	W74-07096 7-14 2D
Control of Permafrost Degradation Beneath	a W74-08290 7-16 5G	EVANS, J. H.
Roadway by Subgrade Insulation,		An Investigation of the Coulter Counter is
W74-04409 7-09 4		'Biomass' Determinations of Natural Fresh
ESCOVAR, G.	and Central Coastal Test Sites, California,	water Phytoplankton Populations,
Physical Properties of Some Volcanic-As	W74-06623 7-13 4A	W74-08727 7-17 5/
Derived Soils of the Highlands of Paste		
Narino, Colombia, (In Spanish),	Soil Type, Moisture, Temperature and the Lon-	EVANS, J. O.
W74-01228 7-03 2		Research NeedsLand Disposal of Municipa
	Tylenchorhynchus in the Absence of Plants,	Sewage Wastes,
ESHCHEKOV, O. G.	W74-02719 7-06 2I	W74-12901 7-24 5E
Ways of Increasing the Production of Tak	ETGES, F. J.	Soils as Sludge Assimilators,
Soils of the Tedzhen Delta, (In Russian),	Tonis Effects of Esselmeter Turkellerions on	
W74-08098 7-15 3	Schistosome Miracidia,	
ESHEL, Y.	W74-10830 7-20 5C	EVANS, J. S.
Differential Tolerance of Six Leguminos		The Pulp and Paper Industry and the Environ
Crops to Terbutryne,	ETTER, E. R.	ment,
W74-02941 7-06 3	Oxidation and Aerated Lagoon Operation,	W74-07411 7-14 5I
	W74-09452 7-18 5D	EVANS, J. V.
ESKINS, K.	ETZOLD, D. J.	Cation-Exchange Removal of Copper from
Processing Animal Wastes for Feed and Indu	Cost of Developing Ground Water in the Pat	
trial Products,	Harrison Waterway District, Mississippi,	W74-11027 7-21 51
W74-10152 7-19 5	D W74-10530 7-20 4B	
ESMAIL, W. J.	PERANTO P. P.	The Performance of Powdered Ion-Exchang
The Effect of Flux and Gravitational Forces	EUBANKS, E. R. Soil Microorganism Metabolism in Spray Irriga-	Resins,
Miscible Displacement in a Thin Homogeneous		W74-11028 7-21 51
Bed,	W74-12725 7-23 5D	EVANS, L. V.
W74-03896 7-08 2		Sulphated Polysaccharide Synthesis in Brow
	EUZEBY, J.	Algae.
ESOGBUE, A. M. O.	Toxicity of an Algal Complex on Freshwater	W74-01824 7-04 50
A Useful Theorem in the Dynamic Pr		
gramming Solution of Sequencing and Schedu		EN VIETAGE IVE. BE-
ing Problems Occurring in Capital Expenditu	e EVANS, A. J. JR.	A Forecasting Model Applied to Pollution Cor
Planning,	A Physical Model for Prediction and Control of	trol Costs,
W74-05935 7-11 6	Saltwater Intrusion in the Floridan Aquifer,	W /4-03189 /-06 30
ESPEJO, R.	W74-06609 7-13 2F	EVANS, N. A.
Detection of Major River Bed Changes in the	E PVANC B	Regional Energy-Water ProblemsColorad
River Ebro (North-Eastern Spain),	EVANS, B. Effect of Bentonitic Fluid Properties on	Diver Court Deale
W74-02589 7-05	B Drilling Rate,	W74-07977 7-15 61
	W74-07879 7-15 8B	
ESPEY, W. H. JR.	7-13 66	EVANS, K.
Urban Flood Frequency Characteristics,	EVANS, D. D.	Development of a Prototype Search an
W74-05738 7-11	neutrona riegiamo ter nano ano marci	Retrieval Network for Water Resource Info
ESSING, HG.	Resources Development and Management,	mation and User Evaluation Survey, W74-10412 7-20 10
The Quantitative Determination of Chromiu	W74-01628 7-03 6H	W 74-10412 7-20 10
· · · · · · · · · · · · · · · · · · ·		

in Urine by Flameless Atomic Absorption Spectroscopy, W74-05291 7-10 5A

7-10 5A

Transient Movement of Water and Solutes in Unsaturated Soil Systems,
W74-01104

7-03 2G

EVANS, R. B.
Tritium Burdens in Two Arctic Villages,
W74-08649

7-1

EVANS, R. J.

EVANS, R. J. Avalanche Studies (1971-1972), W74-07319	7-14 2C	EVENSON, D. E. Ground Water Quality Models: W and Cannot Do,	hat They Can	EVILEVITCH, N. A. System of Combined and Profound Treatm of Pulp and Paper Industry Waste Waters	
		W74-06944	7-13 5B	Activated Sludge,	
Incorporation of Glide and Creep ments Into Snow Slab Mechanics,	Measure-	Ground-Water Quality Models: W	hat They Can	W74-12428 7-23	5D
W74-02742	7-06 2C	and Cannot Do,	They can	EVISON, L. M.	
		W74-07933	7-15 5B	A Comparison of the Distribution of Intes	
EVANS, R. L. Algae in the Spoon River, Illinois 197	1-1972	Optimal Allocation of Lin	nited Water	Bacteria in British and East African W Sources.	ater
W74-05483	7-11 5B	Resources,		W74-00662 7-02	5B
A Constitute of Chlorine Control	Took In	W74-00179	7-01 6A	A Circle Washington for the Differentiation	
A Case Study of Chlorine Contact adequacies,	lank in-	EVERETT, D. E.		A Simple Technique for the Differentiation Escherichia Coli In Water Examination,	n or
W74-09494	7-18 5D	Water Quality and Waste Assimila	ative Capacity	W74-00296 7-01	5A
4 Chloring Downed Study of	Casandami	of the Pearl River Below Bogalusa		PWARE C. I	
A Chlorine Demand Study of Sewage Effluents,	Secondary	W74-01922	7-04 5B	EWART, C. J. Floods in Punaluu-Hauula Area, Oahu, Hav	waii.
W74-10498	7-20 5D	EVERETT, G. L.		W74-08310 7-16	
Design and Performance of Chloris	ne Contact	Atomic Absorption and Fluore trometry with a Carbon Filament		Hydrology and Sediment Transport, Moan	alua
Tanks.	ie Contact	voir. Part XIV. The Determination		Valley, Oahu, Hawaii,	iaiua
W74-10035	7-19 5D	um in Fuel Oils,		W74-00354 7-01	2E
A Technique for Evaluating Ale	al Growth	W74-02400	7-05 5A	EWING C C	
A Technique for Evaluating Alg Potential in Illinois Surface Waters,	ar Growth	EVERETT, J. G.		EWING, G. C. Coastal Sand Dunes of Guerrero Negro,	Baia
W74-02342	7-05 5C	The Effect of Heat Treatment		California, Mexico,	
EVANC D W C		bilization of Heavy Metals, Solid	s and Organic	W74-02704 7-06	2L
EVANS, R. W. G. Some Aspects of Urban Water Sup	ply in Vic-	Matter From Digested Sludge, W74-11250	7-21 5D	EWING, J. A.	
toria,				Wave-Induced Bottom Currents on the C	uter
W74-11687	7-22 6C	Inverse Separation of Heat-Treat		Shelf,	
EVANS, S. D.		W74-11249	7-21 5D	W74-01719 7-04	2J
Mineral Nitrogen Movement into Su	bsoils Fol-	EVERETT, L. G.		EWING, W. H.	
lowing Continued Annual Fertili	zation for	Chemical and Biological Patterns	in the Lower	Molecular Relationships Among the Salme	onel-
Corn, W74-06898	7-13 5B	Colorado River System, W74-00760	7-02 5C	leae, W74-00623 7-02	4D
W /4-00876	7-13 3B	W 74-00700	7-02 JC	W 74-00023	313
EVANS, V.		Chemical and Biological Problem	s in the Grand	EWOLDSEN, E.	
Corrosion Resistant Cements, W74-07887	7-15 8F	Canyon, W74-07093	7-14 5B	Brackish Water Desalting, Testing and Ev- tion Procedures with Mobile Test Facility,	alua-
W /4-0/88/	7-15 8F	W 74-07093	/-14 3B	W74-08335 7-16	3A
EVANS, W. E.		A Mathematical Model of Primar		PINOL DEEN P. I	
Analysis of ERTS Imagery Using St tronic Viewing/Measuring Equipment		and Limnological Patterns in Lak W74-01630	7-03 5C	EWOLDSEN, E. I. Brackish Water Desalting Testing and Ev	alua
W74-06659	7-13 7C	W 74-01030	7-03 30	tion Procedures with Modile Test Facility,	wide
		EVERMAN, J. S.	Mastina Tafaa	W74-01934 7-04	3A
EVANS, W. H. Biodegradation of Urea in River Wa	ters Under	The Use of Questionnaires in Co mation for Urban Flood Control		EXNER, J. H.	
Controlled Laboratory Conditions,	ners onder	W74-08151	7-16 6F	Rates and Products of Decomposition of	2,2
W74-03287	7-07 5B	PUEDCOLE I W		Dibromo-3-Nitrilopropionamide,	
Determination of Ammonia Level	s in Water	EVERSOLE, J. W. Toxicity of Droppings From Co	oumaphos-Fed	W74-02382 7-05	31
and Waste Water with an Ammonia		Hens to Little House Fly Larvae		EYER, C.	
W74-13421	7-24 5A	W74-00410	7-01 5C	Trace Organic Contaminants in Dri	
Spectrophotometric Determination	of Low	EVERSON, T. C.		Water; Evaluation of Semi-Permeable & branes and Osmotic Pumping to Achieve	
Levels of Mono-, Di-, and Triethyle		Protein Production from Acid V	Vhey Via Fer-	centration,	Con
in Surface Waters,		mentation,	7 00 CD	W74-10981 7-21	5F
W74-05290	7-10 5A	W74-11795	7-22 5D	EYMAN, L. D.	
EVARD, W. M.		EVERT, R. W.		A Comparison of Invertebrate Drift in T	Three
Water Intake Screen,		Project Foggy Cloud V, Panama	a Canal Warm	Michigan Streams,	
W74-10446	7-20 8I	Fog Dispersal Program, W74-12067	7-23 3B	W74-03902 7-08	5E
EVELEIGH, D. E.			7-23 30	EYRE, L. A.	
Improved pH Control of Fungal Cul		EVILEVICH, M. A.	Forms Associan	Tidewater Shorelines in Broward and	
W74-04903	7-10 5A	Calculations for Displacement- Tanks (Raschet aerotenkov-vytes		Beach Counties, Florida: An Analysi Characteristics and Changes Interpreted	
EVELYN, T. P. T.		W74-13427	7-24 5D	Color, Color Infrared and Thermal	
	of Certain	Industrial Experience with Property	natia Machani	Imagery,	
Pathogens of Salmonid Fishes, W74-13100	7-24 5A	Industrial Experience with Pneum cal Aerators (Obyt primeneniya		W74-01220 7-03	21
W 74-13100	1-24 3A	hanicheskikh aeratorov v proiz		EYRING, E. J.	
EVENARI, M.		usloviyakh),		Determination of Zinc by Flameless At	tomi
Stomatal Responses to Changes in I	Humidity in	W74-05434	7-11 5D	Absorption Spectrophotometry,	
Plants Growing in the Desert, W74-06241	7-12 21	Liquid Velocity Distribution in A		W74-02399 7-05	5A
		with Mechanical Aerators	(Rasredelenie	EZZAT, A.	
Stomatal Responses to Changes in T at Increasing Water Stress,	emperature	skorostei zhidkosts v aeroten hanicheskimi aeratorami),	kakh s mek-	Effect of Pollution on the Blood Character of Tilapia zillii G.,	ristic
W74-05366	7-10 21	W74-13428	7-24 5D		50

FAAS, R. W.	FAGERSTROM, T.	FAKUNDINY, R. H.
Mass Physical and Engineering Properties of	Methyl Mercury Accumulation in an Aquatic	Evaluation of ERTS-1 Imagery for Geological
Some York River Sediments,	Food Chain. A Model and some Implications	Sensing Over the Diverse Geological Terranes
W74-07239 7-14 2L	for Research Planning,	of New York State,
W 14-0/239 7-14 2L	W74-06042 7-12 5B	W74-01690 7-04 7C
Mass Property Variability of Some Estuarine		
Sediments,	FAGGIOLI, R. E.	FAL'KOVSKAYA, L. N.
W74-05725 7-11 2L	Oil and Gas Versus Water in the Southwest:	Trends in Development of Water Treatment for
	Conflict or Compromise,	Populated Regions (Tendentsii razvitiya
Sedimentational Regimes of the York River,	W74-12549 7-23 6E	obrabotki vody dyla naselennykh mest),
Southeastern Virginia, as Shown by Mass Pro-		W74-00841 7-02 5F
perties,	FAGIOLI, M.	
W74-13473 7-24 2L	Utilization Patterns of the Deep Water by a	FALCIAI, L.
FABER, H. A.	Weeping Lovegrass Crop (Eragrostis curvula	Mercury Concentration in the Water, Sedi-
Information Resource: Final Report Water Pol-	Nees), in a Regosol Soil of the Pampean Semiarid Region, (In Spanish),	ments and Fauna of an Area of the Tyrrhenian
lution Control in Water Utilities,	W74-08682 7-16 21	Coast,
W74-06527 7-13 5F	W /4-06062 /-10 21	W74-12509 7-23 5B
W /4-0032/	FAHLENBOCK, T.	FALCO, J. W.
FABIAN, R. V. JR.	Chemical Handling: The Chemical Feeder and	A Physical Model for Simulation of Aquatic
Determining a Recreational Lake's Tolerance	Its Related System When Applied to Alum,	Ecosystems,
for Development and Usage,	Ferric Chloride, Lime and Polymers,	W74-06573 7-13 5C
W74-07836 7-15 5A	W74-08857 7-17 5D	W/4-003/3
		FALCONER, A.
FABOS, J. G.	FAHY, E.	Studies in the Lake Ontario Basin Using ERTS-
Model for Landscape Resource Assessment,	An Automatic Separator for the Removal of	1 and High Altitude Data,
Part I of the 'Metropolitan Landscape Planning	Aquatic Insects from Detritus,	W74-02599 7-05 7B
Model' (METLAND),	W74-01624 7-03 7B	
W74-02657 7-06 6B		FALK, M. R.
	FAIR, A. E. H.	Unusual Occurrence of the Brook Stickleback
FABRY, M.	Man Bites Dog: The Tale of How a Pulp Mill	(Culaea inconstans) in the Mackenzie River,
The Change in Reactivity of Silicate Anions	Was Rescued from Being Polluted to Death,	Northwest Territories,
During the Hydration of Calcium Silicates and	W74-12955 7-24 5G	W74-01589 7-03 2I
Cement,	FAIRBOURN, M. L.	
W74-10859 7-20 8F	Water Harvesting Efficiencies of Four Soil	FALKNER, C. H.
PACCIANI C	Surface Treatments,	Planning Methodology for the Design of Re-
FACCIANI, S. Philometra nodulosa in Wyoming White	W74-06463 7-12 3B	gional Waste Water Treatment Systems,
	W 74-00403	W74-13018 7-24 5D
Suckers,	FAIRCHILD, J. C.	DATEON C
W74-05329 7-10 5C	Correlation of Littoral Transport with Wave	FALKOW, S.
FACET, T. B.	Energy Along Shores of New York and New	Molecular Relationships Among the Salmonel-
Scheduling and Sequencing in Water Resource	Jersey,	leae,
Investment Models,	W74-03112 7-06 2J	W74-00623 7-02 5B
W74-00172 7-01 6A		FALKSON, J.
	Longshore Transport of Suspended Sediment,	Implementation of Citizen Participation in the
FADDA, G. S.	W74-03369 7-07 2J	Municipal Process,
Hydric Regime of an Argiudol (In Spanish),	FAIRCHILD, R. W.	W74-12468 7-23 6G
W74-05324 7-10 2G	Water Quality and Related Studies, Jackson-	
	ville Area, Florida,	FALLGATTER, W. S.
FADEEVA, V. K.	W74-12077 7-23 5B	Process for the Detection of Hydrogen Sulfide
Characteristics of the Action of Distilled	W 14-12011 1-23 3B	in Drill Bit Cutting,
Drimking Water on the State of the Gastroin-	FAIRCHILD, W. D.	W74-10086 7-19 8G
testinal Tract, (In Russian),	2 Objectives 4 Accounts,	
W74-13374 7-24 5C	W74-09154 7-17 6E	FALLSIDE, F.
FADER, S. W.		An Investigation of the Optional On-Line Con-
Ground Water in the Kansas River Valley,	Evolving Water Policy and Management in the	trol of a Water Supply Network,
Junction City to Kansas City, Kansas,	United States,	W74-12143 7-23 4A
W74-05848 7-11 4B	W74-02358 7-05 6B	EALTED C M
W /4-03040 /-11 4B	m p.1 (W.) at F (1)	FALTER, C. M.
FADEYEVA, M. V.	The Role of Water in the Energy Crisis,	Pollution Effects on Adult Steelhead Migration
Some Patterns of Variations in Average	W74-07962 7-15 6D	in the Snake River, W74-08833 7-17 5C
Monthly River and Groundwater Levels in the	FAIRHALL, A. W.	W74-08833 7-17 5C
Pripyat' Poles'ye Region (Nekotoryye	Accumulation of Fossil CO2 in the Atmosphere	FAN, L-N.
zakonomernosti izmeneniya	and the Sea,	Coastal Movable Bed Scale Model Technology,
srednemesyachnykh urovney rek i podzemnykh	W74-02375 7-05 5C	W74-04949 7-10 2J
vod na territorii Pripyatskogo Poles'ya),	17402515	7-10 23
W74-10263 7-19 4A	FAIRLESS, C.	FAN, L-S.
7-17 41	Hanging Mercury Drop Electrodeposition	Pollution Control and the Behavior of the Firm-
FADRUS, H.	Technique for Carbon Filament Flameless	-A Technical Note,
Photometric Determination of Manganese in	Atomic Absorption Analysis. Application to the	W74-03749 7-07 5G
Water by Using O-Tolidine,	Determination of Copper in Sea Water,	
W74-07315 7-14 2K	W74-02411 7-05 2K	FAN, L. T.
		ATP Pools in Activated Sludge,
FAGERLIND, T.	FAKTOROVICH, K. A.	W74-05914 7-11 5D
Variation of Groundwater Levels and a Calcu-	Increase of Resistance of Carp to Dropsy by	
lation of the Effective Fissure Porosity at the	Means of Breeding. II. Course of Selection and	Biological Wastewater Treatment System
File Hajdar, Gotland,	Evaluation of the Breed Groups, (In Russian),	Design. Part I. Optimal Synthesis,
W74-04260 7-08 2F	W74-01560 7-03 5C	W74-06407 7-12 5D

FAN, L. T.

Biological Wastewater Treatment System Design. Part II. Effects of Parameter Variations on Optimal Process System Structure and	FARMER, H. G. Effects of Friction and Surface Tide Angle of Incidence on the Coastal Generation of Internal	FARRELL, J. B. Lime Stabilization of Primary Sludges, W74-07760 7-15 5D
Design, W74-06408 7-12 5D	Tides, W74-01190 7-03 2E	FARRELL, J. H.
	FARMER, I. W.	Floatage Collecting Apparatus and Method, W74-10587 7-20 5G
Development of Water Quality Models Using	Fatigue Behavior of Rock,	W /4-1038/ /-20 3G
Spectral Analysis and Parameter Estimation Techniques,	W74-09523 7-18 8E	FARRELL, P. J.
W74-08936 7-17 5G	EARMER B C	Treatment of Domestic Wastewater and NSSC
	FARMER, R. C. Three-Dimensional Flow and Sediment Trans-	Pulp and Paper Mill Wastes,
Diffusion of Cattle Manure Solution Through a	port at River Mouths,	W74-06513 7-13 5D
Wet Porous Stratum with Reaction, W74-05591 7-11 5B	W74-09946 7-19 2L	FARRELL, R. P.
W 14-03391 7-11 3B	FARMER, W. J.	The Pressure Sewer: A New Alternative to the
Dynamic Analysis and Optimal Feedback Con-	Volatility of DDT Residues in Soil as Affected	Gravity Sewer, W74-10946 7-21 5D
trol Synthesis Applied to Biological Waste	by Flooding and Organic Matter Applications,	W 74-10946 7-21 3D
Treatment,	W74-07424 7-14 5B	Pressure Sewer Demonstration,
W74-13026 7-24 5D	FARNER, F. A.	W74-10463 7-20 5D
Dynamic Behavior of a Complete-Mixing Ac-	The Effect of Pulp and Paper Mill Effluents on	FARRINGTON, J. W.
tivated Sludge System,	Taste and Odour of the Receiving Water and	Analytical Techniques for the Determination of
W74-04900 7-10 5D	the Fish Therein,	Petroleum Contamination in Marine Organisms,
Modeling and Optimization of Transient Cool-	W74-03085 7-06 5B	W74-04594 7-09 5A
ing Water Discharge from Power Generating	FARNHAM, W. B.	Intercalibration of Analyses of Recently
Plants,	Granite Industry Wastewater Treatment,	Biosynthesized Hydrocarbons and Petroleum
W74-06832 7-13 5B	W74-11790 7-22 5D	Hydrocarbons in Marine Lipids,
Designal Water Owelite Manager to 1	FARODA, A. S.	W74-02390 7-05 5A
Regional Water Quality Management by the	Effect of Seeding Rates and Row Spacings on	FARRINGTON, P.
Generalized Reduced Gradient Method, W74-07311 7-14 5B	Fodder Production of Moth Bean (Phaseolus	The Seasonal Growth of Lovegrass (Eragrostis
#/4-0/311 /-14 3B	aconitifolius),	Curvula) on Deep Sandy Soils In A Semi-Arid
FAN, S. S. T.	W74-07091 7-14 3F	Environment,
Approximate Solution to the Freezing of the	FAROUHAR, G. B.	W74-02942 7-06 3F
Ice-Water System with Constant Heat Flux in	The Sulfate-Reducing Bacteria and Oilfield	FARVOLDEN, R. N.
the Water Phase, W74-09903 7-19 2C	Bacterial Corrosion - A Review of the Current	Sensitivity Analysis of Input Parameters in Nu-
W 14-03303 7-19 2C	State-of-the-Art, W74-07902 7-15 8G	merical Modeling of Steady State Regional
FANG, C. S.	W74-07902 7-15 8G	Groundwater Flow,
The Design of the Monitoring System for the	FARQUHAR, G. J.	W74-09900 7-19 2F
Thermal Effect Study of the Surry Nuclear	Infiltration and Landfill Behavior,	FARWELL, S. O.
Power Plant on the James River, W74-04246 7-08 5B	W74-08083 7-15 5B	Voltammetric Identification of Organochlorine
W/4-04240 /-08 3B	Water Quality Models Using the Box-Jenkins	Insecticides, Polychlorinated Biphenyls,
FANGMEIER, D. D.	Method,	Polychlorinated Naphthalenes and Polychlorinated Benzenes,
A Way to Make the Desert Green,	W74-09113 7-17 5B	W74-02389 7-05 5A
W74-02346 7-05 3B	FARQUHAR, O. C.	
FANNING, K. A.	Diversion of Flood Flows from the Connecticut	FASOLI, U.
The Lack of Inorganic Removal of Dissolved	River and the Effect on Groundwater Supplies,	The Biodegradation of Hydrocarbons, W74-13300 7-24 5B
Silica During River-Ocean Mixing,	W74-02847 7-06 4B	W 74-13300 7-24 3B
W74-12724 7-23 5G	FARR, D. F.	FASSEL, V. A.
FARHA, J. JR.	Aquatic Fungi in Rivers: Their Distribution and	Inductively Coupled Plasma-Optical Emission
Polluted Water Purification.	Response to Pollutants,	Analytical Spectrometry. A Compact Facility for Trace Analysis of Solutions,
W74-11407 7-21 5D	W74-09810 7-19 5C	W74-05309 7-10 5A
	FARR, F. JR.	
FARINA, M. P. W.	Columbus Replaces Historic Water Treatment	Lateral Diffusion Interferences in Flame
Effects of Rainfall and Differential Application	Plant,	Atomic Absorption and Emission Spec- trometry,
of N, P, K and Ca on the Downward Move- ment of K in an Avalon Medium Sandy Loam	W74-10888 7-20 5D	W74-01342 7-03 2K
Cropped with Maize (Zea Mays L.),	FARRAND, R. L.	
W74-13251 7-24 2G	Collection, Detection, Identification, and	FAST, A.
PARKIC #	Quantitation of Human Effluents,	Summertime Artificial Aeration Increases Winter Oxygen Levels in a Michigan Lake,
FARKAS, T.	W74-07912 7-15 5A	W74-12968 7-24 5G
A Possible Explanation for the Differences in the Fatty Acid Composition of Fresh-Water	FARRELL, D. A.	
and Marine Fishes,	Computer Analysis of the Pore Structure of	FAST, A. W.
W74-04688 7-09 5C	Isotropic Porous Media, W74-12815 7-24 2F	Effects of Artificial Aeration on the Chemistry and Algae of Two Michigan Lakes,
PADI IN C	1-24 2F	W74-00048 7-01 5C
FARLIN, S. Waste Management and Animal Performance,	Splash Correction Factors for Soil Erosion Stu-	PM - 4 - 10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
W74-00132 7-01 5G	dies,	Effects of Artificial Hypolimnion Aeration and Rainbow Trout (Salmo gairdneri Richardson)
7-01 30	W74-10210 7-19 2J	Depth Distribution,
FARMER, D. M.	FARRELL, D. F.	W74-06041 7-12 5C
The Influence of Wind on the Surface Waters of Alberni Inlet,	Water Resources of the Taunton River Basin Southeastern Massachusetts.	A New Aquatic Insect Trap,
W74-07497 7-14 2L	W74-07190 7-14 7C	W74-02551 7-05 7B
1-14 61		1705 IB

Summertime Artificial Aeration Increases	FAVRETTO, L.	FEDOROVA, I. S.
Winter Oxygen Levels in a Michigan Lake,	Typical Level of Lead in Mytilus Galloprovin-	Mapping of Suspended-Sediment Discharge in
W74-11939 7-22 5C	cialis LMK From The Gulf of Trieste, W74-11290 7-21 5B	Complex Atlases (Kartografirovaniye stoka vz-
FATEYEV, V. P.	W74-11290 7-21 5B	veshennykh nanosov v kompleksnykh at- lasakh).
Catalog of USSR Glaciers. Volume 14. Soviet	FAY, P.	W74-06452 7-12 2J
Central Asia. No. 1. Syrdar'ya. Part 6. Atbashi	The Heterocyst,	
River Basin (Katalog lednikov SSSR. Tom 14.	W74-12574 7-23 5C	FEDOROWICZ, Z.
Srednyaya Aziya. Vypusk 1. Syrdar'ya. Chast'	FAY, R. C.	Methods of the Calculation of Cost-Benefit in
6. Basseyn r. Atbashi), W74-11220 7-21 2C	Southern California's Deteriorating Marine En-	the Construction of Seaports, W74-03464 7-07 6B
W/4-11220 /-21 2C	vironment, An Evaluation of the Health of the	W /4-03404 /-U/ 6B
FATT, I.	Benthic Marine Biota of Ventura, Los Angeles	FEDORTSOV, N. P.
Detection and Estimation of Dead-End Pore	and Orange Counties,	Problems of Water Supply of an Industrial
Volume in Reservoir Rock by Conventional Laboratory Tests,	W74-00877 7-02 5C	Town Near a Watershed (Problemy vodosnabz-
W74-00944 7-02 8G	FAYARD, L. D.	heniya privodorazdel'nogo promyshlennogo goroda),
	Water Quality and Waste Assimilative Capacity	goroda), W74-10378 7-20 3E
FATTAH, Q. N.	of the Pearl River Below Bogalusa, Louisiana,	W14-10370 7-20 3E
Dispersion of Substances from Well Recharge	W74-01922 7-04 5B	FEDOSEEVA, G. E.
Operations in an Anisotropic, Homogeneous Confined Aquifer,	FAYE, R. E.	Breakdown of Benzo(A) Pyrene by Microor-
W74-02454 7-05 2F	Ground-Water Hydrology of Northern Napa	ganisms in Waste Waters, (In Russian),
	Valley, California,	W74-05943 7-11 5B
FAULKNER, G. L.	W74-06880 7-13 2F	FEE, E. J.
Hydrogeology of Subsurface Liquid-Waste Storage in Florida,	FAZZOLARE, R. A.	Diurnal Variation of Dissolved Inorganic Car-
W74-03361 7-07 5E	Conceptual Design Evaluation of a Physical-	bon and its Use in Estimating Primary Produc-
	Chemical Domestic Waste Treatment System	tion and CO2 Invasion in Lake 227,
Injection of Acidic Industrial Waste inot a	Utilizing Power Plant Waste Heat,	W74-04784 7-09 5A
Saline Carbonate Aquifer: Geochemical Aspects.	W74-09253 7-18 5D	A Numerical Model for Determining Integral
W74-03243 7-07 5E	Nuclear Power Plant Heat Rejection in an Arid	Primary Production and Its Application to Lake
	Climate,	Michigan,
Quantity and Quality of Surface Water in	W74-02887 7-06 5D	W74-04786 7-09 5C
Marion County, Florida, W74-08044 7-15 7C	The Use of Power Plant Heat in a Physical-	FEILER, H. D.
W /4-06044	Chemical Domestic Wastewater Renovation	Evaluation of Ion Exchange Processes for
FAURE, A.	System,	Treatment of Mine Drainage Waters,
Contribution to the Study of the Mechanism of		W74-08341 7-16 5D
Soil Compaction: The concept of Lubrication	FEDDES, R. A.	FEISS, C.
Potential, (In French), W74-08700 7-16 2G		The Demographic, Political, and Administrative
7-10 20	gence,	Setting,
FAUSEY, N. R.	W74-00930 7-02 3F	W74-09058 7-17 6B
Comparison of Drainage Methods in a Heavy- Textured Soil,	FEDDES, R. A. AND	FEISTER, C.
W74-10881 7-20 3F		Data Bank Inventory: Vol. IIChesapeake
	W74-04655 7-09 3F	Bay, Edition 1, 1949 Through 1970,
FAUST, A. R. Phytoplankton Community Structure and	FEDELI, E.	W74-11026 7-21 2L
Nutrient Relationships in Lake Carl Blackwell,		FEIT, D. M.
Oklahoma,	Thermal Muds: III. The Lipid Fractions of the	Warm Fog Dispersal Techniques,
W74-07992 7-15 2H		W74-11200 7-21 3B
FAUST, M. A.	W74-12739 7-23 2J	
Effect of Light Intensity and Glycerol on the	FEDER, H. M.	FEITELSON, J. Photoionization of Phenols in Water: Effects of
Growth, Pigment Composition, and Ultrastruc-		Light Intensity, Oxygen, pH, and Temperature,
ture of Chroomonas Sp.,	W74-06430 7-12 2L	W74-12169 7-23 5B
W74-07548 7-14 5C	FEDERER, C. A.	
FAUST, R. J.	Forest Transpiration Greatly Speeds Stream-	FEKETE, G. Leaf Anatomical and Photosynthetical Reac-
Environmental Geology and Hydrology, Madis-	flow Recession,	tions of Quercus Pubescens Willd. to Environ-
on County, Alabama: Water Resources,	W74-02766 7-06 2D	mental Factors in Various Ecosystems: I. Leaf
W74-04911 7-10 4B	Tree Water Stress in Relation to Water Yield In	Anatomical Reactions,
FAUST, S. D.	a Hardwood Forest,	W74-12545 7-23 2I
Atmospheric Reaeration Capacity of Streams.		FELD, I. L.
Part I. Critical Review of Methods Available to		Laboratory Flotation Studies of Tennessee
Measure and to Calculate the Atmospheric Reaeration Rate Constant,	Soil of North Dagestan, (In Russian),	Phosphates in the Presence of Slimes,
W74-02916 7-06 5C		W74-08588 7-16 5D
		FELD, S.
Atmospheric Reaeration Capacity of Streams. Part II. Direct Measurement of the Atmospher-		Economic Growth and the Generation of
ic Reaeration Rate Constant in the Upper		Waterborne Wastes,
Raritan River Basin,	W74-10260 7-19 2E	W74-12782 7-24 5B
W74-02917 7-06 5C	FEDOROVA, E. I.	FELDMAN, A. D.
Injecting Highly Treated Sewage Into a Deep-		A Model for Evaluating Runoff-Quality in
Sand Aquifer,	Basins, (In Russian),	Metropolitan Master Planning,
W74-13310 7-24 5E	W74-01017 7-02 5C	W74-10396 7-20 5D

FELDMAN, C.

FELDMAN, C. Preservation of Dilute Mercury Sol	lutions, 7-10 5A	Radionuclide Biomagnification Deer, W74-05189	on in Coastal-Plain 7-10 5B	FERGUSON, W. S. Analytical Methodology for Me	rcury-Disci	us-
W74-05310	7-10 3A		7-10 3B	W74-06793	7-13	5A
FELDMAN, M. H.	humana Pata	FENG, F. H.	Ibata France	FERM, J. C.		
Petroleum Weathering: Some Path and Disposition on Marine Waters,		Effect of Insoluble Grains of Porous Beds.	on Leachate From	Measurements of Beach Proces	ss Variabl	es.
W74-12084	7-23 5B	W74-00379	7-01 5B	Outer Banks, North Carolina, W74-04205	7-08	
FELFOLDY, L. J. M. Some Methodical Observations of		FENG, S. Y. Shellfish Culture Using the	e Heated Effluent	FERM, R. L. Process for Treating Oil Slicks Us	sing Chemi	cal
Antibiotics for Preparing Bacteri Cultures,	a-rree Aigai	from Electric Power Plants, W74-13045	7-24 5C	Agents.	mig Chemi	- Lan
W74-08724	7-17 5C	W /4-13043	1-24 30	W74-11059	7-21	5G
PELICINI C B		FENG, T. H.		FERNANDEZ, P.		
FELICINI, G. P. Research on Red Algal Pigments.	5. The Effect	Taste Thresholds of Halogen W74-00119		Algorithm for Solving a Class of	f Linear P	ro-
of the Intensity of White and Gre		W /4-00119	7-01 5F	gramming Problems Related t	to Reserv	oir
the Rate of Photosynthesis and its		FENNELL, H.		Management and Design,	7-02	4.4
to Pigment Components in Gracila sa (C. AG.) Grev. (Rhodophye		Pollution of a Storage Rese	ervoir by Roosting	W74-00667	7-02	4/
tinales),	ceae, Gigai-	Gulls, W74-13316	7-24 5D	FERNANDEZ-RIVAS, R.		
W74-05300	7-10 5C		1-24 32	Geothermal Resources of Guater America.	mala, Cent	ral
PELIZADDO P.C		FENTON, R. W.		W74-08976	7-17	2F
FELIZARDO, B. C. Nitrogen, Salinity, and Acidity D	istribution in	Decision Making Und Economic Evaluation of Stre				-
an Irrigated Orchard Soil as Affec		W74-13044	7-24 4A	FERNANDO, G. H.	tamonita En	
ment of Nitrogen Fertilizers,				On the Characterization of the P of Yellow Perch (Perca fluviatili		
W74-10343	7-19 3C	FENYUK, P. I.	'4' 1 D''	Lakes, in Southern Ontario, Cana		
FELKEL, H. L. JR.		A Study of Diisopropylguan pylguanidine Hydrochloride		W74-09541	7-18	5B
Spectrophotometric Determination		Hygienic Levels in Water Bo		FERRAR, T. A.		
and Iron Subsequent to the Simu traction of BIS(2,9-Dimet		W74-10598	7-20 5C	Effluent Charges-A Price on Pollu		
Penanthroline) Copper (I) and		FEODOROFF, A.		W74-13320	7-24	5G
TRI(2-Pyridyl)-1, 3, 5-Triazine) 1		Infiltration and Leaching of		Nonlinear Effluent Charges,		
Propylene Carbonate,	7.00 54	in an Unsaturated Soil:		W74-00886	7-02	5G
W74-11910	7-22 5A	Moisture Content, (in French W74-01752	h), 7-04 2G	FERRARI, I.		
FELSENTHAL, M.		W /4-01/32	7-04 20	Notes on the Dynamics of the	Reproduct	ive
How to Diagnose a Thief Zone,	2 22 20	FEREBEE, R. N.		Activity of Arctodiaptomus Baci		
W74-12536	7-23 8G	The Effects of Selected Her		Altitude Alpine Lakes,		
FELSTEHAUSEN, H.		al Populations in an Aquatic W74-05484	7-11 5C	W74-01209	7-03	211
Institutional Factors in the Creat	tion of Local	*********	7-11 50	FERRARO, D.		
Sanitary Districts in Wisconsin, W74-09811	7-19 5D	FERENS, M. C.		The Effect of Heavy Metal on Pro	otein Synth	es
W 74-03611	7-19 30	A Review of the Physiologicurials.	ical Impact of Mer-	is in Crustaceans and Fish, W74-11295	7-21	SC
FELTES, R. M.		W74-10548	7-20 5C		1-21	30
Petroleum Systems Reliability And gram for Prevention of Oil Spills				FERRATO, A. MARTINEZ DE		.1.
gineering Approach to a Study of		FERGUSON, D. E. Annual Compilation and An	alusis of Hudralas	Preliminary Results of Studies Plankton of the 'Laguna Setuba		
Onshore Crude Oil Petroleu		ic Data for Urban Studies		Argentina), (In Spanish),	n (Santa	
Volume II - Appendices, W74-07957	7-15 5G	Texas Metropolitan Area, 19	971,	W74-06238	7-12	2H
W /4-0/93/	7-13 3G	W74-02471	7-05 2E	FERREL, R. E. JR.		
Petroleum Systems Reliabilit		FERGUSON, F. F.		The Significance of Ion Exchange	to Intersti	itia
Volume I - Engineering Report, A Prevention of Oil Spills Using an		Effect of Marisa Cornuariet		Solutions in Clayey Sediments,	7.00	-
Approach to a Study of Offshore		Biomphalaria Glabrata in Fa	rm Ponds of Puerto	W74-04268	7-08	ZK
Crude Oil Petroleum Systems,		Rico, W74-12693	7-23 2H	FERRELL, C. L.		
W74-02947	7-06 5G		1-23 2H	Continued Recycling of Cattle Ma		
FELTIS, R. D.		FERGUSON, H. L.		W74-00424	7-01	3L
Geology and Water Resources of	Eastern Part	Processing and Storage of H Data in the Atmospheric En		FERRELL, R. E. JR.		
of Judith Basin, Montana, W74-06263	7-12 2F	W74-01290	7-03 7C	Geochemical Hydrology of the Aquifers,	Baton Ro	uge
W /4-00203	7-12 ZF			W74-03335	7-07	41
FELTNER, K. C.		FERGUSON, J. Apparatus for Studies of Ar	tificial Sediments			
Venice Mallow Competition in So W74-06077	ybeans, 7-12 3F	W74-04057	7-08 2J	FERREN, W. P. Determination of Potassium by	Means of	the
FEMENIA, J.		FERGUSON, R. G.		Cotlove Chloridometer, W74-05450	7-11	54
Development of a Pollution-Free		The Preferred Temperature				
Cleaning System for Use on Board		Midsummer Distribution in and Streams,	1 emperate Lakes	Ultrasonic Solubilization Technic	que for Us	e ii
W74-10249	7-19 5D	W74-04666	7-09 5C	Coulometry, W74-05497	7-11	5/
FENDLEY, T. T.						54
Cesium-137 in White-Tailed Deer Vegetation and Soils of the		FERGUSON, T. L. Pyrolysis as a Method of	Disposal of Cattle	FERRETTI, R. A Study of the Effluent Treats	ment from	91
United States,	Southeastern	Feedlot Wastes,	Disposar or Carde	Italian Paper Mill,	ment Hom	a
W74-05190	7-10 5B	W74-09673	7-18 5D	W74-12425	7-23	51

RRI, M. G. Contribution to Knowledg Anatomy of Species of a 'C Negro (Amazon), (In Portug W74-04682 RRIANS, O. J. JR. Mapping and Predicting Problems Posed by the Tran W74-04398 Permafrost-Related Engi Problems Posed by the Tran W74-04416 RRIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 CTH, J. H. Nitrogen Compounds in Review, W74-00563 CTH, J. H. Toxicity of Chromium Aerobic Conditions, W74-11360 CTTER, R. H. Groundwater Recharge wiwater.			
Negro (Åmazon), (In Portug W74-04682 RRIANS, O. J. JR. Mapping and Predicting Power of the Marchael of the Ma	e about the	e L	e
RRIANS, O. J. JR. Mapping and Predicting Polymerica: A Review, 1963-15 W74-04398 Permafrost-Related Engi Problems Posed by the Tran W74-04416 RRIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RTI, J. H. Nitrogen Compounds in Review, W74-00402 RTNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	uese),	-09	
Mapping and Predicting Peamerica: A Review, 1963-15 W74-04398 Permafrost-Related Engi Problems Posed by the Tran W74-04416 RRIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea ica, W74-00563 CTH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
America: A Review, 1963-15 W74-04398 Permafrost-Related Engi Problems Posed by the Tran W74-04416 ERIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea- ica, W74-00563 ERIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea- ica, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-11360 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	amafaas in	Ma	
W74-04398 Permafrost-Related Engi Problems Posed by the Tran W74-04416 RRIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Es ica, W74-00563 RTH, J. H. Nitrogen Compounds in Review, W74-00402 RTNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w		NO	1
Permafrost-Related Engi Problems Posed by the Tran W74-04416 RRIS, J. M. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea ica, W74-00563 TTH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w		09	-
Problems Posed by the Tran W74-04416 IRRIS, J. M. Biota of Freshwater Ecosy. Manual No. 10 Genera of	,-	0,	•
W74-04416 RRIS, J. M. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Easica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Easica, W74-00563 TH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium (Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w		ieol	
ERRIS, J. M. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Esica, W74-00563 ERRIS, V. R. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Esica, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-0402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Eastera, W74-00563 ERRIS, V. R. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Eastera, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium of Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge with the control of the conditions of	7-	09	8
Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Eastera, W74-00563 ERRIS, V. R. Biota of Freshwater Ecosymanual No. 10 Genera of matodes (Nematoda) of Eastera, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium of Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge with the control of the conditions of			
Manual No. 10 General of matodes (Nematoda) of Esicia, W74-00563 ERRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 General of matodes (Nematoda) of Esicia, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-0402 ETNER, R. H. Toxicity of Chromium of Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	stems Identi	ficat	ti
matodes (Nematoda) of Ea ica, W74-00563 GRRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ea ica, W74-00563 GTH, J. H. Nitrogen Compounds in Review, W74-00402 GTNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360			
ica, W74-00563 RRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ecica, W74-00563 TH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
ERRIS, V. R. Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Estica, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ec ica, W74-00563 TH, J. H. Nitrogen Compounds in Review, W74-00402 TTNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	7	-02	
Biota of Freshwater Ecosy Manual No. 10 Genera of matodes (Nematoda) of Ec ica, W74-00563 TH, J. H. Nitrogen Compounds in Review, W74-00402 TTNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Manual No. 10 Genera of matodes (Nematoda) of Ericia, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium (Aerobic Conditions, W74-11360) ETTER, C. W. JR. Groundwater Recharge w	stame Identi	fica	
matodes (Nematoda) of Erica, ica, w74-00563 TH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
ica, W74-00563 ETH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
TH, J. H. Nitrogen Compounds in Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	2010111 110111		
Nitrogen Compounds in Review, W74-00402 TNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	7	-02	
Nitrogen Compounds in Review, W74-00402 TNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Review, W74-00402 ETNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	Natural W	ate	r-
TNER, R. H. Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	7-	-01	
Toxicity of Chromium Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w			
Aerobic Conditions, W74-11360 ETTER, C. W. JR. Groundwater Recharge w	Compounds	Ur	36
W74-11360 ETTER, C. W. JR. Groundwater Recharge w	inpounds		1
Groundwater Recharge w	7.	-21	
Groundwater Recharge w			
	th Teasted	187-	
water,	ith Treated	w a	18
W74-05552	7.	-11	
11 14-03332	/-		

721 50
FETTER, C. W. JR.
Groundwater Recharge with Treated Waste-
water,
W74-05552 7-11 5D
Water Quality and Pollution-South Fork of Long Island, New York,
W74-12313 7-23 5B
FETTEROLF, C. M. JR.
Mixing Zone Concepts,
W74-12177 7-23 5G

FEUILLADE, J. Study of the Physico-Chemistry of a River System in the French Morvan: II. Seasonal Variations and Influence of Reservoirs on Rivers, (In French), W74-11159 7-21 2K

FEUILLADE, J. AND Comparative Study, in 1966 and 1967, of Three Reservoirs in the Project of a Natural Park in the Morvan Region (In French), W74-04815 7-09 5C

FEUILLADE, M. Comparative Study, in 1966 and 1967, of Three Reservoirs in the Project of a Natural Park in the Morvan Region (In French), 7-09 5C W74-04815

FEY, D. AND Changes in the Avifauna of the Biesbosch in the 1st Yr After the Elimination of the Tide, W74-04699 7-09 2I

FFOLLIOTT, P. F. Development of a Time-Space Prediction Technique to Evaluate Snowpacks in and Adjacent to Forest Openings, W74-01231 7-03 3B

A Preliminary Assessment of Snowfall Interception in Arizona Ponderosa Pine Forest,

FICKE, H. H. A Design and Economic Evaluation of Catalytic Oxidation of Phenols in Wastewater, W74-06516

FICKE, J. F. AND Lakes in the Boulder-Fort Collins-Greeley Area, Front Range Urban Corridor, Colorado, W74-04496 7-09 2H FIDDES, D.

A Reservoir Model Alternative to the Unit Hydrograph for Flood Estimation, W74-10432 7-20 4A

FIDELI, I. Corrosion Resistance of Piping and Construction Materials. W74-07888 7-15 8G

FIDLER, R. E. Availability of Water from Limestone and Dolomite Aquifers in Southwest Ohio and the Relation of Water Quality to the Regional Flow System. W74-00336 7-01 4R

FIEDLER, U. Selectrode - the Universal Ion-Selective Electrode. Part VII. A Valinomycin-Based Potassium Electrode with Nonporous Polymer Membrane and Solid-State Inner Reference System, W74-06765

FIEHN, G. Studies on Internal Reuse of Sulfite Evaporator Condensates (Untersuchungen zur inner-betrieblichen Wiederverwending von Sulfitablaugeneindampfkondensaten), W74-09453 7-18 SD

FIELD, B. H. Skimmer Trap, W74-04713 7-09 5G

FIELD, J. S.

Investigation of the Effect of Coatings on the Failure Mechanisms of Fiberglass Yarn in Tubular Reverse Osmosis Supports, 7-04 3A W74-01935 FIELD, R.

Stormflow Pollution Control in the U.S., W74-07256 7-14 5D Water Pollution and Associated Effects from Street Salting, W74-08306

FIELD, S. J. The Pine-Popple River Basin--Hydrology of a Wild River Area, Northeastern Wisconsin, W74-09223 FIELDS, D. E.

Toxic Materials, W74-12022 7-23 5B Development of an Environmental Unified Transport Model for Toxic Materials, W74-12906

Development of a Unified Transport Model for

FIEREK. P. Dynamics of Changes in the Concentration of Fluorine Compounds Emitted by the Phosphorus Fertilizer Manufacturing Establishment in Pozan, and Their Influence on Surface

and Underground Waters and on the Atmosphere Within th e Limits of the City of Poznan, (In Polish),

FIERING, M. A Water Quality Simulation Model, W74-02683 7-06 5B

FIERING, M. B. Simulation Models for Water-Resource Systems: Their Utility in Measuring Physical and Economic Effects of Weather Forecasting and Weather Modification: Summary Report, W74-01463 7-03 3B

FIERO, G. W. JR. Use of Hydrochemistry for Interpreting Ground-Water Flow Systems in Central Nevada. W74-08453 7-16 2F

FIKSINSKA, O. Dynamics of Changes in the Concentration of Fluorine Compounds Emitted by the Phosphorus Fertilizer Manufacturing Establishment in Pozan, and Their Influence on Surface and Underground Waters and on the Atmosphere Within the Limits of the City of Poznan, (In Polish), W74-07021 7-13 SB

FILATOVA, T. N. A Dynamic Method and Its Application to Investigations of Currents in Inland Bodies of Water (Dinamicheskiy metod i yego primeneniye dlya issledovaniy techeniy vo vnutrennikh vodoyemakh), W74-09105 7-17 2H

Thermal Characteristics and Vertical Exchange in Meromictic Lakes as Illustrated by Lake Gek-Gel' (Termicheskive osobennosti i vertikal'nyy obmen v meromikticheskikh ozerakh na primere oz. Gek-Gel'). 7-17 2H W74-09108

FILIMONOV, A. I. Movement of Water Along the Shore and Normal to it in the Near-Shore Zone of a Shallow-Water Coast, W74-05028 7-10 21.

FILIMONOVA, Z. I. Biocoenoses of the Palustrine Bodies of Water of the Southern Part of the Lake Onega-White Sea Watershed, (In Russian), W74-09127 7-17 SC

FILION, C. Spatial Variability of the Productivity: Biomass Ratio for Phytoplankton in a Small Marine Basin. W74-05316 7-10 SC FILIP, A.

Correlation Between Turbidity and Iron Content of the Filter Effluent of Well Origin, W74-09526

FILIPPOV. A. KH. Statistical Characteristics of Thunderstorms in Yakutsk Assr (Statisticheskiye kharakteristiki groz Yakutii), W74-04253 7-08 2B

FILIPPOV, V. V. Fundamentals of Automatic Control of Meteorological Data, W74-06724 7-13 2B

FINA, L. R.

FINA, L. R.	FINSTEIN, M. S.	FISCHER, W. H.
Method of Disinfecting Water and Demand	Distribution of Autotrophic Nitrifying Bacteria	Management and Administration of Ground
Bactericide for Use Therein,	in a Polluted Stream,	Water in Interstate Aquifers, Phase II,
W74-12442 7-23 5F	W74-06834 7-13 5C	W74-10537 7-20 4B
FINAN, M.	FIRNHABER, R. B.	FISCHL, M.
The Development of a New Water Treatment,	Whither Clarified Sludge. (Wohin mit dem	A Systematic Study of the Variables Involved
W74-10614 7-20 5D	Klaerschlamm.),	in the Reverse-Phase Thin-Layer Chromatog-
M. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	W74-05266 7-10 5E	raphy of Oxyethylated Alkyl Sulfate Surfac-
FINCH, R.	DIRPL M	tants,
Effects of Regulatory Guidelines of the Intake	FIRPI, M. Study on the Toxicity on Fishes and the	W74-01358 7-03 5A
of Mercury from Fish - the MECCA Project, W74-11372 7-21 5C	Biodegradability of the Paper-Mill Wastes, in	FISCHTHAL, J.
W74-11372 7-21 5C	Relation to the Biocides Used,	Digenetic Trematodes of Fish From Volta
FINCHER, D. R.	W74-12419 7-23 5C	River Drainage System in Ghana Prior to Con-
Coupon Corrosion Rates Versus Hydrogen		struction of Volta Dam at Akosombo in May
Probe Activity,	FIRSOV, A. I.	1964,
W74-07857 7-15 8G	Final Purification of Biochemically Treated Ef- fluents from Wood Rosin Extraction Factories	W74-02077 7-04 21
A Review of Corrosion Monitoring Techniques,	(Doochistka biokhimicheski ochishchennykh	macric B I
W74-12550 7-23 8G	stokov kanifol'no-ekstraktsionnogo proizvodst-	FISCUS, E. L. Water Relations and Growth of Cotton in Dry-
77-12330	va).	ing Soil,
FINCHER, E. L.	W74-12960 7-24 5D	W74-08272 7-16 2G
Parabiotic Growth Characteristics of Selected		7-10 20
Sewage Bacteria,	FIRSTMAN, S. I.	FISCUS, G. I.
W74-03203 7-07 5C	Port Collection and Separation Facilities for	1971 Puget Sound Fall Chinook Salmon
FINDLEY, R.	Oily Wastes, Volumes I-IV,	Tagging Study,
The Bittersweet Waters of the Lower	W74-10357 7-20 5D	W74-08452 7-16 8I
Colorado.	FIRTH, J. N.	FISH, D. C. E.
W74-07292 7-14 3F	Process/Financial Models,	Inflatable Dams and Dam Units,
	W74-12112 7-23 6A	W74-07210 7-14 8A
FINDLEY, R. W.		
The Planning of a Corps of Engineers Reser-	FIRTH, R. L.	FISHBACH, P. E.
voir Project: Law, Economics and Politics, W74-10064 7-19 6B	Fluid Filter, W74-13334 7-24 5D	Reuse Irrigation Cuts Costs,
W/4-10004 /-19 0B	W 74-13334 7-24 3D	W74-03194 7-06 5D
FINE, L. O.	FISACKERLY, G. M.	FISHELSON, G.
The Significance of Rainfall on Salt and Sodi-	Grays Harbor Estuary, Washington; Report 1,	The Optimal Time to Start the Operation of a
um Accumulations Under Irrigation,	Verification And Base Tests. Appendix A: Sup-	Desalting Plant in Israel,
W74-07743 7-15 3C	plementary Base Test Data; Hydraulic Model	W74-03750 7-07 3A
PTAIL IN IT	Investigation,	
FINK, D. H. An Equation for Describing Water Vapor Ad-	W74-10317 7-19 8B	FISHER, B. D.
sorption Isotherms of Soils,	FISCHBACH, P. E.	How Polyacrylamides can Help Effluent
W74-01087 7-02 2G	Movement of Nitrates Under Irrigated Agricul-	Problems,
	ture,	W74-07391 7-14 5D
Wax-Treated Soils for Harvesting Water,	W74-04139 7-08 5B	Water PollutionThe Tennessee Response;
W74-06457 7-12 3B		Conclusions and Generalizations,
FINKLEA, J.	Movement of Nitrates Under Irrigated Agricul-	W74-02794 7-06 6E
Polychlorinated Biphenyl Residues in Human	ture, W74-05666 7-11 5B	
Plasma Expose a Major Urban Pollution	W/4-03000 /-11 3B	FISHER, C. O.
Problem,	FISCHER, D. W.	Industrial Aspects of Wetland Uses,
W74-02078 7-04 5B	Water Resource Development and Environ-	W74-08171 7-16 6E
	ment - An Approach to Impact Analysis,	FISHER, D.
FINLAY, L. W. The Draft United Nations Convention on the	W74-10122 7-19 6G	Subglacial Leakage of Summit Lake, British
International Seabed AreaAmerican Petrole-	FISCHER, H. B.	Columbia, by Dye Determinations,
um Institute Position,	A Numerical Model of Material Transport in	W74-09332 7-18 2C
W74-00859 7-02 5G	Salt-Wedge Estuaries, Parts I and II,	
. 02 30	W74-12057 7-23 2L	FISHER, D. W.
FINLAYSON, J. B.		Chemical Weathering of Serpentinite in the
The Collection and Analysis of Volcanic and	FISCHER, J. R.	Eastern Piedmont of Maryland, W74-05729 7-11 2J
Hydrothermal Gases,	Development of Field-Applied DDT,	W74-05729 7-11 2J
W74-09016 7-17 2K	W74-12218 7-23 5G	FISHER, E. M. R.
FINLEY, J. R.	FISCHER, L. K.	Radioactive Fallout in Air and Rain: Results to
Measuring Impacts of Water Resource	Environmental Aspects of Energy-Water Rela-	the Middle of 1973,
Developments on the Human Environment,	tionships,	W74-09876 7-19 5B
W74-05338 7-10 6G	W74-07965 7-15 6D	FISHER, F.
FINLEY, J. S.	FISCHER, R. C.	Observations on the Spawning of the Mississip-
Paraffin Hydrocarbon Patterns in Petroleum-	Development of Asphalt Moisture Barrier	pi Silversides, Menidia Audens, Hay,
Polluted Mussels.	Equipment.	W74-12688 7-23 8I
W74-05326 7-10 5A	W74-06586 7-13 3F	
		FISHER, G. B.
FINNERTY, W. R.	FISCHER, W. A.	Perhalobenzenesulfinates as Reagents in the
Microbes and Petroleum: Perspectives and Im-	Preliminary Geologic Application of ERTS-1	Determination of Inorganic Mercury in Various
plications, W74-08621 7-16 5B	Imagery in Alaska, W74-01693 7-04 7C	Media by Gas-Liquid Chromatography, W74-05482 7-11 5A
7*10 3B	7-04 /	7-11 JA

FISK, A. T.

FISHER, J.

Time Dependent Shear Stress Beneath a Shoal-

FLANIGAN, L. K.

Centrifuge Coalescer Concept for Separating Relationships of Indicator and Pathogenic Bac-

ing Wave, W74-04213 7-08 2J	Oil from Water Discharged from Ships, W74-09203 7-17 5G	teria in Stream Waters, W74-01645 7-03 5B
FISHER, J. C. AND Ouantity and Chemical Quality of Low Flow in	FISK, S. D. Delays in the Operation of Subsurface	FLATLAND, L. P. Skimmer for a Water Body,
the East Fork San Jacinto and West Fork San	Drainage Trenching Machines,	W74-03017 7-06 5G
Jacinto Rivers near Houston, Texas, June 24, 26, 1969,	W74-09794 7-18 8C	FLECK, W. B.
W74-04481 7-09 5B	FITCH, W. N. Cost Effectiveness of Regional Wastewater	Hydrologic Data of the Neponset and Weymouth River Basins, Massachusetts,
FISHER, J. L.	Systems,	W74-09945 7-19 4A
Population Growth, Resource Availability and Environmental Quality,	W74-05632 7-11 5D	Hydrology and Water Resources of the Nepon-
W74-05614 7-11 6B	FITCHETT, D. A. A Model of Irrigated Agriculture and Regional	set and Weymouth River Basins, Mas- sachusetts.
FISHER, J. S.	Development in Southern Argentina: The Rio	W74-02480 7-05 7C
Analytical Modeling of Estuarine Circulation, W74-00386 7-01 2L	Negro Basin, W74-07306 7-14 6A	FLECKSEDER, H.
Mathematical Simulation of Tidal Time-	FITZGERALD, A. D.	Pulp Mill Waste Waters: Discharge and Purifi- cation (Zellstoffabwaesser: Anfall and
Averages of Salinity and Velocity Profiles in	A Review of Colour Reduction Technology in	Reinigung),
Estuaries, W74-03348 7-07 2L	Pulp and Paper Mill Effluents, W74-07406 7-14 5D	W74-09455 7-18 5D
FISHER, L. J.		FLEET, B.
An Annotated Bibliography of Flushing and	FITZGERALD, G. P. Applications of Growth and Sorption Algal As-	Gradient Titration-A Novel Approach to Con- tinuous Monitoring Using ion-selective Elec-
Dispersion in Tidal Waters, W74-04731 7-09 2L	says, W74-08154 7-16 5C	trodes, W74-05303 7-10 2K
Preliminary Results and Comparison of Dye		
Tracer Studies Conducted in Harbors, Estua-	Bioassay Analysis of Nutrient Availability, W74-01803 7-04 5C	Investigation of the Factors Affecting the Response Time of a Calcium Selective Liquid
ries, and Coastal Waters, W74-03705 7-07 5B	FITZGERALD, P. D.	Membrane Electrode, W74-05304 7-10 2K
FISHER, R. P.	Water Requirements of Rostered Irrigation	
An Investigation of Atomic Absorption Analy-	Schemes, W74-05667 7-11 3F	FLEGAL, C. J. The Effects of Continuous Recycling and
sis of Mill Effluent Metal Ion Content, W74-03543 7-07 5A	FITZSIMMONS, D. W.	Storage on Nutrient Quality of Dehydrated
FISHER, R. V.	Tensiometer-Pressure Transducer System for	Poultry Waste (DPW), W74-09687 7-18 5D
Antidune and Chute and Pool Structures in the	Studying Unsteady Flow Through Soils, W74-05668 7-11 2G	FLEISCHER, M.
Base Surge Deposits of the Laacher See Area, Germany,		Natural Sources of Some Trace Elements in the
W74-03063 7-06 2J	Unsteady Radial Flow in Partially Saturated Soils.	Environment, W74-09207 7-17 5B
FISHER, S.	W74-06587 7-13 2G	FLEISCHER, P.
Mercury in Striped Bass and Bluefish, W74-11488 7-22 5A	FITZSIMMONS, S. J.	Correlation of ERTS Multispectral Imagery
	A Social Report - Man and Water, The Rela- tionship between Social Psychological Systems	with Suspended Matter and Chlorophyll in Lower Chesapeake Bay,
FISHER, S. G. Differences in Littoral Fauna Due to Fluctuat-	and Water Resources Development,	W74-06667 7-13 2L
ing Water Levels Below A Hydroelectric Dam, W74-00463 7-01 2I	W74-04170 7-08 6B	FLEISCHMANN, L. W.
	FJERDINGSTAD, E. Some Characteristic Features of the Bacterial	BOD Measuring Apparatus, W74-13242 7-24 5A
FISHER, W. F. Comparison of Field and Sigma-Inductive	Decomposition in Sediments from Lakes and	
Models for the Transmission of Nonconjuga-	Ponds in Southwest Greenland (the Narssaq Area).	FLEMER, D. A. Current Status of Knowledge Concerning the
tive Substituent Effects. The 2,6-Spiro (3,3) Heptyl System,	W74-10799 7-20 5C	Cause and Biological Effects of Eutrophication
W74-03737 7-07 2K	FLACH, K. W.	in Chesapeake Bay, W74-00921 7-02 2L
Mechanism of Transmission of Nonconjugative	Land Resources, W74-05976 7-12 5D	The Role of Organic Debris and Associated
Substituent Effects. IV. Analysis of the Dis- sociation Constants of 6-Substituted Spiro (3.3)		Micro-Organisms in Pelagic Estuarine Food
Heptane-2-Carboxylic Acids, W74-00324 7-01 2K	FLACK, J. E. Policy Issues Related to Urbanization,	Chains, W74-08837 7-17 5C
	W74-03178 7-06 6B	FLEMING, R. N.
Sigma-Inductive Model vs. Field Model. Obser- vation of a Reversed Attenuation Effect,	FLAIG, W.	The Conflict Between Consumption and Pollu-
W74-00323 7-01 2K	Slow Releasing Nitrogen Fertilizer from the Waste Product, Lignin Sulphonates,	tion, W74-13236 7-24 5G
FISHMAN, M. J.	W74-05249 7-10 5B	
Evaluation of the Use of the Heated Graphite Atomizer for the Routine Determination of	FLAIM, T.	FLEMING, W. G. Water-Sediment Splitter for Runoff Samples
Trace Metals in Water,	Agricultural Pollution Control and Enforcement	Containing Coarse-Grained Sediment, W74-03780 7-08 2J
W74-01316 7-03 5A	in New York State, W74-05285 7-10 5B	
FISHMAN, M. L. Interfacing a Programmable Electronic Calcula-	FLANAGAN, M. J.	FLENTJE, M. E. Auxiliary Uses of Disinfection Oxidizing
tor with an Automatic Amino Acid Analyzer,	Automation Comes to L.A.,	Agents in Water Treatment,
W74-04866 7-10 5A	W74-08225 7-16 5D	W74-05514 7-11 5D

FLETCHER, A. W.

FLETCHER, A. W.		FLOOD, F. J.	FOERSTER, K.
Solvent Extraction in Processes	for Metal	Plant Gets New Process,	The Desmids of the Haloplankton of Lake
Recovery from Scrap and Waste,	7.10 ED	W74-10815 7-20 5	
W74-09784	7-18 5D	FLOOD, R. E. JR.	W74-13353 7-24 2H
FLETCHER, B. P.		Applicability of ERTS-1 to Lineament an	d FOERSTNER, U.
Cellular-Block-Lined Grade Control	Structure,	Photogeologic Mapping in MontanaPrelimin	
W74-05523	7-11 8B	ry Report, W74-02569 7-05 7	Ems, Weser and Elbe Rivers in West Germany,
Model Study of Trotters Shoals Spi	llway,	17-02505	W74-03552 7-07 5B
W74-09204	7-17 8B	FLOODGATE, G. D.	
Outlet Works For Site 16, Papillion	Creek and	The Effect of Microbial Activity Upon th	
Tributaries, Nebraska; Hydraulic		Sedimentary Sulphur Cycle,	Flood of March 1968 on the Ipswich River,
vestigation,	Model In	W74-01239 7-03 5	B Massachusetts, W74-13194 7-24 7C
W74-10316	7-19 8B	Some Observations on the Interactions	of 7-24 /C
		Marine Protozoa and Crude Oil Residues,	FOGARTY, T. J.
FLETCHER, G. C.		W74-11949 7-22 5	
Filter Systems, W74-11044	7-21 5C	Studies of the Seasonal Variation of the	Treatment System,
********	7-21 30	Suspended Matter of the Menai Straits. II. M	11 14-05/55
FLETCHER, M. R.		Stream Data,	FOGEL, M.
The Effect of Photoperiod on T	hermal Re-	W74-09741 7-18 5	
sistance of Speckled Dace,			Events: A Bayesian Approach,
W74-02902	7-06 5C	A Threnody Concerning the Biodegradation	of W74-03137 7-06 2B
FLEYSHMAN, S. M.		Oil in Natural Waters,	D POCHT M M
The Alma-Ata Mudflow of Jul	y 15, 1973	W74-08612 7-16 5	
(Almatinskiy sel' 15 iyulya 1973 g.),		FLORES, L. M.	A Decision-Theoretic Approach to Uncertainty in the Return Period of Maximum Flow
W74-10376	7-20 2J	Unsupervised Classification and Areal Me	Volumes Using Rainfall Data,
FLICKINGER, S. A.		surement of Land and Water Coastal Featur	es W74-03138 7-06 2A
Construction of Experimental Bait	Fish Culture	on the Texas Coast,	
Ponds,	1 ion Culture	W74-06706 7-13 2	
W74-03264	7-07 8I	FLOWERS, E. S.	Watersheds, W74-09245 7-17 4C
		Measurement and Management Aspects	
Determine the Present Volume a		Water Toxicology: The Malibu Watershed	
Bait Fish Sales by Species in Color jacent Mountain States,	ado and Ad-	Mixed Residential and Wildness Area,	tion,
W74-03262	7-07 81	W74-09950 7-19 5	B W74-01973 7-04 3F
		FLOWERS, M. G.	Predicting the Hydrologic Effects of Land
Growth and Mortality of the Fath		Vegetational Zonation in Two Succession	
as Related to Population Density is	n Production	Brackish Marshes of the Chesapeake Bay,	W74-08753 7-17 4A
Ponds, W74-03265	7-07 8I	W74-12689 7-23	C
111-03203	7-07 01	FLOVE F O	A Stochastic Snow Model to Evaluate Reser-
Lake Distribution in Colorado and		FLOYD, E. O. An Appraisal of the Groundwater Resources	voir Operation, of W74-04918 7-10 4A
Relationships of the Fathead Min	now in Two	the Upper Cape Fear River Basin, Nor	
Lake Populations,	2 02 01	Carolina,	Systems Analysis: A Decision-making Tool for
W74-03266	7-07 81	W74-08605 7-16	B Arid Land Development,
Rearing Bait Fishes in the Rock	y Mountain		W74-05223 7-10 6A
States,		FLYNN, E. H.) FOGERTY, R.
W74-03261	7-07 8I	Culture Studies of Enteromorpha Linza (I	.,
Selection of the Ontimum Broad	Eich Doneits	J.AG. and Ulvaria Oxysperma (Kutzing) Bli ing (Chlorophyceae, Ulvales) From Centr	
Selection of the Optimum Brood and Sex Ratios of the Fathe		America,	W74-05436 7-11 5A
(Pimephales Promelas) under		W74-06749 7-13	ic.
Spawning Conditions,			FOGG, A. G.
W74-03267	7-07 81	FLYNN, W. W.	Stability of Dilute Standard Solutions of An-
FLIEGEL, F. C.		A Solvent-Extraction Method for the Determination of Manganese-54 in Sea Water,	er- timony, Arsenic, Iron and Rhenium Used in Colorimetry,
Fidelity of Information Transmiss	ion in Local	W74-03886 7-08	
Campaigns on Water Issues,	in Local	7-00	
W74-10690	7-20 6B	FOCHT, D. D.	FOGG, G. E.
		Increased Denitrification in Soils by Addition	
FLIGHT, W. R.	or the Date:	of Sulfur as an Energy Source,	W74-07353 7-14 50
An Inexpensive Titration Method f mination of Organic Carbon in		W74-08322 7-16	Physiology and Ecology of Marine Blue-Green
ments.	Recent Seul-	Isotope Fractionation of N-15 and N-14	
W74-06284	7-12 5A	Microbiological Nitrogen Transformations:	
		Theoretical Model,	POUN D M B
FLINN, J. E.	man Dallasta	W74-01541 7-03	5B FOHN, P. M. B. Short-Term Snow Melt and Ablation Derived
Development of Predictions of Fut Problems,	ure Pollution	Oxidation of Polychlorinated Biphenyls	
W74-08946	7-17 5B	Achromobacter pCB,	W74-01380 7-03 20
		W74-00632 7-02	5B
FLIPPO, H. N. JR.		PARHDENBACH	FOK, Y. S.
Water Resources of Lehigh Cour	nty, Pennsyl-	FOEHRENBACH, J. Mercury in Striped Bass and Bluefish,	A Preliminary Report on Urban Hydrology and Urban Water Resources: Oahu, Hawaii,
W74-07649	7-15 4A	W74-11488 7-22	
	/1	1.00	1-17 60

Black Sea, W74-12388

FOKINA, V. D.

Problem of Pure Water in the USA, (In Rus-

Influence of Organic Material and Processes of

Sulfide Formation on Distribution of Some

Trace Elements in Deep-Water Sediments of FORBES, R. B.

7-23 2K

Concentrations of Nitrogen, Phosphorus,

.!\		W74-12388	7-23	2K	Potassium, and Total Soluble Salts in Soil S	Calm
sian), W74-04837 7-	-09 5G		1-23	LIL	tion Samples from Fertilized and Unferti	
		FONES, R. V.	C I		Histosols,	
FOLEY, C. F.		A Pneumatic Sample Changer for	Gamma-P	Kay	W74-08319 7-16	5B
Strontium and Other Notable Chemic		Spectroscopy, W74-02407	7-05	7D		
stituents of Well-Water of Allen Count	ty, Indi-	W 74-02407	7-03	/ D	FORBES, R. M.	
ana, W74-07400 7-	14 2K	FONSELIUS, S. H.			Lead and Vitamin Effects on Heme Synthe	
W /4-0/400	14 LK	Phosphorus in Black Sea,			W74-09761 7-18	5C
FOLGER, D. W.		W74-12377	7-23	5B	FORCIER, L. K.	
An Inexpensive Titration Method for th	e Deter-	S			Precipitation as a Nutrient and Hydroger	Ion
mination of Organic Carbon in Recei	nt Sedi-	Stagnant Sea, W74-03712	7-07	**	Source for Forested Watersheds in the Mis	
ments,		W /4-03/12	7-07	30	la Vicinity.	
W74-06284	-12 5A	FONTANE, D. G.			W74-03766 7-08	5B
Texture and Organic Carbon Content	of Dat	Mathematical Modeling of Water	Quality,			
tom Sediments in some Estuaries of the		W74-03217	7-07	5B	FORD, D. F.	
States,	United				Catastrophic Nuclear Accidents,	
	-14 2L	FONTANEL, A.	F		W74-08950 7-17	5C
		First ERTS-1 Results in Southea		ice:	The Nuclear Fuel Cycle A Survey of	f .h.
FOLIGUET, JM.		Geology, Sedimentology, Pollution W74-06687	7-13	44	The Nuclear Fuel Cycle A Survey of Public Health, Environmental and Nat	
Viruses and Water: II. General Review		W 74-00087	7-13	4/1	Security Effects of Nuclear Power,	lonai
Methods Available to Detect Viruses in	n Water,	FONTANGES, R.				5C
(In French),		Study of the Adaptation of an Act	ivated Slu	dge	1-17	30
W74-13360 7	-24 5A	to the Purification of an Indus			FORD, J.	
FOLKARD, A. R.		(Etude de l'adaptation d'une bo		e a	Centrifugal Dewatering of Secondary V	Vaste
Trace Metals in the North Sea,		l'epuration d'un effluent industrie			Sludges,	
	-12 5A	W74-07389	7-14	5D		5D
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-12 311	FONTENOT, B. J.				
FOLKS, J. J.		Ecological Factors Affecting	Anadrom	one	FORD, J. H.	
Soil Associations and Land Classifica	ation for	Fishes of Lake Ponchartrain and			Levels of Mirex and Some Other	
Irrigation, Taos County,		ries,	1 113 1110	utu	ganochlorine Residues in Seafood from A	tlan-
W74-09054	7-17 3F	W74-07993	7-15	2H	tic and Gulf Coastal States,	
POLICE C P					W74-13315 7-24	5A
FOLLETT, C. R. Effects of Ground-Water Developmen	t on the	FONTENOT, J. P.			Residues of Mirex and Other Chlorinated	Pesti-
Proposed Palmetto Bend Dam and Res		Utilization of Different Levels of	Poultry Li	itter	cides in Commercially Raised Catfish,	. 0.541
Southeast Texas,	civon in	Nitrogen by Sheep,	2.01			5C
	7-13 4B	W74-00401	7-01	5G	177.00577	30
		FOOTE, B. A.			FORD, R. E.	
Groundwater Resources of Blanco	County,	Habitat Distribution of the Sh	ore Flies	of	Trace Determination of Beryllium Oxid	de in
Texas,		Northeastern Ohio (Diptera: Ephy			Biological Samples by Electron-Capture	Gas
W74-02141	7-04 4B	W74-07556	7-14	5C	Chromatography,	
Groundwater Resources of Brazos a	nd Dur				W74-11389 7-21	5A
leson Counties, Texas,	illu Dui-	FOOTE, R. Q.	alauria A l	Dec	FORDHAM, H. W.	
	7-22 4B	Petroleum Systems Reliability An gram for Prevention of Oil Spills			Soil Pollution from Cattle Feedlots in Geor	rain
		gineering Approach to a Study of				5 5B
FOLLETT, R. F.		Onshore Crude Oil Petroleu			W 74-02210	36
Ionic Balance for Barley as Influence		Volume II - Appendices,	,	,	FORDHAM, R.	
Fertility, Water, and Soil Temperature,		W74-07957	7-15	5G	The Micro-Meteorology of an Extended	Area
W74-08810	7-17 3F				of Tea Before and After Rain,	
FOLQUER, F.		Petroleum Systems Reliabilit			W74-07354 7-14	4 3F
'Hill-Top Irrigation,' A New System 1	for Early	Volume I - Engineering Report,				
Sweetpotato Planting, (In Spanish),	tor Larry	Prevention of Oil Spills Using a			FORDYCE, H. E.	
	7-15 3F	Approach to a Study of Offshore Crude Oil Petroleum Systems,	and Onsi	nore	Hyperbolic Cross Flow Cooling Tower	with
		W74-02947	7-06	SG	Basins and Fill Integrated into Shell,	
FOLSOM, T. R.		W 14-02541	7-00	30	W74-03668 7-07	5D
Concentrations of Plutonium, Cob		FORBES, F.			FORDYCE, J. S.	
Silver Radionuclides in Selected	Pacific	Role of Ultrafiltration in Indus	strial Effl	uent	Use of Whatman-41 Filters in Air Quality	Sam-
Seaweeds,		Problems,			pling Networks (With Applications to Ele	
W74-01297	7-03 5	W74-08408	7-16	5D	tal Analysis),	
FOLSTER, H. G.		FORBES, G.				5A
Analysis of Water Characteristics of I	Manufac-	Easier, More Exact Method Sp	eeds Ann	ulus		
turing Industries and Their Adapta		Pressure-Loss Calculations,	/ 10011		FORE, P. L.	_
Semi-Arid Regions,		W74-03162	7-06	8G	Guide to Identity of Eggs and Larvae of	Some
	7-24 3E				Gulf of Mexico Clupeid Fishes,	
		FORBES, M.			W74-06067 7-12	2 2L
FOLWELL, R. J.	-laule .	Studies of Oxygen Reduction	at a Rota	ating	FOREE, E. G.	
An Economic Analysis of Selected Ag		Disk Electrode,	7.22	24	Anaerobic Biological Stabilization of Sa	nitary
Uses of Warm Water in the Pacific N		W74-11641	7-22	3A	Landfill Leachate,	
Resulting from Electric Power Generat W74-07125	7-14 3C	FORBES, M. J. JR.				6 5D
	- IT JC					

Low-Flow Characteristics of Selected Streams in the Sabine River Basin Downstream from

7-22 2E

Toledo Bend Reservoir,

W74-11743

Biological, Physical and Chemical Treatment of

Wood Soaking Vat Wastewater,

W74-08449

FOREE, E. G.

10.22, 2. 2.		
Carbon and Nitrogen as Regulators of Algal Growth, W74-06166 7-12 5C	FORSTER, B. A. Optimal Capital Accumulation in a Polluted Environment,	FORTSON, R. M. JR. Maritime Accidental Spill Risk Analysis: Phase I: Methodology Development and Planning,
	W74-01840 7-04 5G	W74-10619 7-20 5E
FOREMAN, G. E. Development of Large Spiral Membrane Reverse Osmosis Elements for Low-Cost Water Purification and Reclamation, W74-08338 7-16 3A	FORSTER, M. Civil Liability of Shipowners for Oil Pollution, W74-02796 7-06 6E	FORTUNATOV, M. A. Thermal Characteristics and Vertical Exchange in Meromictic Lakes as Illustrated by Lake Gek-Gel' (Termicheskiye osobennosti i ver
Development of Second Generation Spiral Membrane Reverse Osmosis Elements,	FORSTER, R. L. Port Collection and Separation Facilities for Oily Wastes, Volumes I-IV, W74-10357 7-20 5D	tikal'nyy obmen v meromikticheskikh ozerakl na primere oz. Gek-Gel'), W74-09108 7-17 2F
W74-01910 7-04 3A		FOSBERG, M. A.
Reverse Osmosis Membrane Filters for Sea- water Pretreatment, W74-08334 7-16 3A	FORSTER, S. W. Evaluation of ERTS-1 Imagery for Geological Sensing Over the Diverse Geological Terranes	Fire Climates in the Southwest, W74-04130 7-08 4/
	of New York State, W74-01690 7-04 7C	FOSS, S. D. Approximate Solution to the Freezing of the
FORESTER, J. Effects of Aroclor 1254 on Laboratory-Reared Embryos and Fry of Sheepshead Minnows	FORSTER, W. O.	Ice-Water System with Constant Heat Flux in the Water Phase,
(Cyprinodon Variegatus), W74-13082 7-24 5C	Effects of Gamma Irradiation on the Main- tenance of Population Size in the Brine Shrimp,	W74-09903 7-19 20
Effects of the Polychlorinated Biphenyl	Artemia, W74-07823 7-15 5C	FOSSATO, V. U. Oil Pollution Monitoring in the Lagoon of
Arochlor 1254 on the American Oyster Cras- sostrea Virginica,	Effects of Gamma Irradiation on the Reproduc-	Venice Using the Mussel Mytilus Galloprovincialis,
W74-12259 7-23 5C	tive Performance of Artermia as Determined by Individual Pair Matings,	W74-11948 7-22 50
FORGE, C. O.	W74-07822 7-15 5C	FOSSUM, G. O.
Fluid Sample Analysis System, W74-08914 7-17 7B	Trace-Element Interactions Between River Water and Seawater,	Preliminary Study to Investigate Feasibility of Desalting Ground Water in North Dakota, W74-08066 7-15 3
FORMAN, G. E.	W74-07805 7-15 5B	
Further Developments of Water Desalination Systems Based on Large Spiral-Wound	FORSUND, F. R.	Water Balance in Sewage Stabilizatio Lagoons,
Reverse Osmosis Membrane Elements,	Externalities, Environmental Pollution and Al- location in Space: A General Equilibrium Ap-	W74-09361 7-18 51
W74-01937 7-04 3A	proach, W74-04084 7-08 5G	FOSTER, D. H. Microbial Hazards in Disposing of Wastewate
FORMAN, P. G. Feasibility of Emission Standards Based on	FORSYTHE, G. A.	on Soil, W74-12884 7-24 5
Particle Size, W74-12219 7-23 5G	Rural and Urban Flood Insurance: A Review, W74-11688 7-22 6F	New Microbial Indicators of Wastewate
FORNES, A. O.	FORSYTHE, W	Chlorination Efficiency, W74-10189 7-19 5
Coastal Vegetation of Delaware, W74-07616 7-15 2L	Comparative Study Between the Evaporation Calculated by Various Formulas and Pan Evaporation Measured in Three Tropical	FOSTER, G. R. Transport of Soil Particles by Shallow Flow,
FORNEY, A. J. Analyses of Tars, Chars, Gases, and Water	Areas, (In Spanish), W74-01870 7-04 2D	W74-05669 7-11 2
Found in Effluents from the Synthane Process, W74-08592 7-16 5A	FORT, T. JR.	FOSTER, J. E. Beyond 'City Water': Rural Water System
FORNS, J. M.	Desalination Membranes from Built-Up Mul- tilayer Films,	Design, W74-09538 7-18 6
Biological Investigations,	W74-11636 7-22 3A	FOSTER, J. H.
W74-07656 7-15 5B FORRISTALL, G. Z.	FORTESCUE, J. A. C. Environmental Monitoring of Toxic Materials in Ecosystems,	Institutional Framework Affecting the Use of Inland Wetlands in Massachusetts, W74-04462 7-09 4
Three-Dimensional Structure of Storm- Generated Currents,	W74-12907 7-24 5B	Major Wastewater Treatment Plant to be U
W74-12992 7-24 2L	FORTHUN, M. L.	graded,
FORSBERG, C. A Programme for Studies of the Recovery of	River: Recommendations for Improving the Valley Environmental Resources,	W74-07761 7-15 5 Valuation of Visual-Cultural Benefits from
Polluted Lakes. The Effect of Chemical Sewage Treatment and Diversion of Sewage,	W74-02651 7-06 6B River, Recommendations for Improving the	Freshwater Wetlands in Massachusetts, W74-01643 7-03 6
W74-04105 7-08 5C	Valley Environmental Resources, Administra- tive Report,	FOSTER, J. M.
FORSLIND, E. Clay Water InteractionsAn Experimental	W74-02652 7-06 6B	Light and Temperature Relations in a Sma Desert Pond as Influenced by Phytoplankton
Study of Interface Phenomena, W74-12654 7-23 2G	FORTIN, R. The Dynamics of a Group of Perches, Perca	Density Variations, W74-08758 7-17 5
FORSMAN, A.	Flavescens (Mitchill) in the Grande-Anse Cove of Perrot Island in Saint-Louis Lake, (In	FOSTER, K. E.
Development of A Conceptual Deterministic Rainfall-Runoff Model,	French), W74-00470 7-01 2H	Application of Remote Sensing to State ar Local Government (ARSIG),
W74-01128 7-03 2A	FORTINASH, W. M.	W74-13140 7-24 6
FORSTE, R. H. Verification of Groundwater Capital Costs,	Ultrasonic Solubilization Technique for Use in Coulometry,	Natural Resource Inventory for Urba Planning Utilizing Remote Sensing Technique
W74-03338 7-07 4B	W74-05497 7-11 5A	W74-13143 7-24 6

FOSTER, P.	FOX, D. M.	FRAHM, L. J.
Ultra-Violet Absorption Characteristics of	The Politics of Water Pollution,	Recovery of Arsenic by Dry Ashing from
Natural Waters,	W74-00391 7-01 5G	Animal Tissue Fortified with Organoarsenicals
W74-07419 7-14 2K		or Arsenic Trioxide,
	FOX, H.	W74-07573 7-14 5A
FOULK, H. R.	Effects of High-Magnitude Floods on Channel	
Using Artemia to Assay Oil Dispersant Toxici-	Form: A Case Study in Maryland Piedmont,	FRAIDENBURG, M.
ties,	W74-09904 7-19 2J	Fluorophene, a Possible Control of Japanese
W74-06877 7-13 5A	FOX, I. K.	Oyster Drills on Oyster Grounds,
POUNTAINE I P	Critique of Water Pollution Control Act,	W74-01918 7-04 5G
FOUNTAINE, J. E. New Ultraviolet Ratio Spectrophotometric	W74-08774 7-17 5G	Oyster Drill Investigations,
System for the Determination of Trace		W74-01919 7-04 5G
Amounts of Phenolic Compounds,	FOX, J. D.	174 30
W74-05244 7-10 5A	High-Temperature, High-Pressure Extrusion of	Oyster Drill (Ocinebra Japonica) Control,
7-10 311	Chicken Excreta,	W74-01917 7-04 5G
FOURNIER, C. D.	W74-00418 7-01 5D	
Waste Neutralization Control - Digital Simula-	POV 1.1	FRAME, G. M.
tion Spots Nonlinearities,	FOX, J. L. Nutrient Removal Using Lemna Minor,	Trace Determination of Beryllium Oxide in
W74-10454 7-20 5D		Biological Samples by Electron-Capture Gas
	W74-01321 7-03 5C	Chromatography,
FOURNIER, E.	FOX, M. E.	W74-11389 7-21 5A
Effects on Hepatocytes in Cell Cultures at	Rapid Gas Chromatographic Method for Deter-	
Various Combinations of Heavy Metals Present	mination of Residual Methanol in Sewage,	FRANC, J.
in Titanium Waste Waters, (Action Sur Des	W74-01410 7-03 5A	Identification of Aromatic Nitriles by Reaction
Hepatocytes en Culture Histiotypique, de		Paper Chromatography,
Divers Composes Metalliques Presents Dans	FOX, M. R. S.	W74-04865 7-10 5A
Les Eaux Residuaires de l'Industries du	Effect of Ascorbic Acid on Cadmium Toxicity	EDANCE B W
Titane),	in the Young Coturnix,	FRANCE, P. W.
W74-11296 7-21 5C	W74-07707 7-15 5C	Finite Element Analysis of Three-Dimensional
		Groundwater Flow Problems, W74-12984 7-24 2F
FOURNIER, R. O.	FOX, P. M.	W74-12984 7-24 2F
Geochemical Indicators of Subsurface Tem-	Flood Frequency Estimation in Northern	FRANCESCHI, L. E.
peraturePart 1, Basic Assumptions,	Sparse Data Regions,	Water Resources Utilization in Developing
W74-09914 7-19 2K	W74-11459 7-22 4A	Countries.
Conshemical Indicators of Subsurface Tom	Methods of Flood Flow Determination in	W74-00207 7-01 10A
Geochemical Indicators of Subsurface Tem-	Sparse Data Regions,	W 74-00207 7-01 TOA
perature-Part 2, Estimation of Temperature	W74-11458 7-22 4A	FRANCIS, C. M.
and Fraction of Hot Water Mixed with Cold	W/4-11430 /-22 4A	The Effect of Waterlogging on the Mineral
Water,	FOX, S. V.	Nutrient Content of Trifolium Subterraneum,
W74-09915 7-19 2K	Design Criteria and Research Needs,	W74-07355 7-14 3F
Mixture, a Computer Program for the Calcula-	W74-09400 7-18 4A	111101000
tion of Hot Water Temperature and Mixing		FRANCIS, C. W.
Fractions of Large Volume Warm Springs of	FOX, W. T.	Cesium-137 Soil Inventory of a Tagged
Mixed Water Origin,	Coastal Processes and Beach Dynamics at	Liriodendron Forest 1962 and 1969,
W74-05156 7-10 7C	Sheboygan, Wisconsin, July, 1972,	W74-05193 7-10 5B
1114-03130	W74-01130 7-03 2H	
The Transport of Organic Carbon to Organisms	G1D	Separation of Clay Minerals and Soil Clays
Living in the Deep Oceans,	Coastal Processes and Depositional Patterns on	Using Isopycnic Zonal Centrifugation,
W74-04790 7-09 5C	Cape Ann, Massachusetts, W74-10371 7-20 2J	W74-10125 7-19 5A
	W/4-103/1 /-20 23	
FOUSS, J. L.	A Profile of the Four Moment Measures Per-	Zonal Centrifugation: Applied Aspects in Elu-
Comparison of Strength Test Methods for Cor-	pendicular to a Shore Line, South Haven,	cidating Chemical and Biological Forms, Dis-
rugated Plastic Drainage Tubing,	Michigan.	tribution and Availability of Heavy Metals in
W74-06602 7-13 8A	W74-01184 7-03 2H	the Environment,
POWIT PR. P. P.		W74-12026 7-23 5D
FOWLER, D. P.	Soil Water and Growth of Rice and Weeds,	Zonal Centrifugation: Applied Aspects in Elu-
Northern Illinois Uses Storage Effectively,	W74-02104 7-04 3F	cidating Chemical and Biological Forms, Dis-
W74-08909 7-17 4B		
FOWLER, E. B.	FOXWORTHY, B. L.	tribution and Availability of Heavy Metals in the Environment.
Pu-238 Incorporated in Fish Living in Water	Relative Susceptibility of Lakes to Water-	W74-12910 7-24 5B
Containing PuO2/238,	Quality Degradation in the Southern Hood	W 14-12910 1-24 3B
W74-09867 7-19 5C	Canal Area, Washington,	FRANCIS, G. R.
W/4-0300/	W74-04488 7-09 5B	Water Resource Development and Environ-
FOWLER, S. W.	FOXWORTHY, J. E.	ment - An Approach to Impact Analysis,
Flux of Ce-141 Through a Euphausiid	Multi-Dimensional Aspects of Eddy Diffusion	W74-10122 7-19 6G
Crustacean,	Determined by Dye Diffusion Experiments in	
W74-04191 7-08 5C	Coastal Waters (Summary),	FRANCISCO, D. E.
	W74-04322 7-09 2L	Acridine Orange-Epifluorescence Technique
FOWLIE, P. J. A.		for Counting Bacteria in Natural Waters,
Utilization of Industrial Wastes and Waste By-	FRAAS, L. M.	W74-01534 7-03 5A
Products for Phosphorus Removal: An Invento-	Novel Method of Raman Data Acquisition,	
ry and Assessment,	W74-01330 7-03 2K	Algal Response to Getergent Phosphate Levels,
W74-08394 7-16 5D	PRACOSO B	W74-00724 7-02 5C
FOY D	FRAGOSO, R.	Methods for Improvement of Trickling Filter
FOX, D. Photochamical Passtions in a Dual Outdoor	Water-Borne Transmission of	Plant Performance. Part I. Mechanical and
Photochemical Reactions in a Dual Outdoor Smog Chamber,	Chloramphenicol-Resistant Salmonella typhi in	Biological Optima,
	Mexico, W74-10906 7-21 5C	W74-00431 7-01 5D
W74-10996 7-21 5A	17-21 30	1-01 JD

PRANCO, J. J.		
FRANCO, J. J.	FRANKEL, L.	FRANZIN, W. G.
Lock and Dam No. 8, Arkansas River Naviga-	Mucilaginous Matrix of Some Estuarine Sands	New Complexities in Zoogeography and Tax-
tion Project; Hydraulic Model Investigation,	in Connecticut,	onomy of the Pygmy Whitefish (Prosopium
W74-10315 7-19 8B	W74-04066 7-08 2L	coulteri), W74-06498 7-12 2H
Lock and Dam No. 8, Arkansas River Naviga-	FRANKEL, R. J.	7-12 211
tion Project, Hydraulic Model Investigation,	Groundwater Recharge for Waste Water Recla-	FRANZMEIER, D. P.
W74-11211 7-21 8B	mation and/or Storage of Supplies: A Cost Comparison with Conventional Methods,	Soil-Water Regimes in Brookston and Crosby
Navigation Conditions at Confluence of Arkan-	W74-03825 7-08 5D	Soils,
sas, Verdigris, and Grand Rivers,		W74-11899 7-22 2G
W74-00539 7-01 8B	A Systems Approach to Assessment of Rural	FRASER, C.
FRANCOIS, F. B.	Water Supply Program Effectiveness, W74-08012 7-15 6B	Observations on the Effect of Protein Intake
Urban Water ResourcesPolitics of Manage-	W/4-08012 /-13 0B	and Stage of Gestation on the Proportion of
ment,	FRANKENBERG, L.	Urinary Nitrogen Excreted as Urea in Sheep,
W74-05235 7-10 6E	Toxicity for Cats of Methylmercury in Con-	W74-00408 7-01 5B
FRANCOIS, L. E.	taminated Fish from Swedish Lakes and of Methyl-Mercury Hydroxide Added to Fish,	FRASER, C. D.
Leaching Requirement Studies: Sensitivity of	W74-11711 7-22 5C	The Fate of Cobalt-60 in a Natural Freshwater
Alfalfa to Salinity of Irrigation and Drainage		Ecosystem,
Waters,	FRANKIGNOUL, C. J. AND	W74-05203 7-10 5C
W74-07774 7-15 3C	Special Analysis of Short Inertial-Internal Wave Records,	FRASER, G. S.
Leaching Requirement Studies: Sensitivity of	W74-04489 7-09 2E	Sediment Distribution in a Beach Ridge Com-
Alfalfa to Salinity of Irrigation and Drainage	177-0440	plex and its Application to Artificial Beach
Waters,	FRANKLIN, A. G.	Replenishment,
W74-08815 7-17 3C	Method for Separating Oil from a Mixture of	W74-07666 7-15 2J
FRANGULYAN, G. A.	Oil and Waste Water from an Offshore Rig, W74-05897 7-11 5G	PRACED I II
Purification of Effluents and Improvement of	17-11 30	FRASER, J. H. Economic Optimization of the Avco Crystal-
the Technology in the Production of	Water Disposal Caisson and Method of Using	lization Process,
Chloretone, (In Russian),	Same,	W74-08337 7-16 3A
W74-07285 7-14 5D	W74-00963 7-02 5G	
FRANK, A. B.	FRANKO, A.	FRASER, J. P.
Effect of Temperature and Plant Water Stress	Distribution of Organic Matter and Bacteria in	An Oil Recovery System Utilizing Polyu-
on Photosynthesis Diffusion Resistance, and	the Upper Layer of Bottom Deposit of Lake	rethane FoamA Feasibility Study, W74-07341 7-14 5G
Leaf Water Potential in Spring Wheat,	Balaton, W74-04839 7-09 5B	W/4-0/341 /-14 3G
W74-08075 7-15 3F	W /4-04839 /-09 3B	FRASER, R. S.
Measurement of Leaf Water Potential in Wheat	FRANO, A.	Computed Atmospheric Effects on ERTS Ob-
with a Pressure Chamber,	Influence of the Soil Water Level on Microbial	servations,
W74-10811 7-20 3F	Processes of Pasture and Forest Communities, W74-02194 7-05 2G	W74-06694 7-13 2B
EDANK D. C.	W74-02194 7-05 2G	FRASIER, G. H.
FRANK, D. G. Thermal Surveillance of Cascade Range Vol-	FRANQUES, J. T.	Wax-Treated Soils for Harvesting Water,
canoes Using ERTS-1 Multispectral Scanner,	Two-Dimensional Analysis of Backwater at	W74-06457 7-12 3B
Aircraft Imaging Systems, and Ground-Based	Bridges, W74-05734 7-11 2E	
Data Communication Platforms,	W/4-03/34 /-11 ZE	FRASIER, G. W.
W74-06692 7-13 7C	FRANT, M. S.	Lower Cost Water Harvesting Methods,
FRANK, F. C.	Use of Chemical-Sensing Electrodes in Moni-	W74-03952 7-08 3B
Hydrology of the Intergranular Veins in a Tem-	toring,	FRAUTSCHY, J. D.
perate Glacier,	W74-10972 7-21 5A	Littoral Processes and the Development of
W74-09337 7-18 2C	FRANTSI, C.	Shorelines,
EDANK M I	Methods for the Detection of Certain	W74-01212 7-03 2J
FRANK, M. L. Sensitivity of Carp (Cyprinus carpio) Embryos	Pathogens of Salmonid Fishes, W74-13100 7-24 5A	FRAZIER, J. M.
to Acute Gamma Radiation,	W74-13100 7-24 5A	Current Status of Knowledge of the Biological
W74-07817 7-15 5C	FRANTZ, VON A.	Effects of Heavy Metals in the Chesapeake
MIN A SAFE M	A Comparison of the Content of Microelements	Bay,
FRANK, R. Organochlorine Residues in Harp Seals	in the Water of the River Danube Near Vienna	W74-00922 7-02 2L
(Pagophilus groenlandicus) Caught in Eastern	and Belgrade for 1961-1970 (Ein Vergleich des Gehaltes an Spurenelementen im Donauwasser	FREAR, D. E. H.
Canadian Waters,	bei Wien und Beograd fue 1961-1970),	Use of Daphnia Magna for the Microbio-Assay
W74-00766 7-02 5C	W74-02436 7-05 5A	of Pesticides, I. Development of Standardized
Organochlorine Residues, Mercury, Copper	PDAN7 B	Techniques for Rearing Daphnia and Prepara-
and Cadmium in Yellow Perch, White Bass and	FRANZ, D. Prediction of Dew Point Temperature, Solar	tion of Dosage Mortality Curves for Pesticides,
Smallmouth Bass, Long Point Bay, Lake Erie,	Radiation and Wind Movement Data for Simu-	W74-08714 7-17 5A
W74-13093 7-24 5C	lation and Operations Research Models,	Use of Daphnia Magna for the Microbio-Assay
Residues of Atrazine, Cyanazine, and Their	W74-08933 7-17 2B	of Pesticides. II. Comparison of Microbio-
Phytotoxic Metabolites in a Clay Loam Soil,	FRANZEN, T.	Assay with Gas Chromatography for Analysis
W74-07585 7-14 5A	Establishment of a Closed System for the	of Pesticide Residues in Plant Extracts,
	Paper Making Process,	W74-08715 7-17 5A
FRANKE, U.	W74-12412 7-23 5D	PRECKS C A

Establishment of a Closed System for the

Papermaking Process, W74-12944

7-01 5B

FRECKS, G. A.

W74-00420

7-24 5D

The Effect of Ration on Engineering Properties of Beef Cattle Manure,

W74-00499

Hydrography, Chemistry and Load of Nutrients of a Mountain Stream Polluted by Organic Waste Water, (In German),

7-01 5C

FREDERICK, L. R.	FREESTONE, F. J.	Color Removal from Kraft Mill Effluents by
Effects of Swine Lagoon Effluent on the Soil	Runoff of Oils from Rural Roads Treated to	Ultrafiltration,
and Plant Tissue, W74-00428 7-01 5D	Suppress Dust, W74-08236 7-16 5B	W74-06521 7-13 5D
W 74-00426	W/4-00250	FRENCH, D. M.
FREDERICKS, A. D.	FREETHEY, G. W.	Economic Development Study of the Texas
Baseline Concentrations of Light Hydrocar-	Water-Table Contour Map, Anchorage Area,	Coastal Zone, W74-09569 7-18 6B
bons in Gulf of Mexico, W74-00073 7-01 5B	Alaska, W74-10436 7-20 7C	W /4-09309 /-18 0B
W 14-00013 1-01 3B	W 74-10436 7-20 7C	FRENCH, D. W.
FREDRICH, A. J.	FREEZE, R. A.	Forest Disease Detection and Control,
Hydrologic Engineering Methods for Water	Mathematical Simulation of Subsurface Flow	W74-05516 7-11 7E
Resources Development: Volume I, Require-	Contributions to Snowmelt Runoff, Reynolds	FRENCH, H. M. AND
ments and General Procedures, W74-11231 7-21 8B	Creek Watershed, Idaho, W74-07516 7-14 2F	Thermokarst Development, Banks Island
	W/4-0/510 /-14 2F	Western Canadian Arctic,
FREDRIKSSON, I.	Mathematical Simulation of the Subsidence of	W74-04368 7-09 20
The Mercury Content of Sediments from Two	Venice 2. Results,	FRENCH, K. A.
Lakes in Dalarna, Sweden, W74-13040 7-24 2J	W74-09884 7-19 2F	The Effluent-Free Bleached Kraft Pulp Mill
174-13040	Predictive Simulation of the Subsidence of	Part IV. The Salt Recovery Process,
FREEBURG, L. C.	Venice,	W74-07379 7-14 5E
Health Effects of Electricity Generation from	W74-05137 7-10 2F	FRENCH, M. C.
Coal, Oil, and Nuclear Fuel, W74-04184 7-08 5C	Subsurface Disposal of Waste in Canada, In-	Mercury and Other Metals in British Seals,
W/4-04164 /-08 3C	jection of Liquid Wastes in Deep Wells, A	W74-09571 7-18 5E
FREEBY, W. A.	Preliminary Appraisal,	EBENCH O E
Summary Evaluation of Candidate Fluid-Bed	W74-09536 7-18 5B	FRENCH, O. F. Trickle Irrigation on Cotton,
Solidification Processes for Use in the NWCF,		W74-02347 7-05 31
W74-09829 7-19 5D	FREI-HAUSLER, M. Electron Donor-Acceptor Reagents in the Anal-	
FREEMAN, A. M.	ysis of Pesticides. VII. A Simple Model System	FRENCH, R. R.
Economic Incentives in Water Pollution Con-	Hydrolysis of Some Carbamate Pesticides,	Savannah River, W74-09960 7-19 50
trol,	W74-06121 7-12 5B	W /4-09900 /-19 30
W74-05638 7-11 5G		FRENKE, K.
FREEMAN, C. A.	FREI, R. W.	Sanitary Implications of Small Boat Pollution in
Longitudinal Distribution and Habitat of the	The Determination of Organo-Sulfur Com- pounds by Thin-Layer Chromatography Via a	an Atlantic Estuary,
Fishes of Mason Creek, an Upper Roanoke	Ligand-Exchange Precess,	W74-08771 7-17 50
River Drainage Tributary, Virginia,	W74-01439 7-03 5A	FRENKIL, S. M.
W74-01592 7-03 2I		Riverine Recreational DevelopmentMathe
FREEMAN, C. E.	Electron-Donor-Acceptor Complexing Re-	matical Modeling,
Germination Responses of a Texas Population	agents in the Analysis of Pesticides. VI. In- fluence of Structure in Detection and Identifi-	W74-05958 7-12 5I
of Ocotillo (Fouquieria splendens Engelm.) To	cation,	FRENZEL, C. A.
Constant Temperature, Water Stress, pH and	W74-06871 7-13 5A	Detection of Salts of 2,4-D In Aqueous Solu
Salinity,		tion by Laster Raman Spectroscopy,
W74-01591 7-03 2I	Electron Donor-Acceptor Reagents in the Anal-	W74-00297 7-01 5/
FREEMAN, H. C.	ysis of Pesticides. VII. A Simple Model System Hydrolysis of Some Carbamate Pesticides,	FRENZEL, H.
Sampling the Edible Muscle of the Swordfish	W74-06121 7-12 5B	Quality of Berlin Surface Waters: Measuring
(Xiphias gladius) for Total Mercury Analysis,		Scheme, (Das Gutemess Programm Der Ber
W74-00052 7-01 5A	FREIBERG, J.	liner Oberflachengewasser),
FREEMAN, H. P.	The Development and Preliminary Application	W74-11252 7-21 5/
Acid Ammonium Acetate Extraction and Elec-	of an Invariant Coupled Diffusion and Chemis- try Model,	FRENZÉN, P.
tron Capture Gas Chromatographic Determina-	W74-01095 7-02 5A	Oceanic Atmospheric Dispersion,
tion of Carbofuran in Soils,		W74-09865 7-19 50
W74-07574 7-14 5A	FREIBERGER, H. J.	FRERE, M. H.
FREEMAN, P. A.	Effects of Backpumping from South New River Canal at Pump Station S-9 on Quality of	Nutrient Content of Barnlot Runoff Water,
Preliminary Evaluation of Fluidic Techniques	Water in Water-Conservation Area 3, Broward	W74-01890 7-04 51
for Flow Modulation in the Multi-Stage Flash	County, Florida,	FRETTER, V.
Distillation Process, W74-11827 7-22 3A	W74-04600 7-09 5B	Seasonal Changes in Population Density and
W 14-11021 1-22 3R		Vertical Distribution of Prosobrance Veligers in
FREEMAN, T. E.	FREID, S. H.	Offshore Plankton at Plymouth,
Biological Control of Water Weeds With Plant	Distribution and Release of Tritium in High- Temperature Gas-Cooled Reactors as a Func-	W74-03300 7-07 50
Pathogens,	tion of Design, Operational, and Material	FREUDENTHAL, H. D.
W74-01653 7-04 5C	Parameters,	Waste Treatment Apparatus,
FREEMAN, T. G.	W74-09838 7-19 5B	W74-05889 7-11 5I
A Comparison of Techniques of Sampling the	FREIDEN, J.	
Arctic-Subarctic Snowpack in Alaska,	Development of a Prototype Search and	FREUDENTHAL, J. Polychlorinated Terphenyls in the Environ
W74-09609 7-18 2C	Retrieval Network for Water Resource Infor-	ment.
FREERS, T. F.	mation and User Evaluation Survey,	W74-00057 7-01 5/
Geology of Burke County, North Dakota,	W74-10412 7-20 10B	
W74-01923 7-04 2F	FREMONT, H. A.	FREVILLE, M.
FREESE, R.	Color Removal from Kraft Mill Aqueous Ef-	Mechanism of Respiratory Exchanges in Aquatic Environment: A General Review In
Apparatus and Method for Treating Sewage.	fluents.	cluding Personal Results,
W74-09181 7-17 5D	W74-02039 7-04 5D	W74-10713 7-20 5/

FREY, J. C.		FRIEDLANDER, S. K.		FRIGO, A. A.		
Regional Energy-Water Problems	, Ohio-Great	The Flow of Trace Elements Thr		Field Investigations of Heated Discharges		
Lakes. W74-07973	7-15 6D	Angeles Area: Effect on Non-Urb W74-10988	an Areas, 7-21 5B	Nuclear Power Plants on Lake Michigan: W74-12904 7-2-	1972, 4 5B	
		m m m m m m		PRIMARES M. II		
FREY, R. H.		The Flow of Trace Elements The	rough the Los	FRIMPTER, M. H.	Diva	
Determining a Recreational Lake for Development and Usage,	e's Tolerance	Angeles Basin: Zn, Cd, and Ni, W74-10987	7-21 5B	Chemical Quality of Streams, Allegheny Basin and Part of the Lake Erie Basin,		
W74-07836	7-15 5A	Overview of the California Act	rosol Charac-	York, W74-04593 7-09	9 2K	
FREYRE, L.		terization Experiment,		0 100 0 100 100		
Pollution of the 'El Carpincho' Po	nd (Pampasic	W74-10953	7-21 5A	Ground-Water Resources, Allegheny		
Region, Argentina) and Its Effect	s on Plankton	Sulfate and Nitrate Chemistry in	Photochemi-	Basin and Part of The Lake Eric Basin. York.	New	,
and Fish Communities,	***	cal Smog,			6 2F	72
W74-02923	7-06 5C	W74-10956	7-21 5A	7.7		
FREYSCHUSS, S.		EDIEDWAN C M		FRIND, E. O.		
Technical Report from the Stockh	olm UN Con-	FRIEDMAN, G. M. Control and Distribution of Ura	nium in Coral	Galerkin Solution of the Inverse Proble	m for	r
ference,		Reefs During Diagenesis,	mam in Corar	Aquifer Transmissivity, W74-00363 7-0	1 2F	
W74-12401	7-23 6G	W74-04070	7-08 2K	W /4-00363 /-0	1 21	
P.D. D. 107				FRISA, C. N.		
FRI, R. W.		Incorporation of Uranium in Mod		Effect of Blackfly Larviciding in Some A	diron	-
Beyond the Brushfires, W74-12458	7-23 6G	W74-03064	7-06 2K	dack Streams,		
W 74-12436	1-23 60	FRIEDMAN, I.		W74-11489 7-2	2 50	C
FRIBERG, L.		Meteoric Water in Magmas,		PRISCUPNICUT N.C.		
Cadmium in the Environment, II,		W74-11112	7-21 2K	FRISCHKNECHT, N. C. Small Mammals Increase on Recently C	leare	d
W74-12492	7-23 5B			and Seeded Juniper Rangeland,	icarce	
Const Disserted and Constant	N 4	FRIEDMAN, J. D.	. n		6 4/	A
General Discussion and Conclus	ions-Need for	Thermal Surveillance of Cascad				
Further Research, W74-07689	7-15 5C	canoes Using ERTS-1 Multispe Aircraft Imaging Systems, and		FRITTON, D. D.		
W 74-07089	1-13 SC	Data Communication Platforms,	Ground-Based	Bulk Density of a Fragipan Soil in Natur	al an	d
Inorganic Mercury-Relation Betw	een Exposure	W74-06692	7-13 7C	Disturbed Profiles,	0 01	_
and Effects,			,	W74-10342 7-1	9 81	,
W74-07686	7-15 5C	FRIEDMAN, M. H.		FRITTS, H. C.		
PRIBERC C		Arsenic and Antimony in Laund		Dendroclimatic History of Southw	ester	n
FRIBERG, S.	acta Flacaula	strumental Neutron Activation A		United States,		
Waste Water Impurity Level Aff tion Efficiency of Polyelectrolyte		W74-06030	7-12 5A	W74-06290 7-1	2 21	В
W74-04195	7-08 5D	FRIEDMAN, R.		FRITZ, J. C.		
11 14 04123	1-00 32	Computer Identification of Ba	cteria on the	Iron and Associated Trace Mineral Probl	lems i	in
FRIBOURG, H. A.		Basis of Their Antibiotic Susc	eptibility Pat-	Man and Animals,	Cilio I	•••
Precipitation Probabilities for East		terns,			5 21	K
W74-10399	7-20 2B	W74-01443	7-03 5A			
Precipitation Probabilities for M	iddle Tennes-	FRIEDMANN, J.		FRITZ, J. S.		
see,	iddic Tellics-	The Future of the Urban Habitat		Trace Organics In Water: Their Isolati	on an	d
W74-10400	7-20 2B	W74-09413	7-18 6E	Identification, W74-03848 7-4	08 5	
				W /4-03646 /-C	18 31	٨
Precipitation Probabilities for We		FRIEDRICHS, D. R.	und Cuntam for	Trace Soluable Organic Compounds in	Potabl	le
W74-10401	7-20 2B	Information Storage and Retriev Well Hydrograph Data User's M		Water Supplies,		
FRIDMAN, SH. D.		W74-10442	7-20 4B	W74-04855 7-1	10 5	A
An Airborne Gamma Survey of	Moisture Con-	1174-10442	1-20 42	PRITICOILE A P		
tent in the Surface Dete		The Transmissivity Iterative Pr		FRITZSCHE, A. E. Areal Snowpack Water-Equivalent Dete	in	
(Samoletnaya gamma-s'yemka za		PDP-9 Computer - A Man-Mach	ine Interactive	tions Using Airborne Measurements of		
sloye poverkhnostnogo zaderzha	niya),	System,	7-19 2F	Terrestrial Gamma Radiation,		
W74-02307	7-05 2G	W74-09825	/-19 ZF		20 2	C
PRIDRIESCON C		FRIEL, E. A.				
FRIDRIKSSON, S. Satellite Geological and Geoph	veical Pemote	Floods at Martinsburg and Vicin	nity, West Vir-	FROEBE, H. A.		
Sensing of IcelandPreliminary		ginia,		Phytosociological Observations in Inu- Zone Farmlands in the Northern Upper		
Analysis of MSS Imagery,	Accounts from	W74-02615	7-05 2E	Valley, (In German),	Knii	ıc
W74-01699	7-04 2C	FRIENDMANN, T. J.			-15	21
		Bacterial Endotoxins in the Envi	ronment,			-
FRIED, J. J.	h. The	W74-00618	7-02 5B	FROEHLICH, B. R.		
Some Recent Applications of	the Theory of			Pollution Control and the Behavior of th	e Fire	n-
Dispersion in Porous Media, W74-12854	7-24 2F	FRIES, L.	Dad Alone Do	-A Technical Note,	07 .	
	7-24 ZF	Growth Stimulation of Axenic Simple Phenolic Compounds,	Ked Algae By	W74-03749 7-	07 5	u
FRIEDE, J.		W74-11346	7-21 5C	FROELICH, P. N.		
Assessment of Biodegradation		W/4-11340	1-21 JC	Temporal and Depth Study of Alkaline	e Ear	th
Controlling Oil Spills on the High		FRIESEN, H. N.		Chlorinity Ratios in Seawater at a Sing	gle St	a-
W74-12649	7-23 5G			tion South of Puerto Rico,		
EDIEDE I D		W74-09401	7-18 7C	W74-05457 7-	11 5	В

FROHLICH, R. K.

The Detection of Subsurface Stream Channels in Carbonate Rocks by Geoelectrical Methods, W74-05541

7-11

2F

Production and Characterization of Emulsifying Factors from Hydrocarbonoclastic Yeast
and Bacteria,
W74-08632
7-16 5B
FRIGGE, W. J.
Shallow Water Experiment Utilizing the STD
Model 9006 at a Fixed Point,
W74-086317
7-12 2L

FRIEDE, J. D.

Mt. Sunapee State Park, New Hampshire Spray Irrigation Project, W74-12893 7-24 5D

FROLANDER, H. F.
Biological and Chemical Features of Tidal
Estuaries,
W74-00031 7-01 2L

7-01 2L

7-20 4B

FUCHS, R. L. Energy Shortage Stimulates Geothermal Ex-

ploration, W74-10851

W74-00031	7-01 2L	FROST, V. E.	W74-10851 7-20 4B
FROLOV, N. M.		Eutrophication of Lake 227 by Addition of	FUDANO, S.
Types of Commercial Deposits of	f Thermal Un-	Phosphate and Nitrate: The Second, Third, and	Separation and Analysis of Mixtures of Ca-
derground Waters and Some Vie		Fourth Years of Enrichment, 1970, 1971, and	tionic Surface-Active Agents by Salting-Out
sessment of Their Reserves,		1972,	Chromatography,
W74-08994	7-17 2F	W74-04789 7-09 5C	W74-05481 7-11 2K
FROLOV, YU. A.		FROST, V. E. AND	FUECHSEL, R.
The Possibilities of the Ide	entification of	Production of Epilithiphyton in Two Lakes of	Possibilities for Reducing the Effluent Load of
Precipitation Zones with Misz (the Experimental Lakes Area, Northwestern	Sulfite Pulp Mills (Moeglichkeiten zur
Artificial Earth Satellites),	-	Ontario,	Behebung der Abwasserbelastung durch Sulfit-
W74-09196	7-17 2B	W74-04787 7-09 5C	zellstoffanlagen),
FROMAN, C. A. JR.		FROTA, J. N. E.	W74-09474 7-18 5D
The Pros and Cons of Automated	Filters	Calcium Loss from Plant Roots During	FUELBERG, H. E.
W74-08226	7-16 5D	Osmotic Adjustment,	A Compilation of Studies from Atmospheric
	. 10 32	W74-03924 7-08 2I	Variability Experiment (AVE),
FROMM, P. O.		PROULA N. H.	W74-00851 7-02 2B
Mercury Uptake and Ion Distri		FROULA, N. H. Sound and Shock Transmission in Frozen	
of Rainbow Trout (Salmo gai		Soils.	A Study of Winter Precipitation Areas in Rela-
Scans with an Electron Micropro W74-04778	7-09 5A	W74-04383 7-09 2C	tion to Several Indicators of Vertical Motion-
W /4-04//8	7-09 3A	***************************************	Chapter I of a Compilation of Studies from At-
A Scanning Electron Microsc	opic Study of	FRUH, E. G.	mospheric Variability Experiment (AVE),
Secondary Lamellae and Chle		Effects of Watershed Development on Water	W74-00852 7-02 2B
Rainbow Trout (Salmo gairdneri)		Quality,	FUERST, R. S.
W74-08096	7-15 SC	W74-00118 7-01 5C	Operation Characteristics of NO2 Permeation
		FRUMAN, D.	Devices,
Uptake of Methyl Mercuric Chl		Development of a Batchwise In-Situ Regenera-	W74-11002 7-21 5A
curic Chloride by Trout: A St		tion Type Separator To Remove Oil from Oil-	
Pathways into the Whole Anim by Erythrocytes in Vitro,	iai and Optake	Water Suspensions,	FUGIKI, T.
W74-01412	7-03 SC	W74-10441 7-20 5D	Distribution of Bottom Fishes in Relation to
W/4-01412	7-03 30		Oxygen Contents in the Bottom Water or
FROMMER, M.		FRY, B. E. JR.	Omura Bay, (In Japanese), W74-13086 7-24 5C
An Experimental Study of a Wa	stewater Treat-	Effect of Ascorbic Acid on Cadmium Toxicity	W /4-13086 /-24 3C
ment System Suitable for Shipbe		in the Young Coturnix, W74-07707 7-15 5C	FUHRMANN, E.
W74-09373	7-18 5D	W14-01/01	Contributions to The Study of Sterlet
Undergosting Payers Ormas	is Mambranes	FRY, E. M.	(Acipenser ruthenus ruthenus L.) Artificial
Hydrocasting Reverse Osmos Development of Porous Suppor		Shawnee Comprehensive Plan, Water Works	Breeding: II. Fry and Fingerling Feeding in
of Mechanism of Membrane		System and Sanitary Sewerage System,	Basins With Circular Water Flow, (In Rumani-
Development of Non-Cellulos		W74-05871 7-11 5D	an),
Membranes,		FRY, F. E. J.	W74-11156 7-21 8I
W74-00161	7-01 3A	The Effect of Changes in Ambient Tempera-	FUHRMANN, H.
		ture on Spontaneous Activity in Skipjack Tuna,	Contributions to The Study of Sterlet
FROMMER, M. A.		W74-04241 7-08 5C	(Acipenser ruthenus ruthenus L.) Artificial
The Influence of the Chemi			Breeding: II. Fry and Fingerling Feeding in
Polymers on Their Drag Red	uction Charac-	FRY, J. C.	Basins With Circular Water Flow, (In Rumani-
teristics, W74-10427	7-20 8B	Factors Which Influence the Enumeration of	an),
11/4-1042/	7-20 6B	Bdellovibrio Bacteriovorus in Sewage and	W74-11156 7-21 8I
FROST, D. V.		River Water, W74-00624 7-02 5A	PRIMO O W
Excretion Studies in Swine Fed	Arsanilic Acid,	1-02 3A	FUHS, G. W.
W74-00400	7-01 5B	A Medium for Counting Aquatic Heterotrophic	Cytochemical Examination of Blue-Green Algae,
PROCE & C		Bacteria in Polluted and Unpolluted Waters,	W74-12568 7-23 5C
FROST, I. C.	han in Madam	W74-00663 7-02 5B	W 14-12300 1-23 3C
Determination of Organic Car Carbonate Sediments,	bon in Modern	FRYE, D. E.	Nutrients and Aquatic Vegetation Effects,
W74-04059	7-08 2J	Field Investigations of Heated Discharges from	W74-09498 7-18 5C
W 74-04039	7-06 23	Nuclear Power Plants on Lake Michigan: 1972,	
FROST, K. R.		W74-12904 7-24 5B	Phosphorus Content and Rate of Growth in the
Plant and Irrigation Water Requ	irements,		Diatoms Cyclotella Nana and Thalassiosira Flu-
W74-07452	7-14 3F	FRYER, G. E.	viatilis, W74-08719 7-17 5C
EDOCE I D ID		An Airborne Gamma Ray Spectrometer and Its	W74-08719 7-17 5C
FROST, L. R. JR. Evaluation and Simulation of C	haminal Ounlitu	Application in Nuclear Power Plant Site Sur-	FUJII, T.
Data for Five Montana Samplin		veys,	Studies of Renovation of Pulp Mill Wastewater
W74-04484	7-09 2K	W74-08908 7-17 5A	Pilot Plant Tests for Granular Activated Carbon
11/4-04404	7-09 2K	FRYER, J. L.	Adsorption of Kraft Pulp Mill Wastewater, (In
FROST, M.		Effects of Temperature on Diseases of Sal-	Japanese),
Environmental Management and	d Local Govern-	monid Fishes,	W74-08778 7-17 5D
ment,		W74-08834 7-17 5C	
W74-08827	7-17 6E		Studies on Renovation of Pulp Mill Waste
FR007 F F		FUCHS, M.	Water: Pilot-Plant Tests for Granular Activated
FROST, T. P.		The Heat Flux Density in a Non-Homogeneous	Carbon Adsorption of Kraft Pulp Mill Waste-
Control of Algae by Mixing,	7 10 50	Bare Loessial Soil,	water (In Japanese), W74-09457 7-18 5D
W74-05064	7-10 5G	W74-07346 7-14 2G	W74-09457 7-18 5D

FUJII, Y.		
FUJII, Y. Chemical Prospecting of Steam and Hot Water	Trace Element Measurements at the Coal-Fired Allen Steam Plant - Progress Report, June 1971	FURLOW, B. M. Some Influences of Aquatic Vegetation on the
in the Matsukawa Geothermal Area, W74-09023 7-17 2K	to January 1973, W74-09833 7-19 5A	Species and Number of Culicidae (Diptera) in Small Pools of Water,
Process for Treating Waste Water Containing	FULLER, C. E.	W74-01609 7-03 21
Nitriles, W74-00957 7-02 5D	Andover Gives Shot to Supply, W74-10944 7-21 5F	FURMAN, A. I. Procedure for Evaluating the Effect of Convec-
FUJIMOTO, M. Studies on the Relationship Between Miscanthus Sinensis Community and Soil: IV. Relationship Between Humus and Productivity	FULLER, S. L. H. Range Extensions of Corbicula manilensis (Philippi) in the Atlantic Drainage of the United States,	tive Cloud Modification for the Purpose of Ar- tificially Controlling Precipitation and the Results of Aircraft Studies on the Structure of Cumulus Clouds, W74-09378 7-18 3B
of Miscanthus Sinensis Grassland, W74-12737 7-23 2G	W74-08685 7-16 2I FULLERTON, H.	FURMAN, R. W.
FUJINAGA, T. Polarographic Determination of 8-Hydrox- yquinolinates After Extraction with Naphthalene. Trace Analysis of Cadmium and	Preliminary Indicators of Income/Wealth Redistribution Associated with Bureau of Reclamation Projects, W74-03771 7-08 6B	Fire Climates in the Southwest, W74-04130 7-08 4A FURUKAWA, T. Distribution of Fluoride in Waters of Tokyo
Lead, W74-11876 7-22 5A	FULLERTON, H. H.	Bay, W74-08549 7-16 5B
FUJITA, D. K. The Influence of Eutrophic Lake Sediments on	The Concept of Carrying Capacity, W74-12469 7-23 6B FULLERTON, T. M.	FUSS, C. M. JR. Foreign Fishing Off the Southeastern United
the Growth of Different Planktonic Algae, W74-02956 7-06 5C	Malezas Acuaticas, Aquatic Weeds, J. M. Bristow,	States under the Currently Accepted Contiguous Sea Limitation,
FUJITA, Y. Immunological Identification of Pigment Com-	W74-00736 7-02 4A	W74-05654 7-11 6E
ponent of a Photochemically Active Chromoprotein (ACP) Isolated From the Blue- Green Alga Anabaena cylindrica,	FULTON, G. P. Recover Alum to Reduce Waste-Disposal Costs,	GABBOTT, P. A. Biochemical Effects of Temperature and Nutritive Stress on Mytilus edulis L,
W74-01811 7-04 5C	W74-13285 7-24 5D	W74-02873 7-06 5C
FUJIWARA, T. Studies on Reclamation Dike at River Mouth: Method of Forecasting Disaster Occurrence at Land Reclamation by Means of Estimating In-	FULWIDER, C. W. Thermal Regime in an Arctic Earthfill Dam, W74-04410 7-09 8D	GABE, D. R. AND Overgrowth of Ooze Iron-Manganese Microorganisms Studied by Electron Microscopy, (In Russian).
fluence of Shape of Dike and Configuration Surrounding Land Reclamation Area (In	FULWYLER, M. J. A New Multiparameter Separator for Microscopic Particles and Biological Cells,	W74-04558 7-09 5A
Japanese), W74-05355 7-10 4A	W74-03313 7-07 7B	GABLINGER, M. Use of Systems Approaches in Planning
FUKS, N. SH. Electrochemical Purification of Industrial Ef-	FUNG, A. K. Backscattering from a Two-Scale Rough Sur-	Israel's Water Resources Management, W74-02352 7-05 6A
fluents (Elektrokhimicheskaya Ochistka Promyshlennykh Stocknykh Vod), W74-06402 7-12 5D	face with Application to Radar Sea Return, W74-03509 7-07 7B	GABORIT, M. Utilization of Factorial Analysis in Connection with the Study of Growth in Benthic Mollusks
FUKUCHI, T. Shore Protection on the Coast of 'Yaizu',	A Non-Coherent Model for Microwave Emissions and Backscattering from the Sea Surface, W74-03510 7-07 7B	of Lake Chad, (In French), W74-12332 7-23 2H
W74-03700 7-07 8B	A Theory of Microwave Apparent Temperature Over the Ocean,	GABRIEL, G. F. Are the Great Lakes Threatened,
FUKUDA, M. Some Geothermal Measurements at the Otake	W74-05126 7-10 2B	W74-13218 7-24 5G
Geothermal Area, W74-09027 7-17 2F	Toward Radscat Measurements Over the Sea and Their Interpretation,	GABRIELIAN, S. The Carbon Rod Atomic Absorption Analysis
FUKUHARA, H. Vertical Migration of Spaniotoma akamusi Lar-	W74-06361 7-12 7B	of Arsenic in Plant and Animal Tissues, W74-10985 7-21 5A
vae (Diptera:Chironomidae) through the Bottom Deposits of Lake Suwa, W74-07543 7-14 2H	FUNK, R. J. Control of Unconsolidated Sands in Waste- Disposal Wells,	Evaluation of Digestion Techniques for the AAS Determination of Metal Concentrations in Kelp,
FUKUNAGA, E. T.	W74-10868 7-20 8A	W74-10986 7-21 5A
Volcanic Air Pollution: Deleterious Effects on Tomatoes, W74-07430 7-14 5C	FUNK, W. H. Effects of Copper, Zinc, and Cadmium on Selanastrum Capricornutum,	GABRILEVSKAYA, L. N. Barrier Role of Water Works Installations in
FUKUSHIMA, A. Parametric Model of Runoff in Low-Lying	W74-10563 7-20 5C FUNKE, J. W.	Respect to Chemical Contaminations Classified According to Organoleptic Properties of Hazards, (In Russian),
Agricultural Lands (In Japanese), W74-02076 7-04 3F	The Full-Scale Refinement of Purified Sewage for Unrestricted Industrial use in the Manufac- ture of Fully Bleached Kraft-Pulp and Fine	W74-01584 7-03 5D Conditions for Discharge into a Body of Water
FUKUSHIMA, H. Studies on Salt Wedge by Ultrasonic Method, W74-03703 7-07 2L	Paper, W74-02906 7-06 5D	of Prometrine Production Effluents, (In Russian), W74-13065 7-24 5D
1-0/ 2L	FURKERT, R. J.	CARRIEGH B V

Mineralogy of Parent Materials, Topsoils and Erosion Products of Taita Experimental Station,

GABRYSCH, R. K.

Ground-Water Data for Harris County, Texas: Volume II--Records of Wells, 1892-1972,

W74-05527

7-11 4B

7-01 2G

FULKERSON, W.

The Occurrence of Mercury in the Environ-The Occurrence of Melculy ...
ment and Man, Discussion Paper,
7-13 5B

tion, W74-00182

Ground-Water Data for Harris County, Texas: Volume III-Chemical Analyses of Water from Wells, 1922-71,	GAIGALAS, K. S. Study of Mesh Fish Barriers in the Polder Systems of the Nemunas River Delta, (In Rus-	Reduction of Pollutants in Effluents (Umen'shenie postupayushchikh v stok zagryaznenii),
W74-05528 7-11 4B	sian),	W74-05432 7-11 5B
GADE, H. G.	W74-08125 7-15 8I	GALAY, V. J.
Effects of a Nonrigid, Impermeable Bottom of	GAILENSON, A.	Predicting Depth-Discharge Relationships for
Plane Surface Waves in Shallow Water,	Man's Impact on the Colorado River in the	Sand-Bed Rivers, W74-12093 7-23 4A
W74-00030 7-01 2L	Grand Canyon,	W74-12093 7-23 4A
GADKARI, S. K.	W74-13149 7-24 4C	GALBRAITH, J. W.
Bituminous Coal - A Substitute for Anthracite	GAINES, A. G. JR.	Trace Metal Analysis in Water by Proton-In-
Filter Media in Two-Layer Filtration of Water,	Biological Effects of Ocean Disposal of Solid	duced X-Ray Emission Analysis of Ion- Exchange Membranes,
W74-08350 7-16 5F	Waste,	W74-11355 7-21 5A
CARRIER U. R.	W74-03840 7-08 5C	***************************************
GADZHIEV, V. D. Aquatic-Bog Vegetation of the Samur River		GALE, N. L.
Basin. (In Russian).	GAINES, J. L. Use of Fluorescent Dye Tracers in Mobile Bay,	The Lead Industry as a Source of Trace Metals in the Environment.
W74-11172 7-21 2I	W74-07642 7-15 5B	W74-09208 7-17 5B
	W/4-0/042 /-13 3B	717 32
GAFFKE, J. N.	GAIPOVA, A. G.	GALE, T. F.
Lead and Cadmium Content of Selected Oregon Groundfish,	Gross Chemical Composition of Murgab Oasis	The Interaction of Mercury with Cadmium and Zinc in Mammalian Embryonic Development,
W74-13318 7-24 5C	Desertified and Ancient-Irrigation Soils (In	W74-11375 7-21 5C
7-24 30	Russian), W74-04123 7-08 3C	W/4113/3
Mercury Content of Oregon Groundfish,	W74-04123 7-08 3C	GALEGAR, W. C.
W74-11717 7-22 5A	GAITHER, W. S.	Water Pollution, W74-05740 7-11 5B
GAGE, J. C.	Policy for Location of Offshore Ports and Oil	W74-05740 7-11 5B
Analytical Methodology for Mercury-Discus-	Refineries in Coastal Areas,	GALENKO, A. G.
sion Paper,	W74-09995 7-19 5G	Utilization of White Water in Board Mills
W74-06793 7-13 5A	Research in the Coastal and Oceanic Environ-	(Ispol'zovanie oborotnoi vody na kartonnykh
	ment.	fabrikakh),
Biological Effects of Mercury Compounds, Discussion Paper.	W74-02481 7-05 2L	W74-07397 7-14 5D
W74-06814 7-13 5C		GALIK, A.
W/4-00014 /-13 3C	Research in the Coastal and Oceanic Environ-	Thin-Layer Chromatography of Metal Chelates.
The Determination of Ethylmercury in Blood,	ment,	Part II. An Extended Theory and Its Testing on
W74-06791 7-13 5A	W74-03096 7-06 2J	Metal Dithizonates and Metal Diethyldithiocar-
Environmental Dynamics of Mercury: Discus-	Research in the Coastal and Oceanic Environ-	bamates, W74-05500 7-11 5A
sion Paper,	ment.	W 14-05500 7-11 5A
W74-06799 7-13 5B	W74-12554 7-23 1A	GALINSKII, V. L.
		Food Base of Fish and Ways of Increasing Fish
GAGER, S.	Research in the Coastal and Oceanic Environ- ment. A Summary of Research Accomplished	Productivity of the Dneprodzerzhinsk Reser- voir, (In Russian),
MetathionA New Low-Toxicity Or-	Under Project Themis,	W74-11387 7-21 2H
ganophosphorus Insecticide, W74-01796 7-04 5B	W74-04732 7-09 2L	
W/4-01/90 /-04 3B		GALL, R. J. The Anti-Pollution Sequence - A New Route to
GAGLIONE, P.	GAJBHIYE, K. S.	Reduced Pollutants in Bleach Plant Effluent,
Environmental Radioactivity - Ispra 1971,	Quality of Ground Water in Bikaner District of	W74-06385 7-12 5D
W74-04176 7-08 5B	Western Rajasthan, W74-13151 7-24 4B	
GAGOSHIDZE, M. S.	W/4-13131 /-24 4B	GALLAGHER, J. J. Convertible Barrier for Substances Floating on
Mudflow Properties and Patterns (O svoyst-	GAK, D. Z.	Water.
vakh i zakonomernostyakh selevykh potokov),	Role of Bacteria in the Feeding of Zooplankton	W74-05902 7-11 5G
W74-02750 7-06 2J	of the Dnieper Reservoirs, (In Russian),	
a.m	W74-00496 7-01 5C	GALLAGHER, R. M.
GAHLER, A. R. Nutrient Losses After Clear-Cut Logging and	GAK, YE. Z.	Preliminary Report on the Hydrography of the Pensacola Bay Estuary, Florida,
Slash Burning in the Oregon Coast Range,	Method of Investigation of Nonlinear Filtration	W74-03347 7-07 2L
W74-00381 7-01 4C	Effects (O metodike issledovaniya nelineynykh	
	fil'tratsionnykh effektov),	GALLAHER, J. T.
The Phosphorus Status of Eutrophic Lake	W74-11016 7-21 7B	Summary Ground-Water Resources of Al- legheny County, Pennsylvania,
Sediments as Related to Changes in Limnologi- cal ConditionsTotal, Inorganic and Organic	GAL, M.	W74-13204 7-24 4B
Phosphorus,	Mineralogical Composition of Clays in Soil	
W74-11131 7-21 5C	Profiles of Israel: I. The Soils of the Mediter-	GALLER, W. S.
	ranean Zone,	Design Optimization for Biological Filter Models,
GAHUKAR, R. T.	W74-07099 7-14 2G	W74-02679 7-06 5D
Note on Bioassay Trials on the Effect of Rain-	Mineralogical Composition of Clays in Soil	
fall on Acaricide Residues, W74-01777 7-04 5B	Profiles of Israel: II. The Soils of the Desert	GALLEZ, G. Some Simple Methods for Limpological Study
	Zone,	Some Simple Methods for Limnological Study in Shallow Water,
GAIDASH, YU. K.	W74-07100 7-14 2G	W74-00998 7-02 7B
Distribution of Monodacna Colorata	CALIBED C P	
(Eulamellibranchiata, Cardiidae) in the Samar-	GAL'PER, G. E. Calculation of Freshwater Consumption	GALLOWAY, T. R. Heat Transfer Fouling Through Growth of Cal-
sky Bay of the Zaporozhsky Water Reservoir (In Russian),	(Naladit' uchet raskhoda svezhei vody),	careous Film Deposits,
W74-00999 7-02 2H	W74-06381 7-12 5D	W74-02882 7-06 8G

GALVIN, C. J.

GALVIN, C. J. Wave Runup on Vertical Cylinders,	GAMMON, A. Design of Filtration Plant for Rockville, Con-	GANN, E. E. Water Resources of Northwestern Missouri,
W74-03372 7-07 8B	necticut, W74-08910 7-17 5F	W74-06961 7-13 7C
GALVIN, C. J. JR.		GANNON, J. E.
Breaker Type Classification on Three Labora-	GAMSON, R. M. Test for Anticholinesterase Materials in Water,	A Contribution to the Ecology and Distribution
tory Beaches, W74-02712 7-06 2E	W74-03838 7-08 5A	of Aquatic Acari in the St. Lawrence Great Lakes.
	GANAPATI, P. N.	W74-03314 7-07 5C
A Gross Longshore Transport Rate Formula, W74-03367 7-07 2J	Mixing and Circulation in Gautami-Godavari	GANS, P.
Longshore Current Velocity: A Review of	Estuary, W74-03459 7-07 2L	Some Novel Complexes of Chromium(I),
Theory and Data,		W74-07946 7-15 5A
W74-01187 7-03 2E	GANCZARCZYK, J. Aerobic Digestion of Organic Sludges Contain-	GANTT, E.
Longshore Currents at Nags Head, North Carolina,	ing Inorganic Phosphorus Precipitates: Phase I, W74-07268 7-14 5D	Effect of Light Intensity and Glycerol on the Growth, Pigment Composition, and Ultrastruc-
W74-04928 7-10 2L		ture of Chroomonas Sp., W74-07548 7-14 5C
	Biological Removal of Lignin from Kraft Mill	W /4-0/346 /-14 3C
Wave Breaking in Shallow Water,	Effluents: Changes in Molecular Size Distribu- tion,	GANUS, W. J.
W74-02638 7-05 2L	W74-12957 7-24 5D	Problems Related to the Evaluation of Ground-
GAMBA, G.		water Resources of the Crystalline Rock Area,
Phosphorimetric Determination of Traces of	Fate of Lignin in Kraft Effluent Treatment,	San Diego County, California, W74-09544 7-18 2F
Boron,	W74-01320 7-03 5B	7-16 ZF
W74-06755 7-13 5A	GANDHI, A. P.	GANYUSHINA, E. V.
GAMBACORTA, A.	Quality of Well Waters of Jaipur District,	Effect of Excess Soil Moisture on Yield and
Effects of pH and Temperature on the Fatty	W74-07106 7-14 4B	Biochemical Processes in Spring Wheat at Vari- ous Stages of Its Development (In Russian),
Acid Composition of Bacillus Acidocaldarius,	GANDHI, H. S.	W74-02325 7-05 3F
W74-05461 7-11 5C	Bacteriological Water Quality and Incidence of	7-03 31
GAMBEL, C. L.	Waterborne Diseases in a Rural Population,	GARA, R. I.
Method and System for the Containment and	W74-09540 7-18 5C	Wood Waste Reuse in Controlled Release
Salvage of Chemicals and Oils at Sea,	GANDIKOTA, M.	Pesticides, W74-05286 7-10 5D
W74-05908 7-11 5G	Photometric Determination of Diphenylamine	W 74-03200 7-10 3D
GAMBLE, J.	with Cerium(IV) Sulphate,	GARANIN, V. I.
ERTS-1 Applications to Minnesota Land Use	W74-05478 7-11 5A	The Age Group Distribution of Pelobates
Mapping,	GANDOLFI, G.	fuscus (Laur.) at the Kuibyshev Reservoir
W74-06632 7-13 4A	Predation on the Freshwater Bivalve Unio pic-	Shores (In Russian), W74-02641 7-05 2H
GAMBLE, J. F.	torum by the Rat, Rattus norvegicus, (In	W/4-02041 /-03 2H
Models of Matter Flow in a Southern Mixed	Italian), W74-07008 7-13 2I	GARBER, I.
Hardwood Forest in Florida: Preliminary	W74-07008 7-13 2I	Applications of Waste Processing Systems for
Results,	GANGOLLI, S. D.	Pressurized Water Reactors, W74-08349 7-16 5D
W74-07813 7-15 5B	Studies on the Effects of the Oral Administra-	7-10 35
A Proposed Mechanism for the Recycling of	tion of Di-(2-Ethylhexyl) Phthalate on some Hepatic Enzymes in the Rat,	GARBER, M. J.
Radiocesium in Florida Soil Plant Systems,	W74-10885 7-20 5C	Influence of Salinity on FE, MN, and ZN Up-
W74-05192 7-10 5A		take by Plants, W74-10336 7-19 3C
GAMBOLATI, G.	GANGOPADHYAYA, G.	17-19-30
Equation for One-Dimensional Vertical Flow of	Forecasting Yield of Wheat and Barley from Meteorological Factors in Rain-Fed Areas of	GARBER, N.
Groundwater: 2. Validity Range of the Diffu-	Iraq,	The Effect of Thyroxine and Triiodothyronine
sion Equation,	W74-13154 7-24 3F	on Bacterial Growth, W74-04891 7-10 5A
W74-00327 7-01 2F	GANGSTAD, E. O.	7-10 3A
Mathematical Simulation of the Subsidence of	Biological Control of Water Hyacinth with In-	GARCIA, B. N.
Venice 2. Results,	sect Enemies,	Pollution Control of Discharge Into Rivers,
W74-09884 7-19 2F	W74-12593 7-23 4A	Lakes and Coastal Waters in the Philippines, W74-08482 7-16 5G
Predictive Simulation of the Subsidence of	Herbivorous Fish for Aquatic Plant Control,	W74-08482 7-16 5G
Venice,	W74-07470 7-14 4A	GARCIA-BENGOCHEA, J. I.
W74-05137 7-10 2F		Corrosion Control in Water Wells,
GAMBRELL, R. P.	GANIYEV, K. G. Investigation of the Relation of Groundwater	W74-00952 7-02 5F
Disposal of Peach Cannery Waste by Applica-	Evaporation to Lithological Structure of the	GARCIA, G.
tion to Soil,	Zone of Aeration (K izucheniyu zavisimosti	Seventeen-Year Sediment Production from a
W74-13460 7-24 5D	ispareniya gruntovykh vod ot litologicheskogo	Semiarid Watershed in the Southwest,
GAMER, G.	stroyeniya zony aeratsii),	W74-01948 7-04 4D
Detection of Pollutants in Water by Raman	W74-07529 7-14 2D	Vegetation Changes as a Result of Soil Ripping
Spectroscopy,	GANJINI, A.	on the Rio Puerco in New Mexico,
W74-02164 7-05 5A	Soil and Water Conservation on Arable Lands,	W74-00696 7-02 4A
GAMESON, A. L. H.	W74-01633 7-03 3F	GARCIA, J. A.
Forecasting Pollution in Rivers, Estuaries and	GANLEY, R. J.	System and Method for Separating Heavier and
the Sea,	Sewage and Storms Get the Full Treatment,	Lighter Components of Liquid Mixtures,
W74-12116 7-23 5B	W74-09499 7-18 5D	W74-07203 7-14 5D

GARCIA, J. D. An Analysis of Mercurials in the Elephant Butte Ecosystem,	GARDNER, J. S. The Human Ecological Impact of Structural Flood Control on the Iowa River, Iowa,	GARNER, E. L. Determination of Lead, Uranium, Thorium, and Thallium in Silicate Glass Standard Materi-
W74-04859 7-10 5B	W74-04856 7-10 8A	als by Isotope Dilution Mass Spectrometry, W74-11385 7-21 5A
Analysis of Nutrient Supplies for Algae in	Recreation Use and Users of the Coralville-	W/4-11363 /-21 3A
Elephant Butte Reservoir, W74-12861 7-24 5C	Macbride Area: A Comparative Case Study, W74-11602 7-22 6B	GARNER, J. K. Reliability and Economic Optimization for
A Study of Mercurials in the Elephant Butte	GARDNER, R. A.	Urban Return Flows Management,
Reservoir Ecosystem,	Water Supply Evaluation and Proposed Com-	W74-05333 7-10 5B
W74-03899 7-08 5C	prehensive Study of the Charleston-Bushy Park Industrial Complex, South Carolina,	Reliability of Urban Water Quality Manage- ment,
GARCIA, J. G.	W74-09389 7-18 2L	W74-00180 7-01 5G
A Comparison of Land-Use Determinations	GARDNER, W. R.	CARNER R V
Using Data from ERTS-1 and High Altitude Aircraft.	Physico-Chemical and Microbial Reaction Ef-	GARNER, R. V. The Development and Operation of a Prototype
W74-06638 7-13 4A	fects on Transport in Porous Media,	State Environmental Information Center,
CARCIA N I	W74-12850 7-24 5B	W74-12473 7-23 10D
GARCIA, N. L. Human Factors Involved in the Development	Relation of Climate to Leaching of Solutes and	GARNER, W.
of a Watershed in Yabucoa,	Pollutants Through Soils, W74-12645 7-23 5B	Oxygenation of Aqueous Bodies Using Liquid
W74-03325 7-07 6B	W74-12645 7-23 5B	Oxygen-Loxination,
GARD, R.	GARDNER, W. S.	W74-07741 7-15 5D
Persistence of Headwater Check Dams in a	Gas Chromatographic Procedure to Analyze	Pyrolysis as a Method of Disposal of Cattle
Trout Stream,	Amino Acids in Lake Waters, W74-00061 7-01 5A	Feedlot Wastes,
W74-01566 7-03 2I		W74-09673 7-18 5D
GARDINER, D. A.	GARETH JONES, E. B.	GIROPILO P
The Occurrence and Retention of	Tricladium varium, An Aquatic Hyphomycete on Wood in Water-Cooling Towers.	GAROFALO, D. Application of ERTS-1 Data to the Protection
Radionuclides in the Sediments of White Oak Lake.	W74-08011 7-15 2I	and Management of New Jersey's Coastal Environment,
W74-11665 7-22 5B	GAREWAL, H. S.	W74-02579 7-05 7B
GARDINER, D. K.	A Procedure for the Estimation of Microgram	
The Hydrolysis of Urea in Rivers,	Quantities of Triton X-100, W74-01360 7-03 5A	GARRETT, C. Tidal Resonance in the Bay of Fundy and Gulf
W74-10608 7-20 5B		of Maine,
	GARG, B. S.	W74-03434 7-07 2L
GARDINER, E. A. Public Investment Criteria: Application to a	Kaempferol (3,5,7,4'-Tetrahydroxyflavone) as a Chromogenic Reagent for Tin(IV),	
Project in the Souris River Basin, W74-07070 7-14 6B	W74-07579 7-14 5A	Control and Confinement of Oil Pollution on
	GARG, O. P.	Water with Monomolecular Surface Films, W74-11781 7-22 5G
GARDINER, J.	In Situ Physicomechanical Properties of Per- mafrost Using Geophysical Techniques,	
The Chemistry of Cadmium in Natural Water I: A Study of Cadmium Complex Formation	W74-04399 7-09 2C	GARRETT, W. N. Continued Recycling of Cattle Manure,
Using the Cadmium Specific-Ion Electrode, W74-03775 7-08 5B	GARKUSHA, N. A.	W74-00424 7-01 5D
	Use and Conservation of Water Resources in the Ukraine (Ispol'zovaniye i okhrana vodnykh	GARRETT, W. R.
The Chemistry of Cadmium in Natural Water-	resursov v Ukrainskoy SSR),	Usable Water from Raw Sewage,
II. The Adsorption of Cadmium on River Muds and Naturally Occurring Solids,	W74-01971 7-04 5D	W74-13459 7-24 5D
W74-07420 7-14 2K	CARLAND C P	GARRISON, A. W.
	GARLAND, C. F. Submerged Turbine Aerator,	Current Practice in GC-MS Analysis of Or-
GARDNER, C. R. Transport Properties of Charge-Mosaic Mem-	W74-08027 7-15 5D	ganics in Water,
branes-Part A,	CARLAND I H N	W74-00834 7-02 5A
W74-00310 7-01 3A	GARLAND, J. H. N. Nutrient Budgets in Rivers.	GARRISON, G. R.
GARDNER, D. R.	W74-03947 7-08 5C	Formation of Thermal Microstructure in a Nar-
Lethality and Behavioral Symptoms Produced	CADIAND T B	row Embayment During Flushing,
by Some Organophosphorous Compounds in	GARLAND, T. R. Environmental Chemistry,	W74-00517 7-01 2L
the Snail (Helix Aspersa),	W74-09235 7-17 5B	GARRISON, K. M.
W74-11483 7-22 5C		Evaluation of 75,000 GPD Continuous Ion
GARDNER, G. B.	GARMAN, W. H. Agriculture and Environment,	Exchange Sea Water Desulfating Pilot Plant,
Hydrography of the Chesapeake and Delaware	W74-00427 7-01 5B	W74-11629 7-22 3A
Canal,		GARRISON, W. L.
W74-09944 7-19 4A	GARMASHOV, V. N. Two Harvest of Cereal Crops per Year with Ir-	Economic, Social and Environmental Impacts
GARDNER, G. R.	rigation, (In Russian),	of Public Works, Vol. I Pittsburgh Area Stu-
Acute Toxicology to an Estuarine Teleost of	W74-01202 7-03 3F	dies, Vol. II. The Alegheny County Sanitary
Mixtures of Cadmium, Copper and Zinc Salts,	CADNAKEDIVAN A A	Authority (AlCoSan) Facility, Vol. III. Impact
W74-13101 7-24 5C	GARNAKER'YAN, A. A. Aircraft Measurement of Sea-Wave Parameters	Analysis, W74-05231 7-10 6B
GARDNER, H. R.	by the Radio-Engineering Method (Izmereniye	
Prediction of Water Loss from a Fallow Field Soil Based on Soil Water Flow Theory.	parametrov morskogo volneniya radiotekh- nicheskim metodom s letatel'nogo apparata),	Sewage Collection and Treatment Systems: Is- sues in and Approaches to Impact Analysis,
W74-10218 7-19 2D	w74-09933 7-19 7B	W74-05241 7-10 6B

GARSIDE, C.

GARSIDE, C.	GASANENKO, A. YA.	Predictive Simulation of the Subsidence of
The Possible Occurrence of Photosynthet		Venice, W74-05137 7-10 2F
Microorganisms in Deep-Sea Sediments of th	e Winter Wheat Seeds Under Irrigated Conditions in the Southern Steppes of the Ukraine,	W /4-0313/ /-10 2F
North Atlantic, W74-06155 7-12 5		GATZ, A. J. JR.
GARSIDE, E. T.	W74-03915 7-08 3F	Effects of Temperature on Activity and Mor- tality of the Scyphozoan Medusa, Chrysaora
Ultimate Upper Lethal Temperature of Atlant	c GASANOV, N. V.	quinquecirrha,
Salmon Salmo salar L.,	Sanitary and Hydrobiological Characteristics of	W74-07561 7-14 5C
W74-04869 7-10 5	the Samur-Apsheror Canal, (In Russian), W74-12153 7-23 21	GAUCH, G. J.
GARST, M. J.	W /4-12133 /-23 21	Apparatus,
The Chemistry and Quantitative Utility of Sod	j. GASIOR, S. J.	W74-03014 7-06 5G
um Cobaltinitrite in the Determination	Analyses of Tars, Chars, Gases, and Water	GAUDET, J. P.
Phenols,	Found in Effluents from the Synthane Process,	Air and Water Flow During Ponded Infiltration
W74-00465 7-01 5	A W74-08592 7-16 5A	in a Vertical Bounded Column of Soil,
GARTON, J. E.	GASKIN, D. A.	W74-11467 7-22 2G
Climate and the Selection of a Beef Housin	Application of Electrical Energy to Culvert	GAUDETTE, H. E.
and Waste Management System,	Icing ProblemsA Laboratory Study,	An Inexpensive Titration Method for the Deter-
W74-10134 7-19 5	D W74-07909 7-15 8C	mination of Organic Carbon in Recent Sedi-
Economic Size Selection for PVC Pipelines,	GASKIN, D. A. AND	ments,
W74-07303 7-14 8	Control of Culvert Joins	W74-06284 7-12 5A
W 14-0/303 /-14 8	W74-04411 7-09 4C	GAUDY, A. F. JR.
Effect of Roughness Elements on Hydraul	ic	Metabolism of Components of Extended Aera-
Resistance for Overland Flow,	GASKIN, P. N. Pore Water and Heaving Pressures Developed	tion Activated Sludge,
W74-06594 7-13 8	in Partially Frozen Soils,	W74-12001 7-23 5D
Evaluation of Beef Waste Management Alte		GAUDY JR, A. F.
natives.		Control of Biological Solids Concentration in
W74-09693 7-18 5	D GASNER, L. L.	Extended Aeration,
	Treatment of Pulp Mill Wastes,	W74-09508 7-18 5D
Low Energy Mechanical Methods of Reserve	ir W74-02038 7-04 5D	GAUDY, R.
Destratification,	GASPAR, E.	Experimental Study of Egg-Laying in Three
W74-11572 7-22 4	Method With Radiotracers and Experiments in	Neritic Copepod Species (Centropages Typ-
Semi-Portable Sheet Metal Flume for Aut	0- Hydrocarst Structures,	icus, Acartia Clausi, and Temora Stylifera).
mated Irrigation,	W74-10108 7-19 5A	W74-08741 7-17 2L
W74-04138 7-08	GASPARYAN, O. B.	GAUFIN, A. R.
CARTEMAN I N	Effect of Light Intensity on the Quality and	The Fate and Effects of Pesticides in the
GARTSMAN, I. N. Topology of River Systems and Hydrograph	P. F. Per diament Comp. P. May 15-	Aquatic Environment of the Flathead Lake
Indicator Studies (Topologiya rechnykh siste		Drainage Area,
i gidrograficheskiye indikatsionnyye i		W74-07835 7-15 5C
ledovaniya),	GAST, R. G.	An Investigation of the Water Quality and
W74-04578 7-09	A Establishing the Impact of Agricultural Prac-	Productivity of Polson Bay, Flathead Lake,
GARVINE, R. W.	tices on Groundwater Quality,	Montana,
Lagrangian Measurements in a Coastal U	n- W74-00571 7-02 5B	W74-07717 7-15 5C
welling Zone Off Oregon,	GAT, J. R.	Use of Aquatic Invertebrates in the Assess-
W74-12325 7-23	E Tritium in Precipitation and Freshwater	ment of Water Quality,
	Sources in Israel,	W74-12181 7-23 5A
GARWOOD, E. A.	W74-13444 7.24 SD	Water On the Province of Associate
Losses of Nitrogen and Other Plant Nutries to Drainage from Soil Under Grass,		Water Quality Requirements of Aquatic In- sects.
W74-12723 7-23	GATES, J. S. Worth of Data Used in Digital-Computer	W74-04551 7-09 5C
7-23	Models of Ground-Water Basins,	
GARY, A.	W74-04975 7-10 4B	GAUFIN, R. F.
Toxic Materials Analysis of Street Surfa	ce /-IU 4B	Accumulation of DDT by Aquatic Indicator Or- ganisms.
Contaminants,	GATES, L. F.	W74-08716 7-17 5C
W74-00306 7-01	Enterior of treatment and business compensation	711 30
GARY, H. L.	Light and Water on Stalk Rot of Corn, W74-03516 7-07 3F	GAUMER, T.
Snow Accumulation and Snowmelt as	n- W/4-03310	1971 Tillamook Bay Resource Use Study,
fluenced by a Small Clearing in a Lodgepe	ole GATTO, L. W.	W74-09085 7-17 6B
Pine Forest,	An ERTS View of AlaskaRegional Analysis	1971 Umpqua River Estuary Resource Use
W74-07526 7-14	of Lardi and Water Resources Dased on Dates	Study,
GARZA, S.	lite Imagery, W74-10251 7-19 7B	W74-09069 7-17 6B
Ground-Water Resources of the San Anton	io /-19 /B	GAUMNITZ, J. E.
Area, Texas: A Progress Report on Studi	es, Sediment Distribution and Coastal Processes in	Simulation of Water Recreation Users' Deci-
1960-1964,	Cook Inlet, Alaska,	sions,
W74-04992 7-10	4B W74-06671 7-13 2L	W74-01464 7-03 6D
GARZOLI, K.	GATTO, P.	GAUNTLETT, R. B.
The Response of a Glasshouse to High So		The Removal of Organic Compounds in the
Radiation and Ambient Temperature,	Venice 2. Results,	Production of Potable Water,
W74-13347 7-24	2I W74-09884 7-19 2F	W74-02265 7-05 5F

GAUSMAN, H. W.	Studies of the Forest Energy Budget,	Anion Adsorption by Allophanic Tropical Soils:
Reflectance Discrimination of Cotton and Corn	W74-06518 7-13 2D	III. Phosphate Adsorption,
at Four Growth Stages,		W74-07636 7-15 2G
W74-08269 7-16 3F	GAYDOS, M. W.	
	Water Resources of the Little River Basin,	GEBHARDT, T. G. JR.
Reflectance, Transmittance, and Absorptance	Louisiana,	An Analytical Interdisciplinary Evaluation of
of Light By Subcellular Particles of Spinach	W74-07671 7-15 4A	the Utilization of the Water Resources of the
(Spinacia oleracea L.) Leaves,	CAVE C I	Rio Grande in New Mexico: Upper Rio
W74-08809 7-17 3F	GAYE, G. J.	Grande,
	One-Day Extreme Rainfall Statistics for the	W74-02660 7-06 6B
GAUTAM, O. P.	Prairie Provinces,	
Effect of Row Spacing, Seed Rate, Nutrition	W74-13000 7-24 2B	GEBHART, B.
and Irrigation on Root Growth, Nodulation,	GAYMAN, W. R.	Laminar and Axisymmetric Vertical Jets in a
Quality and Uptake of Nutrients in Pea (Pisum	Littoral Sedimentary Processes on Kauai, a	Stably Stratified Environment,
sativum L. Var. Arvense Poir.),	Subtropical High Island,	W74-04224 7-08 8B
W74-12156 7-23 3F	W74-03102 7-06 2J	
	W /4-03102 /-06 23	On the Stability of Laminar Plumes: Some Nu-
GAUTREAU, J.	GAYVORONSKIY, I. I.	merical Solutions and Experiments,
Laser Light used to Lay Pipe,	Experimental and Theoretical Investigations of	W74-04662 7-09 5B
W74-10612 7-20 8A	Artificial Crystallization and Dispersal of Su-	
	percooled Clouds,	GEDEONOV, L. I.
GAVIN, D. A.	W74-10234 7-19 3B	Environmental Radioactivity,
Method for Making a Hollow Fiber Separatory	W 74-10234 7-19 3B	W74-04456 7-09 5B
Element,	GBUREK, W. J.	107 35
W74-05694 7-11 3A	Hurricane Agnes Floods East Mahantango	Ratio of CS-137 SR-90 in Ocean and Sea
	Creek,	Water,
GAVISH, Y.	W74-02174 7-05 2E	W74-11959 7-22 5B
Estimation Procedures for Response Functions	W/4-021/4	W/4-11757
of Crops to Soil Water Content and Salinity,	Hydrologic Impact of Tropical Storm Agnes,	GEDNEY, L. D.
W74-05678 7-11 3F	W74-11892 7-22 2B	Some Aspects of Active Tectonism in Alaska
		as Seen on ERTS-1 Imagery,
GAVLENA, F. K.	GBUREK, W. J. AND	W74-01712 7-04 7C
Benthophilus stellatus (Sauvage) in the	Soluble Phosphate Output of an Agricultural	W /4-01/12
Kuibyshev Reservoir (In Russian).	Watershed in Pennsylvania,	GEE, G. W.
W74-09433 7-18 2H	W74-04804 7-09 5B	Tree Water Stress in Relation to Water Yield In
GAVRILA, L.	GEACINTOV, N. E.	a Hardwood Forest,
Primary Production-Phytoplankton Relation-	Orientation of Chlorophyll in Vivo. Studies	W74-12362 7-23 2D
ship in the Crapina-Jijila Complex in the Flood	with Magnetic Field Oriented Chlorella,	OPP H C
Conditions of 1970, (In Rumanian),	W74-00245 7-01 5C	GEE, H. C.
W74-01015 7-02 2I		Beach Nourishment from Offshore Sources,
W/4-01013 /-02 21	GEARHEART, R. A.	W74-00522 7-01 2J
Primary Productivity in the Crapina-Jijila Lake-	A Eutrophication Model of the White River	
Complex (Danube Flooded Area) During	Basin Above Beaver Reservoir in Northwest	GEE, H. K.
Severe Flooding,	Arkansas,	P, N:P Standards for Hawaiian Streams,
W74-04194 7-08 5C	W74-00555 7-02 5C	W74-13217 7-24 5B
700 30		
GAVRILO, V. P.	GEARING, P. J.	GEEN, G. H.
Physics of Snow and Ice (Fizika snega i l'da),	Response of Blue-Green Algae to Technetium,	Effects of Copepod Grazing on Two Natural
W74-10385 7-20 2C	W74-02050 7-04 5C	Phytoplankton Populations,
7-20 20		W74-08726 7-17 5C
GAVRISHOVA, N. A.	GEBERT, W. A.	
Reduction of Waste Water Pollution in Paper-	Hydrologic Characteristics of Alder Creek,	Effects of Hydroelectric Development in
board Mills (Snizhenie zagryazneniya	Iron County, Wisconsin,	Western Canada on Aquatic Ecosystems,
stochnykhvod na kartonnykh fabrikakh),	W74-04920 7-10 4A	W74-11944 7-22 5C
W74-12961 7-24 5D		
W /4-12901 /-24 3D	GEBHARD, T. G. JR	Light Quality and Concentration of Proteins,
GAWRON, E.	An Analytical Interdisciplinary Evaluation of	RNA, DNA and Photosynthetic Pigments in
The Effect of Collecting Time and Grain Size	the Utilization of the Water Resources of the	Two Species of Marine Plankton Algae,
	Rio Grande in New Mexico: Lower Rio Grande	W74-08736 7-17 5C
on the Sampling of Stream Sediments for	Region,	
Geochemical Mapping in the St. Catharines	W74-07609 7-15 6B	Light Quality in Relation to Growth,
Area, Ontario,		Photosynthetic Rates and Carbon Metabolism
W74-04587 7-09 2J	An Analytical Interdisciplinary Evaluation of	in Two Species of Marine Plankton Algae.
CAV D W	the Utilization of the Water Resources of the	W74-08737 7-17 5C
GAY, B. W.	Rio Grande in New Mexico: Middle Rio	7-17 30
A Spectroscopic Study of Pasadena Smog,	Grande Region,	GEER, W. C.
W74-10995 7-21 5A	W74-05408 7-11 6B	Judicial Review of Administrative Decisions
CAV P B		Under the National Environmental Policy Act
GAY, F. B.	An Analytical Interdisciplinary Evaluation of	of 1969,
Hydrology and Water Resources of the Deer-	the Utilization of the Water Resources of the	
field River Basin, Massachusetts,	Rio Grande in New Mexico: Socorro Region,	W74-11141 7-21 6E
W74-13016 7-24 7C	W74-06103 7-12 6B	GEERTSEN, D. C.
W. L. L		Social Dimensions of Urban Flood Control
Hydrology and Water Resources of the Hoosic	GEBHARDT, H.	Decisions,
River Basin, Massachusetts,		
	Anion Adsorption by Allophanic Tropical Soils:	
W74-06958 7-13 7C	Anion Adsorption by Allophanic Tropical Soils: I. Chloride Adsorption, W74-07634 7-15 2G	W74-12369 7-23 6F

Anion Adsorption by Allophanic Tropical Soils: II. Sulfate Adsorption, W74-07635 7-15 2G

Energy Flux Studies in a Confierous Forest Ecosystem, W74-09615 7-18 2D

GAY, L. W.

GEERTZ, C.

W74-02106

The Wet and the Dry: Traditional Irrigation in Bali and Morocco,

GEFFERTH, KAROLY

GEFFERTH, KAROLY Some Hydrobiological Problems of the Ground-	Costs of Water Pollution Control in the Paper Industry,	GEODAKYAN, R. O. The Formation of Phytocenoses on the
water Enrichment at the Budapest Metropolitan	W74-05643 7-11 5D	Liberated Ground of Lake Sevan, (In Russian),
Waterworks, W74-13383 7-24 5C	Industrial Wastes: Paper and Applied Products,	W74-03632 7-07 2H
CONTRACT A T	W74-12941 7-24 5D	GEORGE, D. G.
GEHLBACH, A. E. Operational Problems of Pork Production Re-	Some Current Paper Industry Environmental Protection Problems,	Daphnia Distribution Within Langmuir Circula- tions,
lated to Environmental Quality, W74-09683 7-18 5D	W74-11126 7-21 5D	W74-05318 7-10 5C
	GELOSI, E.	GEORGE, D. R.
GEHM, H. W. An Overview of Water Reuse Potential in Pulp	Bioecological Observations on Gambusia af-	Solvent Extraction of Nitrate from Titanium
and Paper Manufacturing,	finis Holbrooki Girard Living in Sulfurous,	Leacher Effluent, W74-11763 7-22 5D
W74-07410 7-14 5D	Warm and Brackish Waters (In Italian), W74-04122 7-08 2I	W/4-11/65 /-22 3D
World's Largest Deep Aerated Stabilization		GEORGE, G. M. Recovery of Arsenic by Dry Ashing from
Basin in New Zealand,	GEMBICKI, S. A. Computer System for the Description and	Animal Tissue Fortified with Organoarsenicals
W74-06401 7-12 5D	Evaluation of Community Water Systems	or Arsenic Trioxide,
GEHRS, C. W.	Based on Reverse Osmosis Desalination,	W74-07573 7-14 5A
Culturing and Ecology of Diaptomus Clavipes and Cyclops Vernalis,	W74-01938 7-04 3A	GEORGE, M. D.
W74-12213 7-23 5C	GEMMELL, R. S.	A Stochastic Investment Model for a Survival
GEIGY, R.	Economic Guidelines for Public Utilities	Conscious Firm Applied to Shrimp Fishing, W74-09072 7-17 6B
Preliminary Results of the Project for Con-	Planning, W74-02114 7-04 5D	W/4-030/2 /-1/ 6B
trolling and Preventing Schistosomiasis in the	Water Quality Evaluation of Regionalized	GEORGE, R. M.
Lower Mangoky (Malagasy Republic), W74-00992 7-02 5F	Wastewater Systems,	Irrigation Disposal of Milking Center Wastes, W74-10304 7-19 5D
	W74-01107 7-03 5D	
GEISINGER, D. W. Small Town Gets an Efficient Waste System,	GENETELLI, E.	GEORGE, T. A. Snow Load Analysis and Recreational Uses of
W74-10466 7-20 5D	Sludge Characteristics of Municipal Solids,	Snow Data.
GEISLER, C.	W74-11834 7-22 5D	W74-09610 7-18 2C
Quality of Life in Kickapoo Valley Communi-	GENON, G.	GEORGE, W.
ties,	The Biodegradation of Hydrocarbons,	Analysis of the Proposed Little Chena River,
W74-09068 7-17 6B	W74-13300 7-24 5B	Earthfilled Nonretention Dam, Fairbanks,
GELASHVILI, F. N.	GENOVESE, S.	Alaska, W74-04412 7-09 8D
Effect of Irrigation with Thermal Water on Trace-Element Content in Some Soils of Geor-	Eutrophication: Recent Directions for New Perspectives,	
gia (Vliyaniye orosheniya termal'nymi vodami	W74-11357 7-21 5C	GEORGESON, D. Conjunctive Operation of Southern California
na soderzhaniye mikroelementov v nekotorykh pochvakh Gruzii),	GENOWAY, R. G.	Ground Water Basins with the State Water Pro-
W74-07508 7-14 3F	Freshwater Ecology,	ject,
GELBERT, K.	W74-09236 7-17 5C	W74-06943 7-13 4B
Flow Laws for Pseudoplastic Injection Fluids	GENT, A. H.	GEORGIEV, A.
(Clay Suspensions) in Gravel,	Observing Fire Protection Requirements in Fu- ture Water System Design,	Effect of Green Fertilizer on Grape Yield, W74-05346 7-10 5B
W74-12839 7-24 2F	W74-05012 7-10 5F	7-10 3B
GELDIAY, R.	GENTILLI, J.	GEORGIEV, B. V.
Bottom Fauna of Golcuk Lake. 1. Population Study of Chironomids, Chaoborus and	Economic Development of the Australian	A Method for Measuring the Quality of Bedload Transported by Short Flood Waves,
Oligochaeta,	Coastal Deserts,	W74-11541 7-22 7B
W74-05044 7-10 5C	W74-06484 7-12 6B	GEORGIEV, V. G.
Preliminary Survey of Golcuk, A Eutrophic	GENTNER, S. R.	Field Experience in the Sanitary-Hygienic Con-
Mountain Lake in Western Turkey, W74-03946 7-08 5C	Aquatic Vegetation of the Ottowa River Near Chalk River Nuclear Laboratories (CRNL),	trol of Pipe Lines in the Water Supply System,
W74-03946 7-08 5C	W74-06819 7-13 5C	(in Russian), W74-11186 7-21 5F
GELDREICH, E. E.	GENTRY, J. B.	
Bacterial Pollution Indicators in the Intestinal Tract of Freshwater Fish,	Relationships Between Levels of Radiocesium	CERA, F. Radioactive Waste Management in Italy,
W74-10131 7-19 5A	in Dominant Plants and Arthropods in a Con-	W74-02014 7-04 5D
GELHAR, L. W.	taminated Streambed Community, W74-06016 7-12 5C	CERACHEV I I
Stochastic Analysis of Phreatic Aquifers,	GENTRY, R. E.	GERAGHTY, J. J. Water Atlas of the United States,
W74-09882 7-19 2F	Water Quality Considerations in Planning Small	W74-08668 7-16 7C
GELLMAN, I.	Watersheds,	Water Atlas of the United States,
Characterization of Sulfite Pulping Effluents and Available Alternative Treatment Methods.	W74-13319 7-24 5G	W74-10107 7-19 7C
W74-05278 7-10 5D	GENTRY, R. P.	
A Comparison of Effluent Characteristics from	Endogenous Zinc Excretion and 65Zinc Metabolism in Holstein Calves Fed Inter-	GERAGHTY, M. E. Coxsackievirus B Epidemic at a Boys' Summer
Conventional and Oxygen Bleaching	mediate to High But Nontoxic Zinc Levels in	Camp: Isolation of Virus from Swimming

Practical Diets,

W74-07954

Water,

W74-12698

7-15 5C

7-23 5A

A Comparison of Effluent Characteristics from Conventional and Oxygen Bleaching Sequences: Results of a Laboratory Study, W74-07375 7-14 5D

Patterns of Radiocarbon Uptake by a Thermo- philic Blue-Green Alga Under Varying Condi-	Evolution of the Isotopic Composition of Lead in Ancient Marine Basins (K voprosu ob evolyutsii izotopnogo sostava svintsa v	Effect of Soil Water Potential on Growth and Yield of Sunflower (Helianthus Annuus), W74-12705 7-23 3F
tions of Incubation, W74-02972 7-06 5C	drevnikh morskikh basseynakh),	
GERARD, C. J.	W74-05559 7-11 2F	GHOSE, B. Interrelationships Between Quantitative
Cell Wall Properties of Cotton Roots as In-	GERMAN, E. R.	Geomorphic Characteristics of the Drainage
fluenced by Calcium and Salinity,	Water Resources Monitoring and EvaluationA	Basins in Sub-Humid to Humid Environment of
W74-08808 7-17 3C	Key to Environmental Protection in Alabama Oil Fields,	Rajasthan, W74-13147 7-24 4A
Influence of Antecedent Soil Moisture Suction	W74-03807 7-08 5B	
on Saturated Hydraulic Conductivity of Soils,	CERMAN P.O.	GHOSH, A. K. Groundwater Conditions of the Tarai Region,
W74-10211 7-19 2G	GERMAN, F. O. 1972 Operation of the ICPP Rare Gas Recovery	W74-05131 7-10 4B
GERARDI, I. A. Augmenting Water Supplies of the Volga River	Facility, W74-06822 7-13 5D	GHOSH, D. K.
and Diverting Part of the Runoff of Northern		Water Quality Problems Arising from Irrigation
Rivers Southward (O povyshenii	GERRARD, D. L.	Return Flow,
vodoobespechennosti r. Volgi i perebroske	Simple Direct Combination of Gas Chromatog- raphy and Vapor Phase Infrared Spectrometry,	W74-13322 7-24 5G
chasti stoka severnykh rek na yug), W74-05836 7-11 3B	W74-01355 7-03 5A	GHOSH, S.
	CHRON B	Kinetics of Substrate Assimilation and Product
GERASIMENKO, T. V.	GERSON, R. Karst Processes of the Eastern Upper Galilee,	Formation in Anaerobic Digestion, W74-09440 7-18 5B
Dependence of Photosynthesis on Temperature in Tundra Plants of Wrangel Island, (In Rus-	Northern Israel,	W 74-03440
sian),	W74-07157 7-14 2F	Wastewater Treatment: Anaerobic Processes,
W74-12481 7-23 2I	CECINE D W	W74-12937 7-24 5D
CERAUTARE A R	GESINK, R. W. Vegetative Response to Chemical Control of	GHOVANLOU, A. H.
GERAYZADE, A. P. Relationship Between Coefficients of Heat Conductivity and Thermal Moisture Conduc-		Preliminary Design Criteria, Performance and Limitations of an Airborne Laser Bathymetric System,
tivity of Soils (O svyazi mezhdu koeffitsiyen-	GESSER, H. D.	W74-06296 7-12 7B
tami temperaturoprovodnosti i ter- movlagoprovodnosti v pochvakh),	The Extraction of Mercury From Aqueous	
W74-11015 7-21 2G	Solution with Sulfide-Treated Polyurethane	GIAM, C. S. DDT, DDE, and PCBs In the Tissues of Reef
	Foam, W74-00459 7-01 5A	Dwelling Groupers (Serranidae) In the Gulf of
GERBIER, N.		Mexico and the Grand Bahamas,
A Practical Method of Calculating Potential Evapotranspiration, (In French),	GEUZE, E. C. W. A.	W74-11347 7-21 5B
W74-03721 7-07 2D	Investigations on the Sheathed Bacterium Haliscomenobacter hydrossis Gen.n., Sp.n.,	GIAMBUSSO, A.
GERBIG, B. H.	Isolated from Activated Sludge,	Policy For Location of Power Plants in Coastal
Detecting Saline Soils in the Red River Valley,	W74-01539 7-03 5B	Areas, W74-11145 7-21 6G
Minnesota, by Remote Sensing Techniques, W74-05519 7-11 7B	GEVREY, J.	
W/4-03319 /-11 /B	Toxicity of an Algal Complex on Freshwater	GIARDINI, L. Growth Productivity and Evapotranspiration,
GERDING, T. J.	Fauna: 1. Action on Some Benthic Animals and Fishes. (in French),	Depending on Soil Moisture upon Irrigating a
Chemical Engineering Division Waste Manage	W74 00100 7.15 5C	Pepper (Capsicum Annuum L.) Cultivation, (in
ment Programs Quarterly Report, October- December 1973,		Italian),
W74-13128 7-24 5D	Toxicity of an Algal Complex on Freshwater Fauna: 2. Action on Lymnaea Spp. (in French).	W74-01762 7-04 3F
	W74-08109 7-15 5C	GIAUQUE, R.
GERE, E. Resolving Water Resource Riddles,		Sulfate and Nitrate Chemistry in Photochemi-
W74-13230 7-24 3F	GHANDI, B.	cal Smog,
	Experimental and Mathematical Modeling of Liquid-Liquid Miscible Displacement in Porous	W74-10956 7-21 5A
GERHARDT, K.	Madia	GIBB, J. G.
The Determination of Part-Per-Billion Levels of Citric and Nitrilotriacetic Acids in Tap		Wave Refraction Patterns in Hawke Bay,
Water and Sewage Effluents,	GHILDYAL, B. P.	W74-00518 7-01 2L
W74-01772 7-04 5A	Effect of Puddling on Physical Properties of	GIBB, J. P.
CURIOUR R M	Rice Soil,	Planning a Domestic Groundwater Supply
GERHOLD, R. M. Mobile Bioassay Laboratories,	W74-01246 7-03 3F	System,
W74-12191 7-23 5A	GHOBADIAN, A.	W74-07639 7-15 4B
	General Report on Development and Utiliza-	Public Groundwater Supplies in Kendall Coun-
GERIN, J.	tion of Saline Soils in Iran,	ty,
Systematic Errors in Cost Estimates for Public Investment Projects.	W74-05218 7-10 3C	W74-11885 7-22 4B
W74-00751 7-02 6C	GHOLSON, R. K.	Water Quality and Treatment of Domestic
	Assessment of Biodegradation Potential for	Groundwater Supplies,
GERING, T. J.	Controlling Oil Spills on the High Seas,	W74-07637 7-15 5F
Chemical Engineering Division, Waste Management Programs, Quarterly Report, July-Sep		Wells and Pumping Systems for Domestic
tember 1973,	Enzymatic Removal of Oil Slicks,	Water Supplies,
W74-07788 7-15 5E		W74-07638 7-15 8E
CEDIACH E H	Production and Characterization of Emulsify-	GIBBONS, G.
GERLACH, E. H. Microdilution Antibiotic Susceptibility Test		The Influence of Dissolved Oxygen on the
Examination of Certain Variables,	and Bacteria,	Growth of Channel Catfish,
W74-02968 7-06 5A	W74-08632 7-16 5B	W74-06038 7-12 50

GIBBONS, J. H.

		GIGER R R
GIBBONS, J. H. A Study of Selected Cooling Pond Design	GIBSON, H. E. Charleston Area Sediment Samples,	Some Estuarine Factors Influencing Ascent of
Techniques, W74-12015 7-23 5D	W74-09386 7-18 5A	Anadromous Cutthroat Trout in Oregon, W74-07493 7-14 2L
W74-12015 7-23 5D	GIBSON, V. M.	
GIBBONS, M. V.	Investigation of Surface Films - Chesapeake	GIGINEYSHVILI, G. N.
General Engineering Computer Use at the Wel- land and Nene River Authority,	Bay Entrance, W74-08831 7-17 5A	Karst Waters of the Caucasus (Karstovyye vody Bol'shogo Kavkaza),
W74-12131 7-23 4A	W/4-06631 /-1/ 3A	W74-02756 7-06 2E
	GIDDINGS, M. T.	GIGLIO, R. J.
GIBBS, C. F. An Adapted Determination of Phosphate in	Induced Infiltration at the University of Con- necticut Well Field,	A Methodology for Determining Optimal Lon-
Seawater for Use with the Hybrid Automatic	W74-12529 7-23 4B	gitudinal Spacing of Effluent Discharges into a
Analyser,		River,
W74-09623 7-18 5A	GIES, T.	W74-01928 7-04 5B
GIBBS, G. S.	Investigations on the Cation-Content in a Bog: I. Differences in the Vegetation-Complexes, (In	GIKIC, M.
A Computer-Based Telecontrol and Communi-	German),	The Influence of Some Climatic Factors on the
cations System for a Water Supply Network,	W74-13470 7-24 2H	Productivity of Red Clover Seed, (In Serbo- Croatian).
W74-06146 7-12 7C	Investigations on the Cation-Content in a Bog:	W74-01556 7-03 3F
GIBBS, J.	II. Seasonal Changes and Influence of the	CHILDY
Computer Simulation of Waste Water Treat-	Sphagnum Vegetation, (In German),	GIKKEL, A. A. A Multipurpose Spectrofluorimeter for the
ment by Chemical-Physical Processes, W74-11037 7-21 5D	W74-13471 7-24 2H	Study of Natural and Contaminated Water, (In
W74-11037 7-21 5D	GIESE, G. L.	Russian),
GIBBS, K. C.	The Effect of Heated Water on the Tempera-	W74-13358 7-24 5A
Components of Outdoor Recreational Values:	ture and Evaporation of Hyco Lake, North Carolina, 1966-72.	GILBER, D. D.
Kissimmee River Basin, Florida, W74-02113 7-04 6B	W74-11751 7-22 5C	Herbicide Analysis by Pulse Polarography-
W/4-02113		Ficloram,
Estimation of Outdoor Recreational Values,	GIESE, G. S.	W74-06127 7-12 5A
W74-08392 7-16 6B	Residence Time of Sand Composing the Beaches and Bars of Outer Cape Cod.	GILBERSTON, C. B.
Water Allocation Models Based on an Analysis	W74-04968 7-10 2J	Chemical Studies of Solids, Runoff, Soil
for the Kissimmee River Basin,		Profile and Groundwater from Beef Cattle Feedlots at Mead, Nebraska,
W74-05402 7-11 6B	Wave Period and the Swash Zone Energy Balance.	W74-09680 7-18 5B
GIBBS, K. G.	W74-04622 7-09 2J	OH BERT B I
Wellsite Diagnosis of Pumping Problems Using		GILBERT, B. L. Determination of Cyanide in its Platinum and
Minicomputers,	GIESEL, W.	Palladium Complexes,
W74-10840 7-20 8C	Calculation of Capillary Rise from Ground- water Table into the Root Zone Under Steady-	W74-05449 7-11 5A
GIBBS, P. A.	State Conditions, (In German),	GILBERT, D. E.
The Detection of Clostridium Welchii in the	W74-08139 7-15 2G	Theoretical Analysis of Forced Laminar Con-
Differential Reinforced Clostridial Medium Technique,	Soil-Suction Measurements for Evaluation of	vection Heat Transfer in the Entrance Region
W74-00661 7-02 5A	Vertical Water Flow at Greater Depths with a	of an Elliptic Duct, W74-02897 7-06 8B
CIRRC P. II. IB	Pressure Transducer Tensiometer,	W /4-0269/
GIBBS, R. H. JR. Heavy Metal Concentrations in Museum Fish	W74-11274 7-21 2G	GILBERT, J. B.
Specimens: Effects of Preservatives and Time,	GIESSNER, W. R.	Ground Water PollutionFrom the Waste Discharger's Viewpoint,
W74-08792 7-17 5A	Planning and Wastewater Management of a	W74-06955 7-13 5G
GIBBS, R. J.	Combined Sewer System in San Francisco,	
Amazon River Estuarine System,	W74-10413 7-20 5D	The Water Industry in the Decade of Environ- mental Concern.
W74-07229 7-14 2L	GIFFORD, G. F.	W74-13268 7-24 5G
A Settling Tube System for Sand-Size Analy-	Intensive Infiltrometer Studies on A Plowed	
sis,	Big Sagebrush Site, W74-07166 7-14 2G	GILBERT, R. O. Analysis of Natural Systems,
W74-10367 7-20 2J		W74-09234 7-17 5C
GIBLIN, F. J.	Loss of Particulate Organic Materials from	
Pharmacodynamics of Methyl Mercury in the	Semiarid Watersheds as a Result of Extreme Hydrologic Events,	GILBERT, T. R. Direct Determination of Bismuth and Antimony
Rainbow Trout (Salmo Gairdneri): Tissue Up-	W74-00378 7-01 2A	in Sea Water by Anodic Stripping Voltam-
take, Distribution and Excretion,	Banaland Hudsalanu	metry,
W74-07597 7-14 5C	Rangeland Hydrology, W74-10682 7-20 4A	W74-00275 7-01 2K
GIBNEY, L. C.		Improved Apparatus for Determination of Mer-
Inroads to Activated Carbon Treatment,	Runoff and Sediment Yields from Runoff Plots	cury by Flameless Atomic Absorption,
W74-09461 7-18 5D	on Chained Pinyon-Juniper Sites in Utah, W74-06460 7-12 2J	W74-00276 7-01 5A
GIBSON, C. I.		GILBERT, T. R. AND
Effect of Thermal Effluent on Migrating Men-	Soil Moisture Patterns on Two Chained Pinyon-	Determination of Chromium in Sea Water by
haden, W74-11305 7-21 5C	Juniper Sites in Utah, W74-06459 7-12 2G	Atomic Absorption Spectrometry, W74-04516 7-09 5A
GIBSON, D. T.	GIFFORD, H. H.	GILBERT, T. W.
Microbial Degradation of Aromatic Hydrocar- bons.	Simplified Apparatus for Determining Leaf Water Potentials in Pine Needles,	New Detector for Ion-Exchange Chromatog- raphy,
W74-08614 7-16 5B	W74-02075 7-04 2I	W74-01343 7-03 5A

		2/0
GILBERTSON, B. Monitoring Vegetation Cover on Mine Dumps with ERTS-1 Imagery: Some Initial Results,	GILL, A. S. Nitrogen Fertilization of Fodder Sorghum M. P. Chari (Sorghum Bicolor) Grown Under	GILLIES, N. E. The Sensitivity of Suppressed and Unsuppressed Lon Strains of Escherichia coli to
W74-02574 7-05 7B	Rainfed Conditions, W74-13146 7-24 3F	Chemical Agents with Induce Filamentation, W74-01524 7-03 5C
GILBERTSON, C. B. Characteristics of Livestock Waste and Ru-	GILL, D.	GILLILAND, B. E.
noff, W74-00138 7-01 5G	The Evolution of a Discrete Beaver Habitat in the Mackenzie River Delta, Northwest Territo-	Control of Anaerobic Digestion Process, W74-10609 7-20 5D
The Effect of Ration on Engineering Properties	ries, W74-00481 7-01 2I	GILLILAND, J. A.
of Beef Cattle Manure, W74-00420 7-01 5B		Time Series Analysis of the Hydrologic Regimen of a Groundwater Discharge Area,
Grass Response to Applications of Beef-Cattle	A Spatial Correlation Between Plant Distribu- tion and Unfrozen Ground Within a Region of	W74-00362 7-01 2F
Feedlot Runoff, W74-09700 7-18 5D	Discontinuous Permafrost, W74-04355 7-09 2C	GILLINGS, O. J.
Managing Barnyard Runoff for Dairy Cattle,	GILL, J. P.	Nitrate Leaching in Soil on Rutgers Agricul- tural Research Center at Adelphia, New Jersey,
W74-10306 7-19 5D	The Role of the Chemicals Used in Paper and	W74-03897 7-08 5B
Waste Management and Animal Performance in	Paper Board Making in Minimising Effluent Problems,	GILLNER, V.
Beef Feedlots, W74-10141 7-19 5D	W74-12427 7-23 5G	Salt Marsh Vegetation in Southern Sweden, W74-12672 7-23 5C
GILBERTSON, R. L.	GILL, W. N. An Improved Mixing Length Theory of Turbu-	GILMAN, H. D.
Annotated Checklist and Host Index for Arizona Wood-Rotting Fungi,	lent Heat and Mass Transfer,	An Application Study in Water Distribution Control.
W74-07097 7-14 2I	W74-04231 7-08 8B	W74-03755 7-08 8C
GILCHRIST, R. E. Method for the Control of Oils Floating on	GILL, W. R. Evaluation of a Furrow Modifying Device,	Mathematical Modeling for Status Prediction
Water,	W74-06588 7-13 3F	and Control of Water Distribution Systems, W74-04320 7-09 4A
W74-11413 7-21 5G	GILLES, D.	GILMER, D. S.
GILDERHUS, P. A. The Efficacy of Quinaldine Sulfate as an	Nitrate Content of Well Water in West-Central Wisconsin.	Preliminary Evaluation of ERTS-1 for Deter-
Anesthetic for Freshwater Fish, W74-10388 7-20 8I	W74-00246 7-01 5B	mining Numbers and Distribution of Prairie Ponds and Lakes,
	GILLESPIE, D. C.	W74-02597 7-05 7B
GILE, J. D. Zinc, Copper, Manganese in the Razor Clam,	Methods for the Detection of Certain Pathogens of Salmonid Fishes,	GILMOUR, J. T. The Effect of Exclusion Volume on Poten-
Siliqua Patula, W74-12511 7-23 5B	W74-13100 7-24 5A	tiometric Nitrate Measurement,
GILES, M. S.	GILLESPIE, R. H. Project Drum Inlet: Explosive Excavation in	W74-08919 7-17 2G
A Study of the Movement of Phosphorous in the Little River Estuary, N.S.W.,	Saturated Sand,	GILOT, B. Ecological Research, Eradication of
W74-07483 7-14 5B	W74-12014 7-23 8H	Mosquitoes, and Protection of Nature, W74-11189 7-21 5E
GILHOUSEN, D. B.	GILLETTE, A. K. Agitating, Pumping, and Injecting Liquid	GILPIN, J. R.
Cause and Prediction of Beach Erosion, W74-04945 7-10 2J	Manure,	The Impact of Man-Made Lakes on Residentia
GILIO, J. L.	W74-10307 7-19 5D	Property Values: A Case Study and Methodological Exploration,
The Determination of Trace Transition Ele- ments in Biological Tissues Using Flameless	GILLEY, J. R. Infiltration and Root Extraction from Subsur-	W74-13066 7-24 6E
Atom Reservoir Atomic Absorption,	face Irrigation Laterals, W74-08270 7-16 3F	GILS, H. Discharge Measurement in Open Water by
	+	Means of Magnetic Induction,
GILKES, R. J. Artificial Weathering of Oxidized Biotite: IV.	A Simulation Model for Evaluating Irrigation Management Practices,	W74-11526 7-22 7E
The Inhibitory Effect of Potassium on Dissolu- tion Rate,	W74-04564 7-09 3F	GINDEL, I. A New Ecophysiological Approach to Forest
W74-10209 7-19 2G	GILLHAM, R. W. An Experimental Study of Soil Water Flow	Water Relationships in Arid Climates,
Lateritic Deep Weathering of Granite, W74-05929 7-11 2G	Systems Involving Hysteresis,	W74-11386 7-21 2
GILL, A. C.	W74-03760 7-08 2G	GINN, J. R. The Impact of Changing Cost and Quality o
Distribution of Cesium-137 in a Small	Hysteretic Water Flow in a Porous Medium: Experimental Study and Numerical Simulation,	Industrial Water on Technical Change and Plant Location Decisions,
Watershed in Northern Mississippi, W74-05191 7-10 5B	W74-05959 7-12 2F	W74-06424 7-12 3H
Nitrogen, Phosporus and Other Chemicals in	Sensitivity Analysis of Input Parameters in Nu-	GINSBURG, W.
Sediments from Reservoirs in North Mississip- pi,	merical Modeling of Steady State Regional Groundwater Flow,	Identification and Incidence of Klebsiella in Chlorinated Water Supplies,
W74-03213 7-07 5B	W74-09900 7-19 2F	W74-03294 7-07 5/

GILLIAM, J. W.

W74-07345

Phosphorus Supply Characteristics of Acid Or-

ganic Soils as Measured by Desorption and Mineralization,

GILL, A. M.

Nivigation Improvements in Barnhart Island-Corwall Island Reach, St. Lawrence River: Hydraulic Model Investigation, W74-05712 7-11 8B

7-14 2G

GINTER, J. J.

Possible Effects of Construction and Operation

of a Supertanker Terminal on the Marine Environment in New York Bight,
W74-07488 7-14 5C

7-07 5A

GINZBURG, M. R.	
GINZBURG, M. R.	
Investigation of the Relation Be	tween Moisture
Potential and 'Reduced Film	
Disperse Systems with Nonpo	
(Issledovaniye zavisimosti me	
alom vlazhnosti i 'privedenn	
plenki' dlya di spersnykh sister	
chastitsami).	
W74-02304	7-05 2G
GIORGIONE, D. M.	
Conceptual Design Study of a	200 Million Gal-
ion Per Day VTE/MSF Desalin	
Prototype Module,	
W74-12207	7-23 3A
GIRARD, S. M.	
Effects of Antibodies on Surv	ival of Carangid
Fish Larvae (Caranx Mate),	Reared in the
Laboratory,	
W74-13079	7-24 5C

Radiotracer Technique for the Study in Vivo of the Biological Pathway of Heavy Metals in Aquatic Organisms, W74-02025 7-04 50

GIRDLEY, W. A.		
Provenances and Dispersal Patte	erns of	Tur-
bidite Sand in Escanaba Trough,	Northea	stern
Pacific Ocean,		
W74-01720	7-04	2J

GIRENKO, D. B. Use of Gas Chromatography in the Analysis of Phenyl-Substituted Residues of Urea Derivatives, (In Russian), 7-24 5A

GIRGOR'EVA, L. V.	
Hygienic Evaluation of Means of	Enrichment
with Salts and Decontamination of	Demineral-
ized Water, (In Russian),	
W74-07365	7-14 5F

GIRLING,	R. M.				
Further	Field	Investigation	on	Aer	ated
Lagoons	in the C	ity of Winnipeg,			
W74-101	67			7-19	5D

GIRTO	N, R.	c.					
The	Stack	Monitoring	System	at	the	Id	laho
	mical Pr -06824	rocessing Pla	nt,		7-1	3	5A

Cadmium,	Nickel,	Lead,	and	Zinc	in
Earthworms	from Ro	adside So	oil,		
W74-09780				7-18	5C

Agricultural	Demand	for	Water	in	the	Pe	cos
River Basin: W74-08756	An Adde	ndu	m,		7-1	7	3F

Economic	Policy	for	Water	Resources	and
Placement				200	450
W74-03191				7-06	4B

3	Economic Aspects	of Gro	ound	Water F	lesou	rces
	and Replacement tural Areas.	Flows	in	Semiarid	Agr	icul-
	W74-04563				7-09	4B

GIST, C. S.						
An Optical mination,	Planimeter	for	Leaf	Area	De	ter
W74-12229				7	-23	2

GIURCA, R.								
Consideratio	ns C	one	erni	ng	the	B	iology	and
Distribution	Area	of	the				Fish	

dorasbora	parva	(Schlegel)	ın	the	Komar	uar
Waters,						
W74-02553					7-05	21

Contributions to the Comparative Study of the Seasonal Biorhythm of Gonads and Pituitary Nuclei Acids in Ctenopharyngodon Idelia (Val.) Reared in Ponds or Living in Natural Waters, (In Rumanian). 7-21 2H W74-11128

GIURCA, R. AND Syngnathus nigrolineatus nigrolineatus (Eichwald) in the Frasinet River and Mostistea Lake. (In Rumanian).

CHISTL D. M. Activated Carbon Adsorption of Petrochemicals, W74-11086 7-21 5D

GIVENS, R. L. Sprinkling Cattle for Relief from Heat Stress, W74-00421

GLADKOV, B. A. Sewage Treatment in the Northern Areas of the U.S.S.R. W74-10164 7-19 5D

GLADNEY, E. S. Intercomparison of Several Types of Cascade Impactors. W74-11008 7-21 5A

GLADYSHEV, A. I. Structure and Productivity of the Phytomass of Gigantic Bunch-Forming Grasses in the Amu Darya Floodplain, (In Russian), W74-04282

GLAGOLEVA, T. A.

Bioenergetics of the Assimilating Cells of Chlorella Pyrenoidosa Chick. II. Relation of Cyclic and Non-Cyclic Photophosphorylation to Photosynthetic CO2 Fixation, W74-05059 7-10 SC

GLANCY, P. A. A Reconnaissance of Streamflow and Fluvial Sediment Transport, Incline Village Area, Lake Tahoe, Nevada, Second Progress Report 1971, W74-04050

GLANTZ, P. J. Escherichia coli Serogroups Isolated from Streams in Pennsylvania, 1965 to 1972, 7-06 5A W74-02988

GLASSON, H. H. 'Pig' Brings Back Capacity, W74-09516 7-18 8C

Calcium Sulfate Scale Control in High Temperature Desalting Processes, W74-01926 7-04 3A

GLATER, R. A. B. Lead Detection in Living Plant Tissue Using a New Histochemical Method, W74-07711 7-15 5A

GLAUDEL, R. J. Toxic Effects of Freshwater Turbellarians on Schistosome Miracidia. W74-10830 7-20 5C GLAVIN, T. P. Protracted Recharge of Treated Sewage into Sand: Part I--Quality Changes in Vertical Transport Through the Sand, W74-09095 7-17 5D

GLAVIS, F. J. Desalination Process, W74-00081 7-01 3A

GLAZE, W. H. Analysis of Organic Materials in Wastewater Effluents After Chlorination, W74-03081 7-06 SA

GLEASON, G. I. Distribution Studies of Radium and Other Metallic Elements Between Thenovltrifluoroacetone in Methyl Isobutyl Ketone and Aqueous Solutions. W74-01494 7-03 5A

GLEASON, J. D. Meteoric Water in Magmas, W74-11112 7-21 2K

GLEASON, V. Conjunctive Operation of Southern California Ground Water Basins with the State Water Project. W74-06943

GLEDHILL, W. E. Biodegradation of O-Benzyl-P-Chlorophenol, W74-01552 7-03 5B

GLEISBERG, D. The Phosphate Precipitation in Communal Waste Waters (Die Phosphat-Faellung in kommunalem Abwasser), W74-09521

GLENN, J. H. Shoreline Construction for Artificial Water Bodies. W74-05882 7-11 8A

GLENN, M. K. The Crime of 'Pollution': The Role of Federal Water Pollution Criminal Sanctions, W74-10000 7-19 5G

GLENN, R. W. Filtrability of Water-Treatment-Plant Sludge, W74-00387 7-01 5F

Classification System for Estuaries,

GLENNE, B.

W74-00511 7-01 2L Constituent Transport in Estuaries, W74-04627 7-09 21

Equilibrium Characteristics of Sand Beaches, 7-01 21

GLENNON, J. P. Health Aspects of Land Application of Wastewater at Military Installations, W74-09426

GLICKMAN, M. Positive Displacement Pumps, W74-07874 7-15 8C GLINSKI, J.

Occurrence and Cumulation of Microcomponents in Bottom Sediments of Dam Reservoirs of Southern Poland, W74-01565 7-03 5B

GLOBUS, A. M.	GLOYNA, E. F.	GODFREY, K. A. JR.
Design, Operation, and Temperature Sensitivi- ty of A Thermocouple Psychrometer Moisture	Instrumentation for Engineering Management of a Multi-Purpose River Basin System (Trinity	What's New in Water and Sewer Pipe, W74-12007 7-23 8A
Potentiometer Based on the Peltier Effect,	River Basin, Texas) Real-Time Engineering	W /4-1200/
(Konstruktsiya, metodika primeneniya i tem-	Management of a Multi-Purpose River Basin	GODIN, G.
peraturnaya chuvstvitel'nost' termoparnogo	System,	Eight Years of Observations on the Water
psikhrometrichesko go vlagopotentsiometra,	W74-07369 7-14 4A	Level at Quebec and Grondines 1962-1969: Part IAnalysis of the Tidal Signal.
osnovannogo na effekte Pel't'ye), W74-02303 7-05 2G	What Exploration Geologists Should Know	W74-06926 7-13 2E
W14-02505	About Pollution,	m mills be districted by
GLOOSCHENKO, W. A.	W74-12548 7-23 5B	The Tidal Power Potential of Ungava Bay and Its Possible Exploitation in Conjunction with
Trace Elements in Marine Shrimp, W74-07806 7-15 5C	GLUSHANKOV, S. L.	the Local Hydroelectric Resources,
W/4-0/800	The Efficacy of Using Activated Carbon for	W74-00838 7-02 4A
GLOOSECHENKO, W. A.	Final Purification of Drinking Water, (in Rus-	CODI
Changes in Species Composition of	sian),	GODL, L. Determination of Uranium in Natural Waters
Phytoplankton Due to Enrichment by N, P, and Si of Water From a North Florida Lake,	W74-10599 7-20 5F	After Anion-Exchange Separation,
W74-01503 7-03 5C	GLUSHCHENKO, V. M.	W74-13416 . 7-24 5A
CLOSE C. P.	Total Isotopic Composition and Hydrochemical	GODLEWSHA-LIPOWA, W. A.
GLORE, C. R. Sandstone Aquifers in Eastern Sullivan Coun-	Characteristics of Natural Waters in	The Effect of Organic Substrates on the
ty, Indiana,	Northwestern and Northern Fergana	Abundance of Bacteria in the Water of 5 Masu-
W74-07401 7-14 4B	(Summarnyy izotopnyy sostav i gidrok-	rian Lakes,
CLOBIOD T I	himicheskiye osobennosti prirodnykh vod Severo-Zapadnoy i Severnoy Fergany),	W74-02556 7-05 5C
GLORIOD, T. L. Multiple Outlet Selective Withdrawal	W74-02608 7-05 2K	GODLEWSKA-LIPOWA, W. A.
Technique for Water Quality Prediction of		The Effect of Nutrients on the Growth of Bac-
Lake Releases,	GLUSKOTER, H. J.	terial Population in Water,
W74-03218 7-07 5B	Cadmium: Mode of Occurrence in Illinois Coals,	W74-01001 7-02 5C
Selective Withdrawal From Beech Fork Lake,	W74-09578 7-18 5B	The Effect of Temperature on the Generation
Beech Fork River, West Virginia,		Time of a Bacterial Community in Lake Water,
W74-07914 7-15 8B	GLYSSON, E. A.	W74-02557 7-05 5B
GLOSSER, J. W.	Monitoring of Solid Wastes, W74-09216 7-17 5A	Spatial Differentiation Abundance of Bacteria
Leptospirosis: An Epidemic in Children,	W74-09216 7-17 5A	in the Water of Mikolajskie Lake,
W74-12685 7-23 5C	GO, M. K.	W74-05051 7-10 5C
	Raman Spectra and Structure of Water from -	GODOVIKOV, N. N.
GLOSTER, A. Process for Removing Chromium from Cooling	10 to 90 (degrees C),	Anticholinesterase Properties of Certain Or-
Tower Blowdown Streams.	W74-13419 7-24 1A	ganophosphorus Compounds,
W74-12434 7-23 5D	GOAN, H. C.	W74-01793 7-04 5B
GLOTFELTY, D. E.	Manure in Pit Dries to 15% Moisture,	GOEDERT, W. J.
Acid Ammonium Acetate Extraction and Elec-	W74-10137 7-19 5D	Hydric Characteristics of Pelotas Soils, Rio
tron Capture Gas Chromatographic Determina-	GOCHFELD, M.	Grande Do Sul, (In Portuguese),
tion of Carbofuran in Soils,	Effect of Artefact Pollution on the Viability of	W74-13384 7-24 2G
W74-07574 7-14 5A	Seabird Colonies on Long Island, New York,	GOEL, V.
GLOVER, D. J.	W74-02001 7-04 5C	Systems Analysis of a Multi-Stage Tubular
Analysis of Explosives in Sea Water and in	GODBEE, H. W.	Module Reverse Osmosis Plant for Sea Water
Ocean Floor Sediment and Fauna,	Assessment of the Loss of Radioactive	Desalination, W74-11039 7-21 3A
W74-00285 7-01 5A	Isotopes from Waste Solids to the Environ-	W/4-11037 /-21 3A
Thin-Layer Chromatographic Analysis of HMX	ment. Part 1: Background and Theory, W74-05419 7-11 5B	GOEMAAT, R. L.
in Water,	W/4-03417 /-11 3B	Reconnaissance of the Ground-Water
W74-06033 7-12 5A	A Critical Review of Solid Radioactive Waste	Resources of Cimarron County, Oklahoma, W74-04495 7-09 4B
GLOVER, G. E.	Practices at Nuclear Power Plants,	
Application of Microstraining to Combined	W74-06825 7-13 5B	Reconnaissance of the Water Resources of
Sewer Overflow,	GODDARD, J. E.	Beaver County, Oklahoma, W74-00534 7-01 7C
W74-07260 7-14 5D	Contact StabilisationA Process with a Fu-	
High-Rate Disinfection of Combined Sewer	ture.,	GOEPPNER, J.
Overflow, W74-07263 7-14 5D	W74-10451 7-20 5D	Digestion Byproduct May Give Answer to Energy Problem,
W/4-0/263 /-14 3D	An Evaluation of Urban Flood Plains,	W74-10935 7-21 5D
GLOVER, J. R.	W74-03756 7-08 6F	
Digital Measurements of River Bed Profiles	Extent and Development of Urban Flood	GOERLITZ, D. F.
Using a General-Purpose Data Acquisition System.	Plains,	Determination of Chlorinated Insecticides in Suspended Sediment and Bottom Material.
W74-11538 7-22 7B	W74-11492 7-22 4C	W74-07317 7-14 5A
	Ion Exchange and Allied Processes in Water	
GLOVER, R. B.	Recovery,	Distribution of Chlorinated Hydrocarbons in Stream-Bottom Material.
Interpretation of Gas Compositions from the Wairakei Field Over 10 Years,	W74-02268 7-05 5D	W74-13183 7-24 5B
W74-09017 7-17 2K		
	GODDEN, D. P. An Opportunity Cost Function for Newcastle's	GOETZ, A. F. H.
GLOVER, R. E. Groundwater Movement.	An Opportunity Cost Function for Newcastle's Water.	Computer Techniques Used for Some Enhancements of ERTS Images,
W74-03142 7-06 4B	W74-11689 7-22 6C	W74-06653 7-13 7C

GOETZ, A. F. H.

Preliminary Geologic Investigations in the Colorado Plateau Using Enhanced ERTS Images, W74-01708

GOETZ, C. Z.

Hydrobiochemical Effects of Spraying Waste-Treatment Effluent in St. Petersburg, Florida, W74-07978 7-15 5C

GOFF, O. E.

The Effect of Feeding Laying Hens Various Levels of Cow Manure on the Pigmentation of Egg Yolks, W74-00407 7-01 5C

GOGOLAK, C. V.

Comparison of Measured and Calculated Radiation Exposure from a Boiling Water Reactor Plume, W74-04175 7-08 5B

GOH KIAM SENG,

Difficulties in Planning Water Supply Schemes in West Malaysia,
W74-08462 7-16 6B

GOKHALE, D. V.

Approximating Discrete Distributions, with Applications, W74-04892 7-10 7C

GOL'DSHTEIN, L. E.

Wheat Root Rots on Unirrigated Lands in Uzbekistan, (In Russian), W74-10391 7-20 3F

GOLCHERT, N. W.

Environmental Monitoring at Argonne National Laboratory: Annual Report for 1973, W74-13114 7-24 5B

GOLD, D. P.

Analysis and Application of ERTS-1 Data for Regional Geological Mapping, W74-01691 7-04 7C

The Use of ERTS-1 MSS Data for Mapping Strip Mines and Acid Mine Drainage in Pennsylvania, W74-02573 7-05 7B

GOLD, E

The Economic Zone in The Law of The Sea: Survey, Analysis and Appraisal of Current Trends, W74-11142 7-21 6E

GOLD, L. W. AND

Thermal Conditions in Permafrost--A Review of North American Literature,
W74-04347 7-09 2C

GOLD, R. AND

A Radiological Environmental Survey at EBR-II,
W74-04455 7-09 5B

GOLD, S

Tritium Releases from Nuclear Power Stations, W74-02017 7-04 5B

GOLDBECK, C. G.

Titrimetric Determination of Uranium with Electrogenerated Vanadium(V), W74-03564 7-07 2K

GOLDBERG, A.

Drinking Water as a Source of Lead Pollution, W74-13234 7-24 5B GOLDBERG, D.

The Relation Between Moisture Measurements with a Neutron Probe and Soil Texture, W74-02074 7-04 2G

GOLDBERG, E. D.

Chemical Descriptions of the Oceans, W74-09570 7-18 5B

History of Metal Pollution in Southern California Coastal Zone,
W74-11130 7-21 5A

The Surprise Factor in Marine Pollution Studies, W74-08252 7-16 5B

GOLDBERG, G.

Environmental Applications of Centrifugal Photometric Analysis, W74-12913 7-24 5A

GOLDBERG, M. B.

Buoyant Forced-Plumes in Cross Flow, W74-12978 7-24 8B

GOLDBERG, M. C.

Fluorescent Spectroscopy, A Technique for Characterizing Surface Films, W74-02731 7-06 5A

GOLDBERG, R. D.

Automated Wet Chemical Analysis Instruments for Continuous Effluent Monitoring, W74-10971 7-21 5D

GOLDBLATT, P. J.

Beryllium-Induced Ultrastructural Changes in Intact and Regenerating Liver, W74-09769 7-18 5C

GOLDIE, L. F. E.

International Impact Reports and the Conservation of the Ocean Environment, W74-05781 7-11 5G

GOLDINA, L. P.

Lakes of the Bol'shoy Patok River Basin (Northern Urals). Their Importance and Preservation (Ozera basseyna r. Bol'shoy Patok (Pripolyarnyy Ural), ikh znacheniye i okhrana).,
W74-03832 7-08 2H

GOLDMAN, C. R.

Environmental Impact and Water Development,
W74-05619 7-11 6G

The Influence of Eutrophic Lake Sediments on the Growth of Different Planktonic Algae, W74-02956 7-06 5C

Limnological Studies and Remote Sensing of the Upper Truckee River Sediment Plume in Lake Tahoe, California-Nevada, W74-08302 7-16 2J

GOLDMAN, J. C.

Carbon Dioxide and pH: Effects on Species Succession of Algae, W74-03594 7-07 5C

Inorganic Nitrogen Removal in a Combined Tertiary Treatment-Marine Aquaculture System--I. Removal Efficiencies, W74-10462 7-20 5D

Inorganic Nitrogen Removal in a Combined Tertiary Treatment-Marine Aquaculture System - II. Algal Bioassays, W74-07777 7-15 5C GOLDMAN, R. S.

Access to Public Municipal Beaches: The Formulation of a Comprehensive Legal Approach, W74-05783 7-11 6E

Note, Access to Public Municipal Beaches: The Formulation of a Comprehensive Legal Approach, W74-03380 7-07 6E

GOLDSCHMIDT, V. W.

Turbulent Diffusion in Liquid Jets: Final Report,
W74-10195 7-19 5B

Turbulent Diffusion in Liquid Jets: Part I, Measurement of Particle Concentration by a Light Scattering Probe, W74-10196 7-19 5B

GOLDSHMID, J.

Water-Quality Aspects of Ground-Water Recharge in Israel, W74-06363 7-12 5D

GOLDSMITH, R.

Chart Tells Annular Circulation Pressures, W74-05096 7-10 8B

GOLDSMITH, R. L.

Color Removal from Kraft Mill Effluents by Ultrafiltration, W74-06521 7-13 5D

Testing Reverse Osmosis Modules for Washwater Recycling, W74-01924 7-04 5D

Ultrafiltration Concept for Separating Oil from Water,
W74-10620 7-20 5D

GOLDSMITH, V.

Drastic Beach Changes in a Low-Energy Environment Caused by Hurricane Betsy,
W74-04756 7-09 2J

Internal Geometry and Origin of Vegetated Coastal Sand Dunes,
W74-04061 7-08 2J

GOLDSTEIN, G.

Environmental Applications of Centrifugal Photometric Analysis, W74-12029 7-23 5A

Environmental Applications of Centrifugal Photometric Analysis, W74-12913 7-24 5A

GOLDSTEIN, H. M.

An Annotated Bibliography of Aerial Remote Sensing in Coastal Engineering, W74-02646 7-05 21.

GOLDSTEIN, R. A.

Documentation of Prosper - A Model of Atmosphere-Soil-Plant Water Flow, W74-07785 7-15 2A

Ecology of Toxic Metals, W74-12024 7-23 5B

Ecology of Toxic Metals, W74-12908

GOLDSTEIN, S. N.

O and M Costs: Pay Now or Pay Later, W74-09533 7-18 4B

7-24 5B

GOLDTHORPE, J. C.

Better Pump Installation, W74-04154 7-08 8C

GOLDTHWAIT, R. P.	GOLUB, H.	GONTHIER, J. B.
Jerky Glacier Motion and Melt Water,	Heavy Metals in Wastewater and Treatment	Availability of Groundwater in the Lower Paw-
W74-09339 7-18 2C	Plant Effluents,	catuck River Basin, Rhode Island,
	W74-01319 7-03 5A	W74-11023 7-21 4B
GOLDWATER, L. Environmental Dynamics of Mercury: Discus-	GOLUBEV, G. N.	GONZALEZ, C. L.
sion Paper,	Analysis of the Run-Off and Flow Routing for	Effect of Narrow Trenching in Harlingen Clay
W74-06799 7-13 5B	a Mountain Glacier Basin,	Soil on Plant Growth, Rooting Depth, and
W14-00722	W74-09328 7-18 2C	Salinity,
The Occurrence of Mercury in the Environ-	Problems in Hydrology of Glaciers and	W74-08078 7-15 3F
ment and Man, Discussion Paper,	Glacierized Areas (Problemy gidrologii led-	GONZALEZ-CORTES, A.
W74-06784 7-13 5B	nikov i lednikovykh rayonov),	Water-Borne Transmission of
GOLDWATER, L. J.	W74-01132 7-03 2C	Chloramphenicol-Resistant Salmonella typhi in
Biological Effects of Mercury Compounds,	COLUBIO 6	Mexico,
Discussion Paper,	GOLUBIC, S. The Relationship Between Blue-Green Algae	W74-10906 7-21 5C
W74-06814 7-13 5C	and Carbonate Deposits,	GONZALEZ, J. G.
	W74-12583 7-23 5C	The Determination of Methyl Mercury in
Detection and Appraisal of Subclinical Intoxi-		Urine,
cations,	GOLUEKE, C. G.	W74-02387 7-05 5A
W74-06810 7-13 5C	Anaerobic - Aerobic Ponds For Beet Sugar	
GOLE, C. V.	Waste Treatment, W74-10542 7-20 5D	GOOCH, C. H.
Salinity Distribution and Effect of Fresh Water	W 74-10342 7-20 3D	Mussels of the Elk River Basin in Alabama and Tennessee: 1965-1967,
Flows in the Hooghly Kiver,	Photosynthetic Reclamation of Agricultural	W74-09737 7-18 2I
W74-03702 7-07 2L	Solid and Liquid Wastes,	1110 21
COLUMN D. P.	W74-12647 7-23 5D	GOOCH, J. P.
GOLEMON, R. K.	GOMAA, E.	Solubility of 1,1,2,2-Tetrabromoethane in
The Future of Water Quality Control,	Predicting Thermal Conductivities of Forma-	Water as a Function of Temperature,
W74-04026 7-08 5G	tions from Other Known Properties,	W74-08589 7-16 5B
GOLET, F. C.	W74-10089 7-19 8E	GOOD, J. M.
Classification and Evaluation of Freshwater		Bionomics and Integrated Control of Plant
Wetlands as Wildlife Habitat in the Glaciated	GOMAN, G. A.	Parasitic Nematodes,
Northeast,	Characteristics of Bacteria in Water Layers of the South Baikal, (In Russian),	W74-06336 7-12 5B
W74-01052 7-02 6B	W74-13157 7-24 5B	GOODE, F. M.
COLIVOY A N	727 35	Water Pricing During Urban Development,
GOLIKOV, A. N. Method for Indirectly Defining Optimum Tem-	GOMBERG, M. L.	W74-12366 7-23 6C
peratures of Inhabitancy for Marine Cold-	Apparatus for Automatic Control of Sediment	
Blooded Animals,	Level (Pribor dlya avtomaticheskogo kontrolya	GOODE, S. R.
W74-11487 7-22 5C	urovnya osadka), W74-03541 7-07 5D	Graphite Braid Atomizer for Atomic Absorp-
	W/4-03341 /-0/ 3D	tion and Atomic Fluorescence Spectrometry, W74-11912 7-22 5A
GOLLAN, A.	GOMONENKO, N. F.	W/4-11912 /-22 3A
Determination of Oil Concentration and Size	Philometra lusiana from Fishes of the	GOODELL, B. C.
Distribution in Ship Ballast Waters. Method and Representative Results,	Kremenchug Reservoir, USSR, (In Russian),	Stream Hydrographs by Fluorescent Tracers,
W74-07564 7-14 5B	W74-09449 7-18 2H	W74-11514 7-22 7B
W/4-0/304 /-14 3B	GONCHAROVA, E. A.	GOODELL, H. G.
Development of a Batchwise In-Situ Regenera-	Water Metabolism and Dynamics of Labeled	Marine Geology and Estuarine History of Mo-
tion Type Separator To Remove Oil from Oil-	Phosphorus in Apple Leaves, (In Russian),	bile Bay, Alabama: Part 1. Contemporary Sedi-
Water Suspensions,	W74-06245 7-12 3F	ments,
W74-10441 7-20 5D	CONFT	W74-07248 7-14 2L
An Experimental Study of a Wastewater Treat-	GONET, O. Introduction to Study 'In Situ' of Plankton	GOODMAN, A.
ment System Suitable for Shipboard Use,	Ecology in Lake Geneva, (In French),	Test for Anticholinesterase Materials in Water.
W74-09373 7-18 5D	W74-01079 7-02 2H	W74-03838 7-08 5A
Hydrocasting Reverse Osmosis Membranes,	GONOR, J. J.	GOODMAN, B. L.
Development of Porous Support Tubes, Study	Inshore Sea Surface Temperature and Salinity Conditions at Agate Beach, Yaquina Bay and	Method for Removing Suspended Solids from
of Mechanism of Membrane Formation and	Whale Cove, Oregon, in 1970,	Liquids, W74-02484 7-05 5D
Development of Non-Cellulosic Desalination	W74-04730 7-09 2L	W 74-02484 7-03 3D
Membranes, W74-00161 7-01 3A		Method for Treating Water Containing
	Sea Surface Temperature and Salinity Condi-	Suspended Solids from a Sanitary System,
Oil-Water Regenerative SeparatorFinal Re-	tions in 1969 at Agate Beach and Yaquina Bay, Oregon,	W74-09724 7-18 5D
port of Phase I Development Program of a	W74-04935 7-10 2L	GOODMAN, J.
Continuous Regenerating Moving Bed to		Implementation of Citizen Participation in the
Remove Oil from Oil-Water Suspensions, W74-11225 7-21 5D	GONSER, B. W.	Municipal Process,
W74-11225 7-21 5D	Water-Pollution Control in the Primary Nonfer-	W74-12468 7-23 6G
GOLLIN, S.	rous-Metals Industry Volume I. Copper,	GOODMAN, M. Y.
Water Purification Apparatus,	Zinc, and Lead Industries, W74-05116 7-10 5D	An Application Study in Water Distribution
W74-07209 7-14 5D		Control,
	Water-Pollution Control in the Primary Nonfer-	W74-03755 7-08 8C
GOLTERMAN, H. L.	rous-Metals Industry Volume II. Aluminum,	Managed Market A. S. C. S. C.
Deposition of River Silts in the Rhine and Meuse Delta,	Mercury, Gold, Silver, Molybdenum, and	Mathematical Modeling for Status Prediction and Control of Water Distribution Systems,
W74-13155 7-24 5B	Tungsten, W74-05117 7-10 5D	W74-04320 7-09 4A
7-24 JB		

GOODNIGHT, C. J.

GOODNIGHT, C. J. Relationships Between Phosphorus-32 Accumulation in Algae, Bacteria, and Tubificids,	GORBUNOVA, V. K. Increasing the Effectiveness of Irrigated Agriculture in the Chuy Valley of Kirghizia, (In	GORDON, J. A. Chemistry of Organomercurials in Aquatic Systems,
W74-05206 7-10 5C	Russian), W74-00490 7-01 3F	W74-03328 7-07 5B
The Use of Aquatic Macroinvertebrates as In-		GORDON, J. C.
dicators of Stream Pollution, W74-01742 7-04 5B	GORBUSHINA, L. V. Isotopic Composition of Oxygen and Hydrogen	Alternative 4A: Intensive Greenbelt Develop- ment as an Additional Consideration,
GOODRICH, P.	in Sulfide Waters of the Sochi-Adler Artesian Basin (Izotopnyy sostav kisloroda i vodorada	W74-11604 7-22 6B
Movement of Pollutant Phosphorus in Satu-	sul'fidnykh vod Sochi-Adlerskogo artezian-	GORDON, L. I.
rated Soils, W74-00392 7-01 5B	skogo basseyna), W74-01394 7-03 2K	Chemical Data From Oregon Waters, 1972, W74-10652 7-20 5B
COODDICH B B	GORDEEV, N. A.	CORPON P. C
GOODRICH, P. R. Establishing the Impact of Agricultural Practices on Groundwater Quality, W74-00571 7-02 5B	The Prospects of Using the Rybinsk Water Storage Basin for Fisheries, (In Russian), W74-02241 7-05 8I	GORDON, R. C. Batch Disinfection of Treated Wastewater with Chlorine at Less Than 1 deg C, W74-04042 7-08 5D
GOODRIDGE, J. D.	GORDEN, M.	GORDON, R. W.
Climatological Stations in California, 1971, W74-01383 7-03 7C	Effluent Management Information System (EMIS), W74-12082 7-23 5G	An Effective Method for the Isolation of Fish- Toxic Organic Solutes from Pulp Mill Ef-
GOODSPEED, M. J.	Effect Manager Information Courter	fluents, W74-06382 7-12 5D
Developments in the Processing of Hydrologi-	Effluent Management Information System (EMIS),	W 74-00302 7-12 3D
cal Data in Australia, W74-11562 7-22 7C	W74-12082 7-23 5G	GORELIK, A. G. The Possibilities of the Identification of
Liver Control Technique Applied to	GORDIYENKO, V. V.	Precipitation Zones with Misz (Meteorological
Linear Systems Technique Applied to Hydrologic Data Analysis and Instrument Evaluation: A Case Study on Data from the	Thermal Fields of the Eastern Carpathians, W74-08984 7-17 2F	Artificial Earth Satellites), W74-09196 7-17 2B
Alice Springs Area,	GORDON, A. R.	GOREN, S. L.
W74-04470 7-09 2A	Minimizing Water and Sewer System Costs	Removal of Oil from Aqueous Wastes by Flota-
GOODWIN, C. R.	Using Topaz, W74-09658 7-18 6A	tion, W74-10082 7-19 5G
Detection of Turbidity Dynamics in Tampa		
Bay, Florida Using Multispectral Imagery from ERTS-1,	GORDON, C. H. Coumaphos as a Feed Additive for the Control	GORIN, YU. I.
W74-06711 7-13 2L	of House Fly Larvae in Cow Manure,	Some Features of the Hydrologic Regimen of Saratov Reservoir (Nekotoryye cherty
GOODYEAR, S.	W74-00411 7-01 5D	gidrologicheskogo rezhima Saratovskogo
Iodine-129 Levels in Milk and Water Near a	Effect of Bacillus Thuringiensis in Cattle	vodokhranilishcha), W74-01728 7-04 4A
Nuclear Fuel Reprocessing Plant, W74-07798 7-15 5B	Manure on House Fly Larvae, W74-00414 7-01 5G	GORLENKO, V. M.
GOOLSBY, D. A.	GORDON, C. R.	Microbiological Oxidation of Hydrogen Sulfide
Injection of Acidic Industrial Waste inot a	Chlorine Disinfection of Wastewater,	in the Repnoe Lake (Slavonic Lakes), (In Rus-
Saline Carbonate Aquifer: Geochemical	W74-10182 7-19 5D	sian), W74-12168 7-23 5C
Aspects, W74-03243 7-07 5E	GORDON, D. C. JR.	
	Detection of Trace Amounts of Oil in Sea	GORNAT, B. The Relation Between Moisture Measurements
GOOSSENS, P.	Water by Fluorescence Spectroscopy, W74-00059 7-01 5A	with a Neutron Probe and Soil Texture,
A Note on the Hot Springs of Ecuador, W74-09021 7-17 2K		W74-02074 7-04 2G
	Laboratory Studies of the Accommodation of Some Crude and Residual Fuel Oils in Sea	GORODISHER, Z. YA.
GOPHEN, M. Lake Kinneret: Planktonic Populations During	Water,	Filter - For Clarifying Natural and Waste
Seasons of High and Low Phosphorus Availa-	W74-04775 7-09 5B	Waters,
bility,	GORDON, D. L. AND	W74-10348 7-19 5D
W74-03937 7-08 5C	Hydrogeologic Considerations in Solid Waste	GORSHKOVA, E. F.
GORAN, P.	Storage in Iowa: Part 1. Sanitary Landfill Site Selection: Part 2. A Method of Hazardous and	Hygienic Evaluation of the Quality of Water
Membrane Processes (Osmosis and Reverse	Toxic Waste Disposal,	Obtained by Means of Electrodialysis Desalting
Osmosis),	W74-04592 7-09 5E	of Imitation Sea Water, (In Russian), W74-00478 7-01 3A
W74-00145 7-01 3A	GORDON, E. C.	
GORBACH, E. I.	Detection and Estimation of Isopropyl	GORSLINE, D. S. Distribution and Transport of Suspended Par-
Fecundity of the Grass Carp Ctenopharyn- godon idella (Val.) in the Amur Basin (In Rus-	Methylphosphonofluoridate and O-Ethyl S-	ticulate Matter in Hueneme, Redondo, New-
sian),	Diisopropylaminoethylmethylphosphonothioate in Seawater in Parts-Per-Trillion Level,	port, and La Jolla Submarine Canyons, Califor-
W74-04121 7-08 2I	W74-02427 7-05 5A	nia, W74-01954 7-04 2L
GORBUNOV, YU. A.	GORDON, E. D.	W/4-01934 /-04 2L
Determination of the Duration of Natural	Proposed Water-Resources and Land-Capabili-	Dynamic Characteristics of West Florida Gulf
Hydrologic Periods, W74-00113 7-01 2C	ty Investigation, Arusha Region, Tanzania,	Coast Beaches, W74-03437 7-07 2J
17-00113	W74-02627 7-05 2A	1-07 23

GORDON, G. E.
Intercomparison of Several Types of Cascade

7-21 5A

Impactors, W74-11008 GORYACHEVA, Y. Y.
Automatic Pumping Installations for Livestock
Sections,
W74-07864 7-15 8C

GORBUNOVA, R. G.
The Possibility of Soda Formation in Soil by
Biochemical Means, (In Russian),
W74-05271 7-10 2G

GORYUNOV, N. S. Effect of Different Irrigation Methods on the	GOTOH, S. The Role of Oxygen in Nitrogen Loss from	GOVINDARAJAN, A. Cyanophage AC-1: A Phage Infecting Unicellular and Colonial Blue-Green Algae,
Alfalfa Crops in Rice Crop Rotations, (In Russian),	Flooded Soils, W74-12290 7-23 2G	W74-01825 7-04 5C
W74-13172 7-24 2I	Transformation of Iron in a Waterlogged Soil	GOVOROVA, T. T.
GOSHKA, A. T. Hygienic Evaluation of a Machine for Applying Granulated Herbicides in Canals of the Collec-	as Influenced by Redox Potential and pH, W74-06934 7-13 5B	Effect of Depth of Soil Cultivation and of Fer- tilizers on the Survival and Growth of Pine on the Lower Dnieper Sands, (In Russian),
tor-Drainage Network, (In Russian), W74-04166 7-08 5G	GOTSOVA, V. Productivity and Grain Qualities of Certain	W74-01098 7-02 4A
GOSINK, T. A.	Newly Developed Native and Foreign Wheat	GOW, A. J. Isua, Greenland: Glaciological Investigations
Correlation of ERTS Multispectral Imagery	Varieties Grown Under Irrigation, (In Bulgari- an),	During 1973, W74-07910 7-15 2C
with Suspended Matter and Chlorophyll in Lower Chesapeake Bay,	W74-04832 7-09 3F	
W74-06667 7-13 2L	GOTTSCHLING, R. D.	GOW, J. A. Dissociation in a Marine Pseudomonad,
GOSS, D. W. Movement and Accumulation of Suspended	Ozone Decolorization of Effluents from Secon- dary Treatment,	W74-03566 7-07 5A
Sediment During Basin Recharge,	W74-11095 7-21 5D	GOWER, J. F. R. Use of ERTS-1 Pictures in Coastal Oceanog-
W74-03240 7-07 4B	Ozone Disinfection of Industrial-Municipal	raphy in British Columbia,
GOSS, J. Availability of Data on Surface-Water Quantity	Secondary Effluents, W74-06159 7-12 5D	W74-06707 7-13 2L
and Quality for the San Francisco Bay Region,		GOYAL, D. Population, Land Use and Livestock Composi-
California, with a Summary of Beneficial Uses and Implications for Land Use,	GOUGH, T. A. A Study of the Stability of a Nitrogen-Selective	tion in India and Its Arid Zone,
W74-11980 7-22 7C	Thermionic Detector, W74-05437 7-11 5A	W74-07105 7-14 3F
GOSSE, L. E.		GOZLAN, R. S. Iodide Oxidation by a Marine Bacterium,
Distributional Impacts of Environmental Quali- ty Management: The Case of Federal Grants	GOULD, B. W. Sampling Errors in Flood Damage Estimates,	W74-03565 7-07 5A
for Water Pollution Control,	W74-11690 7-22 6F	GRABACKA, E.
W74-03894 7-08 5D	GOULD, C. J.	Protozoans in Ponds Filled with Sugar Factory Wastes.
GOSSELIN, C. Small Tunnels, Large Potentials,	Metal Coordination Compounds of Thiabendazole,	W74-06552 7-13 5C
W74-08358 7-16 8A	W74-05490 7-11 5A	GRABHAM, A. L.
GOSSELINK, J. G.	GOULD, M.	Harbor Analog System, Part I - Waves, W74-01200 7-03 2L
The Value of the Tidal Marsh, W74-05782 7-11 2L	Mill Waste Treatment by Flotation at Delair, W74-03545 7-07 5D	GRABLE, M. A.
GOSWAMI, K. P.		Development of Improved Membranes for
A Simple Automatic Soil Percolator,	GOULDEN, P. D. The Chemical Analysis of Nutrients,	Reverse Osmosis, W74-00159 7-01 3A
W74-06531 7-13 7B	W74-01802 7-04 5C	GRABOW, W. O. K.
GOSWAMI, S. R. Iron Removal in Municipal Treatment Plants,	Determination of Submicrogram Levels of	Drug Resistance of Coliform Bacteria in
W74-09510 7-18 5D	Phenol in Water, W74-03868 7-08 5A	Hospital and City Sewage, W74-05361 7-10 5B
GOSZ, J. R. Hydrologic Nutrient Cycle Interactions in	GOUPIL, D. W.	Drug Resistant Coliforms Call for Review of
Undisturbed and Manipulated Ecosystems	Glue Treatment-Pick a Way,	Water Quality Standards, W74-10497 7-20 5D
(Watersheds), W74-01110 7-03 4C	W74-00165 7-01 5D	
GOTAAS, H. B.	GOUTIER, D. Automatic Recording Dilatometer,	The Relationship Between Sewers, Environ- mental Pollution and Bacteria That Are Re-
Design Optimization for Biological Filter	W74-06148 7-12 5A	sistant to Antimicrobial Agents, (In Afrikaans), W74-13158 7-24 5B
Models, W74-02679 7-06 5D	GOVE, G.	Survival in Maturation Ponds of Coliform Bac-
СОТО, Н.	1972 Review of the Literature on Pulp and Paper Effluent Management,	teria With Transferable Drug Resistance,
Determination of Some Rare-Earth Elements	W74-04540 7-09 5D	W74-06748 7-13 5C
by Plasma-Jet Emission Spectrometry, W74-00044 7-01 2K	GOVE, G. W.	GRACANIN, M. On the Concept and Determination of Critical
СОТО, М.	Industrial Wastes: Paper and Applied Products,	Soil Moisture,
Fish Fauna in River Nagaragawa and Its	W74-12941 7-24 5D	W74-02546 7-05 2G
Change for the Last Several Years in Relation to River Pollution (In Japanese), W74-05580 7-11 5C	GOVER, D. E. Alternating Current Polarography in the Har- monic Multiplex Mode. Observations on the	GRACE, J. L. JR. Cellular-Block-Lined Grade Control Structure, W74-05523 7-11 8B
Semiintegral Electroanalysis: Shapes of	Use of Digital Signal Conditioning with the	Drainage and Erosion Control Facilities, Field
Neopolarograms, W74-01333 7-03 5A	Fast Fourier Transform Algorithm, W74-00631 7-02 7C	Performance Investigation, W74-09948 7-19 8A
GOTO, T. Fish Fauna in River Nagaragawa and Its Change for the Last Several Years in Relation	GOVER, R. K. Management of South Westland Terrace Podocarp Forest Under a Selection Logging	Model Study of Trotters Shoals Spillway, W74-09204 7-17 8B
to River Pollution (In Japanese), W74-05580 7-11 5C	System, W74-07347 7-14 4A	Selective Withdrawal from Man-Made Lakes, W74-08585 7-16 4A
1-11 3C	1-14 4A	1-10 9A

GRACIA-BENGOCHEA, J. I.

GRACIA-BENGOCHEA, J. I.	GRAHAM, H. J.	GRANMO, A.
Artificial Recharge of Treated Waste Waters	Phosphorus Removal in Seasonal Retention	Effects of Oil Dispersants and Oil Emulsions
and Rainfall Runoff into Deep Saline Aquifers	Lagoons by Batch Chemical Precipitation,	on Marine Animals, W74-06745 7-13 5C
of Peninsula of Florida, W74-03242 7-07 5E	W74-08851 7-17 5D	W /4-06/43 /-13 3C
W /4-03242	GRAHAM, J. J.	GRANSTROM, L.
GRACY, R. C.	Coastal Currents of the Western Gulf of Maine,	Water Resources Development in the Mullica
Survey of the South Carolina Oyster Fishery,	W74-00015 7-01 2H	River Basin,
W74-01830 7-04 6C		W74-02450 7-05 5C
GRACZ-NALEPKA, M.	Survival of Salmonella Typhimurium in Artifi-	GRANT, B. R.
Elaboration of Optimal Doses and Forms of	cial and Coastal Sea Water,	The Excretion of Organic Nitrogen by Marine
Macro- and Microelements and Humates in the	W74-13361 7-24 5C	Algae in Batch and Continuous Culture,
Nutrient Used in Hydroponic Cul-	GRAHAM, P. H.	W74-04102 7-08 5C
ture'Wroclaw,'	Estimation of Imperviousness and Specific	
W74-13380 7-24 3F	Curb Length for Forecasting Stormwater Quali-	GRANT, C.
GRADER, R. J.	ty and Quantity,	Toxicity for Cats of Methylmercury in Con- taminated Fish from Swedish Lakes and of
The Activated Sludge Process using High-Puri-	W74-07640 7-15 5B	Methyl-Mercury Hydroxide Added to Fish,
ty Oxygen for Treating Kraft Mill Wastewater,	CRAHAM C	W74-11711 7-22 5C
W74-03068 7-06 5D	GRAHAM, S. Remanent Magnetization of Modern Tidal Flat	
GRADUSOV, B. P.	Sediments from San Francisco Bay, California,	GRANT, C. J.
Clay Minerals in Sediments From The	W74-07173 7-14 2L	The Biology of the Soldier Fish, Gymnapistes
Northwestern Part of The Pacific Ocean		marmoratus (Pisces: Scorpaenidae),
(Glinistyye mineraly v osadkakh severo-zapad-	GRAINGER, C. A.	W74-02000 7-04 2I
noy chasti Tikhogo okeana),	Atmospheric Water Resources Management	GRANT, D. J. W.
W74-10382 7-20 2J	Program,	Degradative Versatility of Corynebacterium
GRADWOHL, D. M.	W74-11229 7-21 3B	pseudodiphtheriticum NCIB 10803 which uses
Stalking the Skunk. A Preliminary Survey and	GRAJCER, D.	Amides as Carbon Source,
Appraisal of Archaeological Resources in the	Biological Treatment of Wastewater Using	W74-01536 7-03 5B
Ames Reservoir, Iowa,	Algae and Artemia,	GRANT, F.
W74-11584 7-22 6G	W74-13311 7-24 5D	Liquid Aerobic Composting of Cattle Wastes
GRAEF, A. F.		and Evaluation of By-Products,
Research on Advanced Membranes for Reverse	GRAMENOPOULOS, N.	W74-12222 7-23 5D
Osmosis,	Terrain Type Recognition Using ERTS-1 MSS	CDANE CA
W74-11642 7-22 3A	Images, W74-06661 7-13 7C	GRANT, G. A.
Chare c h	W /4-00001 /-13 /C	The Role of Paper Mill Additives as Potential Stream Pollutants Development of Nuclear
GRAEF, S. P. Stability and Control of Anaerobic Digestion,	GRAMLICH, J. W.	Techniques,
W74-09434 7-18 5D	Determination of Lead, Uranium, Thorium,	W74-05287 7-10 5A
110 35	and Thallium in Silicate Glass Standard Materi-	*
GRAEF, W.	als by Isotope Dilution Mass Spectrometry,	GRANT, G. C.
Pollution of Drinking Water by Oil in the Pipes	W74-11385 7-21 5A	Acute Toxicity of Unbleached Kraft Mill Ef-
of New Buildings, (In German), W74-03950 7-08 5B	GRANADE, J. W.	fluent (UKME) to the Opossum Shrimp, Neo- mysis Americana Smith,
W74-03950 7-08 5B	The Economic Impact of the Ban on Commer-	W74-11324 7-21 5C
GRAEFE, A. F.	cial Fishing on Lake Pickwick,	
Development of Field-Applied DDT,	W74-03910 7-08 6B	GRANT, J. B.
W74-12218 7-23 5G		A Time Series from the Beach Environment,
Research on Advanced Membranes for Reverse	GRANATO, P. A.	W74-00017 7-01 2J
Osmosis,	Recovery and Identification of Anaerobes: A	GRANT, L. O.
W74-00318 7-01 3A	System Suitable for the Routine Clinical	Snow-Air Interactions and Management of
CRAPPE V	Laboratory, W74-04886 7-10 5A	Mountain Watershed Snowpack,
GRAEFE, V. Approach of Tides to the Hawaiian Islands,	W/4-04000	W74-12201 7-23 2C
W74-03620 7-07 2E	GRANBERG, H. B.	GRANT, M. J.
	Indirect Mapping of the Snowcover for Per-	Approaches to State Coastal Management,
GRAF, W. H.	mafrost Prediction at Schefferville, Quebec,	W74-02185 7-05 2L
Hydraulic Performance of Pennsylvania	W74-04356 7-09 2C	
Highway Drainage Inlets Installed in Paved Channels,	Permafrost and Snowcover Relationships Near	Rhode Island's Barrier Beaches: Volume I, a
W74-11009 7-21 8A	Schefferville,	Report on a Management Problem and an
	W74-04362 7-09 2C	Evaluation of Options, W74-05152 7-10 2L
GRAFFTEY, W. H.		W 74-03132 7-10 2L
Let's Enforce the Rules,	GRANCHER, C. VARLET	Rhode Island's Barrier Beaches: Volume II.
W74-03891 7-08 6E	Net Assimilation, Water Use and Microclimate	Reports and Recommendations at the Commu-
GRAHAM, D. B.	of a Maize Canopy: III. Spectral Composition of the Light Inside the Crop, (In French),	nity Level,
Public Relations Aspects of Agricultural Waste	W74-06239 7-12 3F	W74-05033 7-10 2J
Management,	7-12 31	Rhode Island's Ocean Sands: Management
W74-09666 7-18 5G	GRANCINI, G.	Guidelines for Sand and Gravel Extraction in
GRAHAM, D. J.	Dispersal Processes of Freshwaters in the Po	State Waters,
Floating Water Jet for Oil Slick Control,	River Coastal Area,	W74-10437 7-20 5G
W74-02494 7-05 5G	W74-02758 7-06 2E	GRANT, R. A.
GRAHAM, D. R.	GRANHALL, U.	Protein Recovery from Process Effluents using
A Quiet Revolution: Florida's Future on Trial,	Nitrogen Fixation in a Subarctic Mire,	Ion-Exchange Resins,
W74-09173 7-17 4B	W74-05489 7-11 5B	W74-09747 7-18 5D

GRANT, R. S.	GRATZL, J. S.	GRAY, W. G.
Floods in Capron Quadrangle, Northeastern Il-	Model Studies on Reactions Occurring in Ox-	Galerkin Approximation of the Time Derivative
linois,	idations of Lignin with Molecular Oxygen in	in the Finite Element Analysis of Groundwater
W74-13188 7-24 7C	Alkaline Media,	Flow,
Floods in Garden Prairie Quadrangle,	W74-08359 7-16 5B	W74-11423 7-21 2F
Northeastern Illinois,	GRAVEL, Y.	GRAYMAN, W. M.
W74-13189 7-24 7C	The Use of Sodium Cyanide as a Fish Eradi-	Design of Optimal Precipitation Networks,
	cant in Some Ouebec Lakes.	W74-03333 7-07 2B
GRANT, W. F.	W74-12696 7-23 8I	
A Useful Spray Reagent to Differentiate Com-	W/4-12090 /-23 61	GREAVES, H.
mon Phenolic Compounds on Thin-Layer	GRAVEN, E. H.	Biodegradation of Resin Acid Sodium Salts,
Plates and Paper Chromatograms,	Effects of Rainfall and Differential Application	W74-07393 7-14 5D
W74-05460 7-11 5A	of N, P, K and Ca on the Downward Move-	GREAVES, J. R.
GRANT, W. J.	ment of K in an Avalon Medium Sandy Loam	Marine Resources and Ocean Surveys,
Water Stress Relations of the Potato Plant	Cropped with Maize (Zea Mays L.),	W74-01169 7-03 7B
under Field Conditions,	W74-13251 7-24 2G	W/4-01105 /-03 /B
W74-08811 7-17 3F		GREB, B. W.
W/4-00011	GRAVENOR, C. P.	Concepts of Conservation Tillage Systems
GRANVILLE, R. A.	Water Release from the Base of Active	Using Surface Mulches,
Effects of Raw Materials and Chemical Addi-	Glaciers,	W74-08277 7-16 3F
tives on Mill Effluent Losses,	W74-05728 7-11 2C	*
W74-12416 7-23 5D		GREEFF, A. M.
	GRAVES, G. W.	Nitrogen Elimination by Bogus Alternation of
GRAS, R.	Application of a Large Scale Nonlinear Pro-	Aerobic/'Anoxic' Conditions in 'Orbal' Ac-
Effects of Coarse Constituents on Dynamics of	gramming Problem to Pollution Control,	tivated Sludge Plants,
Water in a Sandy Soil: II. Dynamics of Water	W74-07461 7-14 5D	W74-06605 7-13 5D
in a Fine-Earth/Coarse Constituents System:		GREEN, D. M.
Positive Moisture Changes, (In French),	GRAVES, W. L. JR.	The Identification of Sources of Oil Spills,
W74-12742 7-23 2G	Characteristics of Steam Electric Condenser	W74-00780 7-02 5A
Large Ecological Zones of Lake Chad, (In	Cooling Waters,	
French).	W74-02869 7-06 5B	GREEN, D. W.
W74-13356 7-24 2H	GRAY, C. B. J.	The Development and Field Testing of a Basin
	Changes in C, N, P, and S in the Last 140	Hydrology Simulator,
GRASS, L. B.	Years in Three Cores from Lakes Ontario,	W74-04984 7-10 2A
Manganese and Iron Solubility Changes as a	Erie, and Huron,	Experimental and Mathematical Modeling of
Factor in Tile Drain Clogging: II. Observations	W74-01805 7-04 5C	Liquid-Liquid Miscible Displacement in Porous
During the Growth of Cotton,	7-04 30	Media.
W74-07152 7-14 2G	GRAY, D. A.	W74-00366 7-01 2F
Performance of a Tile Drainage System: An	Borehole Logging Investigations in the Chalk	7-01 21
Performance of a Tile Drainage System: An Evaluation of a Tile Design and Management,	of the Lambourn and Winterbourne Valleys of	GREEN, E. J.
W74-06596 7-13 3F	Berkshire,	Dissolved Pollution Product Gases in Natural
11/4-00330 /-13 31	W74-00956 7-02 8G	Waters,
GRASS, L. E.		W74-01786 7-04 5B
Drain Installation for Nitrate Reduction,	GRAY, G. R.	CREEN U B
W74-00398 7-01 5G	New Muds Designed to Improve Drilling Rate,	GREEN, H. P. The Resolution of Uncertainty,
	Hole Stability,	W74-03479 7-07 5G
GRASS, L. R.	W74-00946 7-02 8G	W14-03417 1-01 3G
Manganese and Iron Solubility Changes as a	CDAVIE	GREEN, J.
Factor in Tile Drain Clogging: I. Observations	GRAY, I. E.	Coal Humates for the Removal of Water Pollu-
During Flooding and Drying,	The Circulation of Surface Waters in Raleigh	tants Associated With the Use of Coal,
W74-07151 7-14 2G	Bay, North Carolina,	W74-10993 7-21 5D
GRASSLE, J. F.	W74-01210 7-03 2L	
A Small Oil Spill,	GRAY, J. S.	GREEN, J. H.
W74-05578 7-11 5B	Growth Rates of Sediment-Living Marine	Preliminary Trials with Herbicides in Irrigated Onions at Samaru, Nigeria.
	Protozoan as a Toxicity Indicator for Heavy	W74-02079 7-04 3F
GRASSO, P.	Metals,	,-04 JF
Studies on the Effects of the Oral Administra-	W74-01529 7-03 5A	GREEN, K. M.
tion of Di-(2-Ethylhexyl) Phthalate on some	7.00 5/1	Taxonomic Position of Two Lumbrineris Spp.,
Hepatic Enzymes in the Rat,	GRAY, K. E.	W74-07568 7-14 2L
W74-10885 7-20 5C	Effect of Bentonitic Fluid Properties on	OBERN K B
GRASTY, R. L.	Drilling Rate,	GREEN, K. P.
Airborne Measurement of Snow-Water	W74-07879 7-15 8B	A Simple Automatic Soil Percolator, W74-06531 7-13 7R
Equivalent Using Natural Gamma Radiation		W74-06531 7-13 7B
Over Southern Ontario, 1972-1973,	GRAY, O. N.	GREEN, L. R.
W74-05853 7-11 2C	Glass-Metal Composite Electrodes,	Ecological and Physiological Implications of
	W74-01512 7-03 2K	Greenbelt Irrigation with Reclaimed Water,
GRATTO, C. P.	CDAY C I	W74-12895 7-24 5D
Primer on Agricultural Pollution,	GRAY, S. L. The Economic Value of Water for Waste Dilu-	
W74-05569 7-11 5B		GREEN, M.
GRATZEK, J. B.	tion: Regional Forecasts to 1980,	Summary of Environmental Monitoring at
Microcultures of Brown Bullhead (Ictalurus	W74-13297 7-24 5B	Philadelphia, 1958-1971,
nebulosus) Cells: Their Use in Quantitation of	Primary Data on Economic Activity and Water	W74-08648 7-16 5B
Channel Catfish (Ictalurus punctatus) Virus and	Use in Prototype Oil Shale Development Areas	GREEN, N. M. D.
Antibody,	of Colorado: An Initial Inquiry,	A Synthetic Model for Daily Streamflow,
W74-05323 7-10 5A	W74-12356 7-23 6B	W74-07179 7-14 2E
, 10 JA	7-25 OD	

GREEN, R. E.

GREEN, R. E. Solute Transport in Aggregated Soils: Tracer Zone Shape in Relation to Pore-Velocity Dis- tribution and Adsorption,	GREENE, G. H. JR. Mechanism of Transmission of Nonconjugative Substituent Effects. IV. Analysis of the Dis-	GREENWAY, A. R. Precipitation Characteristics of the Northern New Jersey, New York City Metropolitan Area.
W74-12855 7-24 5B	sociation Constants of 6-Substituted Spiro (3.3) Heptane-2-Carboxylic Acids,	W74-07607 7-15 2B
GREEN, R. H.	W74-00324 7-01 2K	GREENWAY, H.
Distribution and Morphological Variation of Lampsilis radiata (Pelecypoda, Unionidae) in Some Central Canadian Lakes: A Multivariate	GREENE, J. M. A Study of How Water Quality Factors Can Be Incorporated Into Water Supply Analysis,	Permeation of Uncharged Organic Molecules and Water Through Tomato Roots, W74-05852 7-11 3F
Statistical Approach, W74-01608 7-03 2H	W74-13030 7-24 5G	GREENWELL, L. G.
GREEN, R. L.	GREENE, R. W.	Development of a Prototype Search and Retrieval Network for Water Resource Infor-
Emergency Planning for Municipal Wastewater Treatment Facilities,	Nutrient Cycling and Productivity of Dystrophic Lake-Bog Systems (Part B),	mation and User Evaluation Survey, W74-10412 7-20 10B
W74-06577 7-13 5D	W74-07466 7-14 5C	
Maintenance Management Systems for Mu-	GREENFIELD, L. J.	Development of a Prototype Search and Retrival Network for Water Resource Informa-
nicipal Wastewater Facilities, W74-06579 7-13 5D	Chemical Relationships Between Surface	tion, W74-02821 7-06 10B
	Water and the Ground in South Florida, W74-01153 7-03 2K	
Start-Up of Municipal Wastewater Treatment Facilities,		GREER, R. D. Voltammetric Identification of Organochlorine
W74-06578 7-13 5D	GREENFIELD, M. D. Possible Effects of Construction and Operation	Insecticides, Polychlorinated Biphenyls,
GREEN, R. M.	of a Supertanker Terminal on the Marine En-	Polychlorinated Naphthalenes and Polychlorinated Benzenes,
'Control by Variance' with the Probability Computer,	vironment in New York Bight, W74-07488 7-14 5C	W74-02389 7-05 5A
W74-06152 7-12 7C	CREEKING C V	GREGG, D. O.
GREEN, T.	GREENFIELD, S. M. The Strategic Environmental Assessment	Hydrology and Chloride Contamination of the Principal Artesian Aquifer in Glynn County,
Long Waves in Shallow Triangular Channels, W74-02158 7-05 2E	System (Seas): A Research Project, W74-12472 7-23 6B	Georgia, W74-07919 7-15 2F
GREEN, V. E.	GREENHALGH, R.	GREGG, J. C.
Practical Methods for Derivatizing and Analyz- ing Bacterial Metabolites with a Modified Auto- matic Injector and Gas Chromatograph,	Lethality and Behavioral Symptoms Produced by Some Organophosphorous Compounds in the Snail (Helix Aspersa).	Nitrate Removed at Water Treatment Plant, W74-08317 7-16 5F
W74-01336 7-03 5A	W74-11483 7-22 5C	GREGG, J. L.
GREEN, W. J. Organic Nutrient Factors Effecting Algal	GREENING, E. O.	U.S. Army Environmental Quality Research and Development Programs,
Growths, W74-03326 7-07 5C	Microbial Indicators for the Biological Quality of Treated Wastewater Effluents,	W74-10779 7-20 5G
GREENBERG, A. E.	W74-07372 7-14 5D	GREGORY, A. F. Preliminary Assessment of Geological Applica-
Mercury in Water: An Evaluation of Laboratories and Methodology,	New Microbial Indicators of Wastewater Chlorination Efficiency,	tions of ERTS-1 Imagery from Selected Areas of the Canadian Artic,
W74-09774 7-18 5A	W74-10189 7-19 5D	W74-01700 7-04 2C
GREENBERG, B.	GREENKORN, R. A.	GREGORY, K. E.
Method of Purifying Sewage Effluent and Ap- paratus Therefor,	Determination of Dispersion and Nonlinear Ad-	Area Director's Summary, W74-00143 7-01 5G
W74-00958 7-02 5D	sorption Parameters for Flow in Porous Media, W74-12299 7-23 2G	GREGORY, K. J.
GREENBERG, M. R. A Test of Alternative Models for Projecting	Dispersion During Flow in Porous Media with Bilinear Adsorption.	Adjustment of River Channel Capacity Downstream from a Reservoir, W74-12298 7-23 4A
County Industrial Production at the 2, 3, and 4- Digit Standard Industrial Code Levels,	W74-00367 7-01 5B	
W74-09551 7-18 3E	An Experimental Study of Immiscible Dis-	GREGORY, L. A. Benthos Studies (1971 and 1972) on the Win-
A Test of Combinations of Models for Project-	placement with an Unfavorable Mobility Ratio	nipeg River in the Vicinity of the Abitibi Manitoba Paper Company, Pine Falls,
ing the Population of Minor Civil Divisions, W74-09081 7-17 6B	in Porous Media, W74-07524 7-14 2F	Manitoba, W74-09460 7-18 5C
GREENBLATT, G. D.	Matrix Properties of Porous Media,	
Recent Developments in the Law of the Sea IV: A Synopsis,	W74-12813 7-24 2F	A Benthos Survey (1972) in the North Saskatchewan River in the Vicinity of the
W74-06965 7-13 6E	Pulse Testing: A New Method for Describing Reservoir Flow Properties Between Wells.	Prince Albert Pulp Company, Prince Albert, Saskatchewan,
GREENE, C.	W74-00939 7-02 8G	W74-09459 7-18 5C
Model for Landscape Resource Assessment, Part I of the 'Metropolitan Landscape Planning		GREGORY, R. W.
Model' (METLAND),	GREENSPAN, H. P. A Note on Edge Waves in a Stratified Fluid,	The Effects of Water Flow Manipulation
W74-02657 7-06 6B	W74-01194 7-03 2E	Below the Hydroelectric Power Dam on the Bottom Fauna of the Upper Kennebec River,
GREENE, G. H. Comparison of Field and Sigma-Inductive	GREENSPAN, I.	Maine, W74-09462 7-18 5C
Models for the Transmission of Nonconjuga-	Frequency of Fish Tumors Found in a Polluted	
tive Substituent Effects. The 2,6-Spiro (3,3) Heptyl System,	Watershed as Compared to Nonpolluted Canadian Waters,	GREGORY, W. S. Another Rio Grande for New Mexico,
W74-03737 7-07 2K	W74-02401 7-05 5C	W74-02461 7-05 3A

GREGORY, W. S.
Another Rio Grande for New Mexico,
W74-02461 7-05 3A

						.,
GREIF, R.		Determination of the Total S			GRIFFITHS, M.	
Evaporation Retardation by Monolayers,		the Cretaceous Sandstone	Aquiters in So	outh	The Phytotoxicity of Crude Oil Spills	in Fresh-
W74-02774 7-06	3B	Dakota, W74-01114	7-03	2F	water, W74-01820	7-04 5C
GREIG, R. A.						
Survey of Mercury Concentrations in Fishes	s of	Large Springs in the Black I	Hills, South Dal	kota	GRIFFITHS, R. P.	
Lakes St. Clair, Erie, and Huron,		and Wyoming,			Applicability of the Reverse-Flow	
W74-06775 7-13	5B	W74-12367	7-23	3F	Technique to Marine Microbial Studies	
		GRIESHABER, O. A.			W74-02971	7-06 5A
GREINER, E. C.		Waste Water Process Tank	Control Facility		Reversible Heat Injury in the Marine	Psychro-
Weather Modification Operations in Californ	nia,	W74-07216	7-14		philic Bacterium Vibrio marinus MP-1,	
October 1, 1968 - September 30, 1969,	20				W74-02883	7-06 SC
W74-03056 7-06	3B	GRIESSER, E. E.			CRICAL D. F.	
GRELEN, H. E.		Viscosity Actuated Phase S	Separating (VA)	PS),	GRIGAL, D. F.	0-3
Prescribed Burning Rotations on Pine-Bluest	tem	For Oil-Water Separations,			Calcium Cycling: Diffusion into a Fore W74-05200	7-10 5B
Range.		W74-10231	7-19	5G	W 14-03200	/-10 3B
W74-02944 7-06	4A	GRIFFIN, A.			GRIGG, D.	
		Desalinzation System,			Environment, Water and Sedim-	ents of
GRENDA, R. N.		W74-11400	7-21	3A	Christiansted Harbor, St. Croix,	
Analysis of the Feasibility of an Experimen	it to		-		W74-06292	7-12 5C
Measure Carbon Monoxide in the Atmosphe		GRIFFIN, G. F.			GRIGG, N. S.	
W74-06917 7-13	5A	The Quantity and Movemen			Evaluation and Implementation of	f Hirbar
CREWEN W. I		Water in Two Connecticut			Drainage and Flood Control Projects,	Oloai
GRENNEY, W. J.		High and Low Levels of	Inorganic Nitro	ogen		7-19 6B
Activity Analysis and the Management		Fertilizer,				
Resources: A Model for Control of Eutroph	nca-	W74-12595	7-23	2B	Metropolitan Water Intelligence	Systems-
tion, W74-06574 7-13	**	GRIFFIN, H. L.			Completion Report, Phase III,	
7-13	30	Processing Animal Wastes	or Feed and In	dus-	W74-11457	7-22 5D
Effects of Intracellular Nutrient Pools	on	trial Products,			Planning and Wastewater Manageme	ent of
Growth Dynamics of Phytoplankton,		W74-10152	7-19	5D	Combined Sewer System in San Franc	
W74-13302 7-24	5C					7-20 5D
		GRIFFIN, J. D.				
Evaluating Water Reuse Alternatives in W	ater	Digital-Computer Programs	s for Analysis	s of	GRIGG, R. W.	
Resources Planning,		Ground-Water Flow, W74-09115	7-17	2E	Some Ecological Effects of Discharg	
W74-08940 7-17	5D	W 74-09113	7-17	21	Mill Wastes on Marine Life Al	iong the
A Mathematical Model of the Nutrient Dyn		GRIFFIN, J. R.			Hamakua Coast, Hawaii,	
ics of Phytoplankton in a Nitrate-Limited		Xylem Sap Tension in Thr	ee Woodland	Daks	W74-05660	7-11 50
vironment,	Lu	of Central California,			GRIGGS, G. B.	
W74-00720 7-02	SC.	W74-13035	7-24	21	The Occurrence of Glauconite in	Monterey
	-	GRIFFIN, R. A.			Bay, California, Diversity, Origins, a	and Sedi-
GRENSTEN, J. J.		Kinetics of the Phosphat	a Interaction	with	mentary Environmental Significance,	
Ecological Impacts: Part IIWildlife	and	Calcite.	e interaction	with	W74-10370	7-20 2L
Biocommunities,		W74-06895	7-13	SR	GRIGGS, J. H.	
W74-06444 7-12	3B	***************************************	7-13	JB	Emission Spectrometric Determina	ation o
OPPOSITE D. P.		Test of a New Model for	the Kinetics of	Ad-	Trace Metals in Biological Tissues,	ation o
GRESSWELL, R. E.		sorption-Desorption Process				7-03 5A
Early Life History and Feeding of Yo	oung	W74-10742	7-20	5G		
Mountain Whitefish, W74-08832 7-17	**	CRIPPIN W I			GRIGGS, M.	
W74-08832 7-17	30	GRIFFIN, W. L. Costs of Land Subsidence	. Due to Co		Air Pollution Measurements From Sate	
GREVE, P. A.		Water Withdrawal.	e Due to Gre	ound	W74-04485	7-09 5A
Polychlorinated Terphenyls in the Envi	iron-	W74-12867	7-24	AR	Determination of Aerosol Content in	n the At
ment,		1174-12807	1-24	45	mosphere.	i the At
W74-00057 7-01	5A	GRIFFING, T. C.				7-13 70
7.01		Biological Monitoring of the	e Fraser River	Near		
GREY, B. J.		Prince George, B.C.,			GRIGOR'EV, Y. YA.	
Sediment Production in a Small Appalac		W74-09463	7-18	5C	Effect of the Polymer K-4 on the Res	
Watershed During Spring Runoff: The Ea	aton	Use of Artificial Substrate	Samplers to A		Light Chestnut Soil Cover to Er	osion by
Basin, 1970-1972,		Water Pollution,	Samplets to As	39632	Water, (In Russian),	7.02 47
W74-04267 7-08	2J	W74-12190	7-23	SA	W74-00988	7-02 4I
GRIEBENOW, G.			7-23	211	GRIGOR'YEVA, A. S.	
Levels of Assessment,		GRIFFITHS, D.			Description of Precipitation Cycle	s in th
W74-04035 7-08	6D	The Structure of an Acid M	oorland Pond (Com-	USSR and Their Relation to Genera	
7-08	OD	munity,			tion Cycles,	
CDIEK M D		W74-01508	7-03	5C	W74-05566	7-11 21

GRIFFITHS, D. J.

W74-05046

W74-00955

GRIFFITHS, J. C.

7-18 4A

7-03 2F

Factors Affecting the Photosynthetic Capacity

of Laboratory Cultures of the Diatom Phaeodactylum Tricornutum,

A Stochastic Model for Predicting Variations in Reservoir Rock Properties,

GRIEK, M. R.

Discharge, W74-09617

GRIES, J. P.

Dakota, W74-01113

River Regulations as Influence on Peak

Calculation of Permeability of Cretaceous Sandstones from Pumping and Static Level Data in Selected Areas of Western South

Hydrography and Water Resources of Australia (Gidrografiya i vodnyye resursy Avstralii), W74-02757 7-06 6B

Methods and Means for Preparing Hydrological

Observation Results for Processing on Compu-

GRIGORIEV, V. I.

W74-11563

7-02 8E

GRIGORKINA, T. YE

7-22 7C

GRIGORKINA, T. YE

Inflow of River Waters to the Bal	tic Sea from	GRINEVICH, G. A.	GROENIER, W. S.
the USSR (Pritok rechnykh vod v		Compositional Modeling of Hydrographs	Recovery of Toxic Metals from Industrial Ef-
more s territorii SSSR),		(Kompozitsionnoye modelirovaniye	fluent Solutions by Solvent Extraction,
W74-06448	7-12 2E	gidrografov),	W74-12033 7-23 5D
GRIJM, W.		W74-05146 7-10 2A	GROGAN, F. M.
Theoretical Forms of Shorelines,		GRIP, H.	Determination of Trace Organic Components in
W74-04336	7-09 2J	A Deterministic Parametric Water-Balance	Aqueous Wastes,
		Model.	W74-10974 7-21 5B
Theoretical Forms of Shorelines,	7 10 27	W74-01126 7-03 2A	CROMOV B V
W74-04962	7-10 2L		GROMOV, B. V.
GRILLS, P.		GRISAK, G. E.	The Fine Structure of Amoeboaphelidium protococcarum Gromov et MamkaevaAn En-
An Environmental Reference for t	he Construc-	Hydrogeologic Studies at a Subsurface	doparasite of Green Alga Scenedesmus,
tion Industry,		Radioactive-Waste-Management Site in West-	W74-01826 7-04 5C
W74-12661	7-23 5C	Central Canada,	
CRIMA A R LING		W74-03239 7-07 5E	GROMOVA, V. S.
GRIMA, A. P. LINO The Impact of Policy Variables of	n Residential	GRISHCHENKO, N. F.	Effect of the Moisture and Temperature on the
Water Demand and Related		Hygienic Evaluation of Surface Waters in the	Leaching of Ash Elements from Plant Residues
Requirements,	21110011110111	Transcarpathian Region, (In Russian),	(in Russian),
W74-03477	7-07 6D	W74-11171 7-21 5B	W74-08016 7-15 2I
			GRONEMAN, A. C.
GRIMES, J. W.		GRISHIN, I. S.	Vegetation, Timber Resources and Forest In-
How Wells Affect Shallow Glad	cial Ground-	Effect of Snowstorms on Snow Transport from	ventory,
Water Supplies in South Dakota, W74-10873	7-20 4B	Mountainous Plateaus (Vliyaniye meteley na	W74-11581 7-22 6G
W 74-10673	7-20 4B	s'yem i perenos snega s gornykh plato),	CROWLIND F
GRIMM, A.		W74-10221 7-19 2C	GRONLUND, F. The Standard Potential of the Single-Crystal
Dairy Manure Waste Handling Sys		GRISWOLD, G. M.	Copper Electrode in Aqueous Solutions,
W74-09674	7-18 5D	A Review of Oceanographic Variables and	W74-06149 7-12 2K
GRIMME, H. L. JR.		Their Analyses and Predictions Over the Con-	***************************************
Water Cleaning Treatment,		tinental Shelf.	GROOVER, R. D.
W74-04710	7-09 3A	W74-04329 7-09 2L	Electrophoretic and Immunological Analyses of
	. 05 511	100 22	Seven Chlorosarcinacean Algae,
GRIMMETT, E. S.		GRITTON, E. C.	W74-01426 7-03 5A
Method for the Disposal of Con	nbustible and	The Application of Numerical Simulation	GROPP, J.
Dilute Aqueous Wastes,		Models in the Assessment of the Effect of	On the Composition of Mixed Fodder Rations
W74-12805	7-24 5D	Discharges into Coastal Waters,	for Trout in Net Cages, (In German),
GRIMSRUD, G. P.		W74-04674 7-09 5B	W74-07599 7-14 8I
Quantitative Methods for Prelimin	ary Design of	GRITZUK, M.	
Water Quality Surveillance System		Ocean County Sewerage Authority Waste	GROPP, R. F.
W74-06885	7-13 5A	Water Solids Utilization on Land Demonstra-	Pollution Control by Recycling Effluent,
CRIN A M		tion Project,	W74-07407 7-14 5D
GRIN, A. M. Efficiency of Functioning of	the Main	W74-11843 7-22 5D	GROSE, P. AND
Ecosystems of the European Fore			Drastic Beach Changes in a Low-Energy En-
Russian),		GRIZEL, H.	vironment Caused by Hurricane Betsy,
W74-09500	7-18 2I	A Parasitic Sporozoan of Crassostrea	W74-04756 7-09 2J
		rhizophorae (Guilding), (In French),	CROSECLOSE I I
Infiltration Properties of Soils as		W74-06253 7-12 5C	GROSECLOSE, I. L. Odors Emitted from Raw and Digested Sewage
Structure of the Hydrolo (Infil'tratsionnyye svoystva	pochv i	GRODZINSKI, B.	Sludge,
vnutrizonal'nyye osobennosti st		Loss of Photosynthetic Activity in Two Blue-	W74-07960 7-15 5D
nogo balansa).	luktury vou-	Green Algae as a Result of Osmotic Stress,	7-13 35
W74-00341	7-01 2G	W74-01302 7-03 5B	GROSMANGIN, M.
			A Sonic Method for Analyzing the Quality of
GRINBERG, A. M.		GROENEVELT, P. H.	Cementation of Borehole Casings,
Catalog of USSR Glaciers. Volu		Coupling Between Transport Processes in an	W74-00936 7-02 8F
Indigirka Region. No. 2. Middle No. 5. Lower Lena. Part 2. (Kat		Anisotropic Mixture of Fluids and Solid Parti-	GROSS, A. C.
SSSR. Tom 17. Lensko-Indigi		cles,	Markets for Chemicals Grow and Grow,
Vypusk 2. Srednyaya Lena. Cha	st' 1: Vypusk	W74-12849 7-24 2J	W74-11118 7-21 5D
5. Nizhnyaya Lena. Chast' 2.),	71-30	Coupling Between Transport Processes in	
W74-11218	7-21 2C	Porous Media,	GROSS, G.
CHAIRNEO V.		W74-12848 7-24 2F	Water Motion and Water-Sediment Interaction,
GRINENKO, V. V.	www. I anwar		W74-09863 7-19 5B
Prolonged Afterglow of Strawber Various Levels of Hydration, (In		On the Interaction of Water and Heat Trans-	GROSS, M. G.
W74-13378	7-24 21	port in Frozen and Unfrozen Soils: I. Basic	Geologic Aspects of Waste Solids and Marine
		Theory; the Vapor Phase,	Waste Deposits, New York Metropolitan Re-
GRINEVA, G. M.		W74-10215 7-19 2C	gion,
Water Metabolism of Plants Di	uring Oxygen	On the Interaction of Water and Heat Trans-	W74-07171 7-14 5B

port in Frozen and Unfrozen Soils: II. The Liquid Phase,

Soil Moisture Distribution During Two-Dimensional Absorption from a Cylindrical Source, W74-07042 7-13 20

Sediment and Waste Deposition in New York

GROSSMAN, G. S. Legal Bibliography: A Critical Overview, W74-03050 7-06

7-22 5B

7-06 10C

Harbor, W74-11874

7-19 2C

7-13 2G

W74-11196

gidrografov), W74-05146

Deficiency, (in Russian),

GRINEVICH, A. G.
Compositional Modeling of Hydrographs (Kompozitsionnoye modelirovaniye

7-21 21

7-10 2A

W74-10216

CUDE H

CRUNEWALD I

CROVE A T

gion, W74-08086

A Note on the Remarkably Low Rainfall of the	Hydrochemical Living Conditions of Immature	A Preliminary Note on the Sequential Decom-
Sudan Zone in 1913, W74-08759 7-17 2B	Stages of Boophthora Erythrocephala de Geer (Diptera, Simuliidae): 1. Field Studies, (In Ger-	position of Pectin by Aquatic Bacteria, W74-06092 7-12 5B
	man),	GUENTHER, G.
GROVE, D. R.	W74-12728 7-23 2I	Michigan Water Resources Enforcement and
Arizona Indian Corn (Zea mays L.), W74-03926 7-08 3F	GRUNWELL, J. R. Photolysis of Parathion (O,O-Diethyl-O-(4-	Information System, W74-00701 7-02 5G
GROVE, G.	Nitrophenyl) Thiophosphate). New Products,	W 74-00701 7-02 3G
Storage and Retrieval of Groundwater Data,	W74-02380 7-05 5B	GUENZI, W. D.
W74-01291 7-03 7C		Picloram Photolytic Decomposition,
7.00	GRUPPUSO, P. A.	W74-02383 7-05 5B
GROVER, W. C.	DDT Inhibition of Active Chlorophenol Red Transport in Goldfish (Carassius auratus) Renal	
Investigation of Porous Pavements for Urban	Tubules.	GUERREO R, RICARDO
Runoff Control,	W74-03573 7-07 5C	Physical Properties of Some Volcanic-Ash
W74-05411 7-11 5D		Derived Soils of the Highlands of Pasto, Narino, Colombia, (In Spanish),
GROWITZ, D. J.	GRUSHKO, YA. M.	W74-01228 7-03 2G
Physical, Chemical, and Biological Charac-	Weakly Oxidizing Organic Substances in Waste	703 20
teristics of Conewago Lake Drainage Basin,	Waters and the Problem of Sanitary Protection of Water Bodies, (In Russian),	GUEST, R. J.
York County, Pennsylvania,	W74-10582 7-20 5D	Compensated Gamma Ray Densimeter Mea-
W74-06259 7-12 5C	7.50 55	sures Slurry Densities in Flow,
	GRZYWIENSKI, A.	W74-07877 7-15 8G
Progress Report on the Effect of Ground-Water	Realization of the Danube Flood Protection	GUEST, R. W.
Conditions on Local Flooding in the Kingston	Project for Vienna (Das Werden des Projektes	Design of Milking Center Waste Management
Area, Pa., W74-09366 7-18 4B	fuer den Donauhochwasserschutz von Wien), W74-09739 7-18 4A	Systems,
7-18 4B	W/4-09/39 /-18 4A	W74-10301 7-19 5D
GRUB, W.	GSTALDER, S. A.	
Characteristics of Wastes from Southwest Beef	Organization of Field Tests and Evaluation of	GUEVEN, O.
Cattle Feedlots,	Tricone Bit Performance Using Statistical	Varied Flow Functions for Elliptic Channels,
W74-09694 7-18 5D	Analysis and Sonic Logs,	W74-11139 7-21 8B
COLUMN II I	W74-04160 7-08 8G	GUFSTAFSON, G.
GRUBB, H. F.	GUARD, H. E.	Over 40 Years of Regional Services,
Regression Techniques for Estimation of Sulfate in Streams Draining an Area Affected	Considerations in Application of Microorgan-	W74-09146 7-17 6E
by Coal Mining,	isms to the Environment for Degradation of	
W74-05125 7-10 5B	Petroleum Products,	GUGELER, J. E.
710 35	W74-08618 7-16 5B	Evaluation of 75,000 GPD Continuous Ion
GRUBBS, D. M.	Fate of Petroleum Hydrocarbons In Beach	Exchange Sea Water Desulfating Pilot Plant, W74-11629 7-22 3A
Permeability Restoration in Underground	Sand.	W 74-11029 7-22 3A
Disposal Reservoirs,	W74-02473 7-05 5B	GUGGINO, W. B.
W74-00554 7-02 5E		Heavy Metals in Wastewater and Treatment
GRUEN, L.	Hydrocarbons of Suspected Pollutant Origin in	Plant Effluents,
Staphylococci and Micrococci In Swimming-	Aquatic Organisms of San Francisco Bay: Methods and Preliminary Results,	W74-01319 7-03 5A
Bath Water, (In German),	W74-08630 7-16 5B	GUIBERT, F.
W74-00277 7-01 5A	1117 00000	The Use of Sodium Cyanide as a Fish Eradi
CRUPNIC C V	GUARNERI, C. A.	cant in Some Quebec Lakes,
GRUENDLING, G. K. Toxicity of Lead Nitrate to Algae,	Study of Water Recovery and Solid Waste	W74-12696 7-23 81
W74-03595 7-07 5C	Processing for Aerospace and Domestic Appli- cations: Volume 1 - Final Report Summary,	CHICK MOREN
W 14-03333 1-01 3C	W74-01280 7-03 5D	GUICE, MODENA
GRUENER, N.	17701200	Cost of Developing Ground Water in the Par Harrison Waterway District, Mississippi,
The Effect of Nitrites On Isolation-Induced	GUBANOV, I. A.	W74-10530 7-20 4E
Aggression in Mice,	The Distribution of Carex bohemica Schreb. in	
W74-10892 7-20 5C	the Central Belt of the European Part of the USSR, (In Russian),	GUIDE, V.
GRUENFELD, M.	W74-11873 7-22 2H	Chesapeake Bay Nutrient Input Study,
Extraction of Dispersed Oils from Water for	W/4-116/3	W74-12660 7-23 50
Quantitative Analysis by Infrared Spec-	GUBBELS, G. H.	GUILBAULT, G. G.
trophotometry,	Effects of Plastic Mulch and Row Spacing on	Glass-Metal Composite Electrodes,
W74-00267 7-01 5A	Carrot Grown North of Latitude 60 degree N,	W74-01512 7-03 2K
CRUMPR B II	W74-01999 7-04 3F	
GRUMMER, R. H. Antagonistic Effect of Arginine on Zinc	GUBER, P. K.	GUILBE, A.
Metabolism in Chicks,	Seasonal Variability of Water Temperature in	Comparative Analysis of Residential Water Use in Puerto Rico,
W74-07955 7-15 5C	the Vicinity of the Japan Current	W74-03324 7-07 6E
	(Vnutrisezonnaya izmenchivost' temperatury	7-07 61
GRUNDY, R. D.	vody v rayone Kurosio), W74-05150 7-10 2E	GUILBERT, T.
Environmental Policies as a Congressional	7-10 ZE	Wilderness Preservation II: Bringing the Con
Requirement for Social Efficacy,	GUDDING, R.	vention into Court,
W74-08539 7-16 6E	Pollution Caused by Agriculture,	W74-05766 7-11 6E
GRUNES, D. L.	W74-07366 7-14 5B	GUILL, S. M.
Recovery, Residual Effects, and Fate of	GUDE, A. J. III.	Application of Chelating Ion Exchange Resin
Nitrogen Fertilizer Sources in a Semiarid Re-	Chert Derived from Magadiite in a Lacustrine	for Trace Element Analysis of Geological Sam

7-15 5B

Chert Derived from Magadiite in a Lacustrine Deposit Near Rome, Malheur County, Oregon, W74-13184 7-24 2J

for Trace Element Analysis of Geological Samples Using X-Ray Fluorescence,
W74-11364 7-21 5A

GUILLARD, R. R. L.

	Nutrient Used in Hydroponic Cul-	GUPTA, S. N.
GUILLARD, R. R. L.		
Kinetics of Silicon-Limited Growth in the	ture'Wroclaw,'	Developing a Cooperative Research Program
Marine Diatom Thalassiosira pseudonana Hasle	W74-13380 7-24 3F	For Flood Control in Brahmaputra Valley,
and Heimdal (Equals Cyclotella Nana Hustedt),		W74-00195 7-01 10A
W74-01431 7-03 5C	GUMTZ, G. D.	
	Oil Recovery System Using Sorbent Material,	GUPTA, S. P.
The Production of Extracellular Carbohydrates	W74-04985 7-10 5G	Determination of Dispersion and Nonlinear Ad-
by Some Marine Flagellates,		sorption Parameters for Flow in Porous Media,
W74-08746 7-17 5C	State of Maryland Waste Oil Recovery and	W74-12299 7-23 2G
	Reuse Program,	
GUILLEMOT, J.	W74-10539 7-20 5D	Dispersion During Flow in Porous Media with
First ERTS-1 Results in Southeastern France:		Bilinear Adsorption,
Geology, Sedimentology, Pollution at Sea,	GUNDLACH, D. L.	W74-00367 7-01 5B
W74-06687 7-13 4A	Discharge and Travel Time for Ground-Water	
	Conduits,	An Experimental Study of Immiscible Dis-
GUINEE, P. A. M.	W74-08383 7-16 8B	placement with an Unfavorable Mobility Ratio
Incidence of Resistance to Tetracycline,		in Porous Media,
Chloramphenicol and Ampicillin Among Sal-	Some Aspects of Approximating Aquifer	W74-07524 7-14 2F
monella Species Isolated in the Netherlands in	Discharge,	17-14 21
1969, 1970 and 1971,	W74-09096 7-17 2F	GUPTA, T. R.
W74-07562 7-14 5C		Economic Criteria for Decisions on Preserva-
	GUNDSTRUP, A. S. P.	
GUINN, V. P.	Competitive Growth of Salmonella and Pseu-	tion and Alteration of Natural Resources with
Instrumental Neutron Activation Analysis of	domonads in Tetrathionate Enrichment Broth,	Specific Reference to Freshwater Wetlands in
Lead Matrices for Mercury,	W74-06168 7-12 5C	Massachusetts,
W74-11373 7-21 5A		W74-02671 7-06 6B
W/4-113/3	GUNKEL, W.	
Results from Multi-Trace-Element Neutron Ac-	Distribution and Abundance of Oil-Oxidizing	Valuation of Visual-Cultural Benefits from
tivation Analyses of Marine Biological	Bacteria in the North Sea,	Freshwater Wetlands in Massachusetts,
Specimens,	W74-08622 7-16 5B	W74-01643 7-03 6B
W74-10049 7-19 5A	W/4-00022	
W/4-10049 /-19 3A	GUNN, C. A.	GUPTA, T. R. AND
GUIRE, P.	Development of Criteria for Evaluating Urban	Institutional Framework Affecting the Use of
	River Settings for Tourism-Recreation Use,	Inland Wetlands in Massachusetts,
Assessment of Biodegradation Potential for	W74-12866 7-24 6B	W74-04462 7-09 4A
Controlling Oil Spills on the High Seas,	W /4-12800 /-24 OB	***************************************
W74-12649 7-23 5G	GUNNELL, F.	GUPTA, U. C.
CHIPE D E	Pothole Community Management for Livestock	Interaction Effects of Boron and Lime on Bar-
GUIRE, P. E.		ley.
Enzymatic Removal of Oil Slicks,	and Wildlife in the Intermountain Region,	
W74-00284 7-01 5G	W74-03083 7-06 4A	W74-08799 7-17 3F
B 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CUNINDROOM C C	CHIDEN N. P.
Production and Characterization of Emulsify-	GUNNERSON, C. G.	GUPTA, V. K.
ing Factors from Hydrocarbonoclastic Yeast	The Bosporus,	Environmental Tritium Contamination from
and Bacteria,	W74-12372 7-23 2L	Nuclear Power Program,
W74-08632 7-16 5B	arranta a r	W74-02018 7-04 5B
	GUNNING, G. E.	
GUIRGIS, H.	Environmental Evaluation Based on Relative	GURON, Y.
Biological Effects of Mercury Compounds,	Growth Rates of Fishes,	Relation Between Evapotranspiration Rate and
Discussion Paper,	W74-11937 7-22 5C	Maize Yield,
W74-06814 7-13 5C		W74-10339 7-19 2D
	GUO, H. M.	
GUIRGIS, H. A.	Biological Treatment of Airport Wastewater	GURVICH, V. V.
The Binding of Inorganic and Organic Mercury	Containing Aircraft De-Icing Fluids,	Micro- and Mesobenthos Development as a
Compounds (Hg 203) to Constituents of Nor-	W74-10552 7-20 5D	Factor of Soil Composition (In Russian),
mal Human Blood,		W74-04816 7-09 2H
W74-06803 7-13 5C	GUPTA, A.	7-09 211
	Effects of High-Magnitude Floods on Channel	GUSEINOV, M. K.
GUISET, A.	Form: A Case Study in Maryland Piedmont,	Benthos in Arakum Bodies of Water, (In Rus-
Plankton Production and Water Quality in	W74-09904 7-19 2J	sian),
Spanish Reservoirs. First Report on a Research		W74-09142 7-17 5C
Project,	GUPTA, I. C.	W/4-09142 /-1/ 3C
W74-08005 7-15 5C	Effect of Gypsum in Reducing Boron Hazard	GUSEINOV, R. K.
7.5	of Saline Waters and Soils,	
GULLEDGE, J. H.	W74-07095 7-14 3C	Effectiveness of Mineral Fertilizers During
Removal of Arsenic (V) from Water by Ad-		Cotton Cultivating Depending on Soil Humidi-
sorption on Aluminum and Ferric Hydroxides,	Note on Lithium in Saline Groundwaters,	ty, (In Azerbaijanian),
W74-09775 7-18 5F	W74-10908 7-21 5B	W74-08099 7-15 3F
7-10 21		CUCEINOU C C
GULLIKSEN, B.	GUPTA, M. K.	GUSEINOV, S. G.
Spawning, Larval Settlement, Growth,	Development of a High Product Water	Accumulation of Root Mass in Perennial
Biomass, and Distribution of Ciona intestinalis	Recovery System for the Treatment of Acid	Legume Plots on Eroded Soils (In Azerbaidz-
L. (Tunicata) in Borgenfjorden, North-Tron-	Mine Drainage by Reverse Osmosis,	han),
	W74-08841 7-17 5D	W74-03874 7-08 3F
delag, Norway, W74-06417 7-12 2L	7-17 30	
W74-06417 7-12 2L	Screening/Dissolved-Air Flotation Treatment	GUSEV, N. G.
GUM, R.	of Combined Sewer Overflows,	Radiation Safety Problems in the Operation of
Land Subsidence: An Economic Analysis,	W74-07262 7-14 5D	Atomic Electric Power Stations, (In Russian),
W74-12225 7-23 6C		W74-07363 7-14 5B

GUPTA, R. K.

An Economical Hydraulic struction and Calibration,
W74-10238

The History of Drip Irrigation,
W74-10739

W74-10739

7-20 3F

GUMINSKA, Z.

Elaboration of Optimal Doses and Forms of Macro- and Microelements and Humates in the

GUSTAVSON, T.	GUZE, L. B.	HABTE, M.
Sedimentation on Gravel Outwash Fans, Malaspina Glacier Foreland, Alaska,	Defects in Prodigiosin Formation by L-Forms of Serratia Marcescens,	Estimating the Density of Individual Bacteria Populations Introduced into Natura
W74-10375 7-20 2J	W74-06099 7-12 5A	Ecosystems, W74-04890 7-10 5/
GUTENMANN, W. H.	Fatty Acid Composition of L-Forms of	
Trace Metals in Lake Cayuga Lake Trout (Salvelinus Namayoush) in Relation to Age,	Streptococcus Faecalis Cultured at Different Osmolalities.	HACHEZ, G.
W74-11336 7-21 5C	W74-00622 7-02 5A	Some Simple Methods for Limnological Stud in Shallow Water,
Trace Metals in New York State Fish,	GVERIN-DUMARTRAIT, E.	W74-00998 7-02 7
W74-11934 7-22 5C	Red Light and Nitrogen Starvation Induced	HADA, Y.
GUTENTAG, E. D.	Changes in Pigment Composition (Phycoerythrin, Chlorophyll Forms) and	The Flagellata Examined From Polluted Water of the Inland Sea, Setonaikai,
Hydrogeologic Data from Greeley, Wichita,	Photosynthetic 02 Evolution of Porphyridium	W74-11342 7-21 50
Scott and Lane Counties, Kansas, W74-12068 7-23 4B	Sp. (Effets de la Lumiere Rouge et de la	HADAS, A.
	Carence en azote sur la composition pigmen- taire (phycoerythrine, holochromes chlorophyl-	The Heat Flux Density in a Non-Homogeneou
GUTER, K. J. Evaluation of Existing Field Test Kits for	liens) et l'emission d'02 photosynethetique de	Bare Loessial Soil,
Determining Free Chlorine Residuals in Aque-	porphyridium sp).,	W74-07346 7-14 20
ous Solutions,	W74-02964 7-06 5C	HADDAD, G. AND
W74-06162 7-12 5A	GVIRTZMAN, G.	Rainfed Rice in Southern Senegal: Evaluation of Three Years' Experimentation (1966-1969)
GUTHRIE, J. E.	Control and Distribution of Uranium in Coral Reefs During Diagenesis,	(In French),
Effects of Chrome Radiation Exposure On Mosquitoes (Diptera: Culicidae). 1. Effects of	W74-04070 7-08 2K	W74-04829 7-09 3
Rearing in Sr-90 + Y-90 Solutions,	GWINN, W. R.	HADDAD, R. H.
W74-07821 7-15 5C	Laboratory Calibration of the Walnut Gulch	Groundwater Survey of the Erbil Project Area
Occurrence, Radioactivity, and Diversity, of	Supercritical Flow-Measuring Flume,	W74-00761 7-02 4
Winnipeg River Benthic Organisms in the Vicinity of Whiteshell Nuclear Research	W74-11519 7-22 7B	HADDADIN, M. J.
Establishment,	GYORI, S. A.	Dead Populations of Fish in the Rivers Jorda
W74-05418 7-11 5C	Temperature-Controlled Fluid Manifold For a Fluid System of an Automated Sample	and Zarqa, W74-12247 7-23 5
GUTHRIE, J. F.	Analyzer,	HAEDRICH, R. L.
Occurrence of the Parasitic Branchiuran, Argu-	W74-13258 7-24 7B	A Seasonal Survey of the Fishes in the Myst
lus alosae, On Dying Atlantic Menhaden, Brevoortia tyrannus, In the Connecticut River,	GYUK, I.	River, a Polluted Estuary in Downtow
W74-05526 7-11 5C	Flow Toward Periodic Title Drains, W74-08923 7-17 2F	Boston, Massachusetts, W74-11302 7-21 5
GUTHRIE, R. K.		HAEDRICH, S. O.
The Effects of Selected Herbicides on Bacteri-	Unsteady Flow to Bottom Drain in Bounded Aquifer,	A Seasonal Survey of the Fishes in the Myst
al Populations in an Aquatic Environment, W74-05484 7-11 5C	W74-08926 7-17 2F	River, a Polluted Estuary in Downtow
	HAAN, C. T.	Boston, Massachusetts, W74-11302 7-21 5
GUTKNECHT, W. F. Analysis of Biological, Clinical, and Environ-	Calibrating A Water Yield Model for Small	
mental Samples Using Proton-Induced X-Ray	Ungaged Watersheds,	HAEFFNER, A. D. Areal Snow Cover Observations in the Centr
Emission, W74-11862 7-22 5A	W74-02172 7-05 2A	Rockies, Colorado,
	Calibrating a Water Yield Model for Small	W74-06391 7-12 2
GUTSHALL, P. L. Interfacial Interaction of Water and Silicate	Ungaged Watersheds, W74-07519 7-14 2A	Photogrammetric Determinations of Sno
Minerals,		Cover Extent from Uncontrolled Aerial Phot
W74-09805 7-19 2K	HAAN, H. DE. Molecule-Size Distribution of Soluble Humic	graphs, W74-00697 7-02 3
GUY, H. P.	Compounds From Different Natural Waters,	
Erosional and Depositional Aspects of Hur-	W74-01351 7-03 2H	HAEFNER, H. Snow Survey and Vegetation Growth in His
ricane Camille in Virginia, 1969, W74-11233 7-21 2J	HAASE, E. F.	Mountains (Swiss Alps),
	Jojoba: A Wax-Producing Shrub of the	W74-09320 7-18 2
GUY, M. First ERTS-1 Results in Southeastern France:	Sonoran Desert, Literature Review and An- notated Bibliography,	HAESSELBARTH, U.
Geology, Sedimentology, Pollution at Sea,	W74-13141 7-24 2I	Biological Incrustation of Wells Due to Ma
W74-06687 7-13 4A	HABASHY, A. P.	Development of Iron and Manganese Bacteria W74-01902 7-04 3
GUYMON, G. L.	Artificial Feeding of Carp Fry,	
Regional Sediment Yield Analysis of Alaska	W74-09501 7-18 8I	HAFEEZ KHAN, M. A. Irrigation Waters of the Indus Plains and The
Streams, W74-06440 7-12 2J	HABEEB, W. R.	Salt Load,
	Applicability of Rule of Strict or Absolute Lia- bility to Overflow or Escape of Water Caused	W74-01639 7-03
GUYTON, W. F. Ground Water for the Oil Industry in Texas and	by Dam Failure,	HAGAN, F. M.
Southeast New Mexico,	W74-05776 7-11 6E	Water Treatment System,
W74-13343 7-24 4B		W74-07979 7-15

HABIB, J.

W74-10607

The Filtration Flow of Pure Water Through HAGAN, R. M.

7-20 2G

Kaolin and Darcy's Law (Les Ecoulements de Filtration Dans le Kaolin et La Loi de Darcy),

GUZDAR, A. R.

Centrifuge Coalescer Concept for Separating Oil from Water Discharged from Ships, W74-09203 7-17 5G Functions to Predict Effects of Crop Water

Deficits,

W74-02680

HAGAN, R. M.

HAGAN, K. M.		
Functions to Predict Optimal Irrigation Pro-	HAHNE, H. C. H.	HAISE, H. R.
grams, W74-09476 7-18 3F	Effect of Detergent-Laden Water on the Growth of Corn.	Self-Closing Irrigation Pipe Valve, W74-05670 7-11 8B
1177770	W74-09256 7-18 3C	
Potential Usefulness of Antitranspirants for Solution of Some Water Supply, Plant Growth,	Significance of pH and Chloride Concentration	Vacuum Extractors to Assess Deep Percolation Losses and Chemical Constituents of Soil
and Environmental Problems,	on Behavior of Heavy Metal Pollutants: Mercu-	Water,
W74-01105 7-03 3B	ry (II), Cadmium (II), Zinc (II), and Lead (II), W74-02155 7-05 5B	W74-03779 7-08 7B
Water Production Functions and Irrigation Pro-		HAITH, D. A.
gramming for Greater Economy in Project and	The Simultaneous Effect of pH and Chloride Concentrations Upon Mercury (II) as a Pollu-	Optimal Control of Nitrogen Losses from Land
Irrigation System Design and for Increased Ef- ficiency in Water Use,	tant,	Disposal Areas, W74-02677 7-06 5B
W74-03920 7-08 3F	W74-03782 7-08 5B	
HAGEN, A.	HAIGH, T. I.	Studies in the Analysis of Metropolitan Water Resource Systems-Volume VII: Conflict and
Polluted Snow in Southern Norway and the Ef-	Investigation of Porous Pavements for Urban	Choice: Multiobjective Water-Resources
fect of the Meltwater on Freshwater and	Runoff Control, W74-05411 7-11 5D	Planning,
Aquatic Organisms, W74-00287 7-01 5C		W74-01784 7-04 6A
	HAIGHT, R. D. Reversible Heat Injury in the Marine Psychro-	HAJDU, LAJOS
HAGEN, A. AND Polluted Snow in Southern Norway During the	philic Bacterium Vibrio marinus MP-1,	Electron Microscopic Investigation of Natural
Winters 1968-1971,	W74-02883 7-06 5C	Bacterial Populations in the Water and Sedi- ment of Lake Balaton and Lake Belso,
W74-04652 7-09 5B	HAIJKENS, J.	W74-02725 7-06 5A
HAGEN, H. K.	Lay-Out and Diameter Optimization for a	HAJEK, B. F.
Fish Behavior Related to Thermal Pollution,	Looped Water Transportation Network, W74-12144 7-23 4A	Ground Disposal of Reactor Coolant Effluent,
W74-03795 7-08 5C		W74-02013 7-04 5B
HAGEN, V.	HAIMES, Y. Y. Integrated System Identification and Optimiza-	HAJRA, J. N.
Design Criteria and Research Needs,	tion for Conjunctive Use of Ground and Sur-	Inorganic Transformation of Added
W74-09400 7-18 4A	face Water Phase I,	Phosphorus in Soil Relation to Soil Charac-
HAGERTY, D. J.	W74-03201 7-07 2F	teristics and Moisture Regime, W74-08258 7-16 2G
Geologic Aspects of Landfill Refuse Disposal,	The Integration of System Identification and	W 74-00250 7-10 2G
W74-09375 7-18 5B	System Optimization, W74-11042 7-21 6A	HAKONSON, T. E.
HAGIHARA, K.		The Distribution of Plutonium in Liquid Waste Disposal Areas at Los Alamos,
Studies on Modeling of Urban Storm Water Runoffon the Relation Between the Composi-	Modeling and Management of Water and Re- lated Land Resources for Phosphorus Control	W74-13117 7-24 5B
tion of Basin Model and the Equivalent	and Ecolibrium,	Ecodistribution of Plutonium in Liquid Waste
Roughness, W74-11855 7-22 5B	W74-02675 7-06 5B	Disposal Areas at Los Alamos,
W/4-11633 /-22 3B	Multilevel Optimization for Conjunctive Use of	W74-04443 7-09 5B
HAGLER, A. T.	Groundwater and Surface Water, W74-12296 7-23 4B	HALCROW, W.
Structure of Liquid Water. II. Improved Statistical Thermodynamic Treatment and Im-		The Distribution of Trace Metals and Fauna in
plications of a Cluster Model,	Multiobjectives in Water Resource Systems Analysis: The Surrogate Worth Trade Off	the Firth of Clyde in Relation to the Disposal of Sewage Sludge,
W74-13418 7-24 1A	Method,	W74-02420 7-05 5B
Structure of Liquid Water. Statistical Ther-	W74-13023 7-24 6A	HALE, F. M.
modynamic Theory, W74-13417 7-24 1A	HAINARD, P.	High Sensitivity Laser Absorption Spectrosco-
W74-13417 7-24 1A	Climatic Data of the High Altitude Meteorolog-	py of Laboratory Aqueous Solutions and of
HAGSTROM, I.	ical Stations of the Geneva Region For 1970, (In French),	Natural Missouri Waters. A Feasibility Study, W74-01658 7-04 2K
The Oxidation Rate of Sulphide in Sea Water, W74-10365 7-20 5B	W74-06532 7-13 7C	
	HAINES, D. A.	HALE, G. M. Optical Constants of Water in the 200-nm to
HAGUE, S. M. E. Some Novel Complexes of Chromium(I),	Mean Precipitation-Hours for the Conter-	200-Micrometer Wavelength Region,
W74-07946 7-15 5A	minous United States, W74-06390 7-12 2B	W74-02167 7-05 2K
HAHN, G. J.	W/4-00390 /-12 2B	HALE, V. Q.
A Survey of Prediction Intervals and Their Ap-	HAINS, C. F. Floods in AlabamaMagnitude and Frequency	Some Characteristics of Soil and Perennial
plications,	Based on Data Through September 30, 1971,	Vegetation in Northern Mojave Desert Areas
W74-03858 7-08 7C	W74-08587 7-16 2E	of the Nevada Test Site, W74-02024 7-04 5B
HAHN, H. H.	HAIR, M. E.	
Regional Wastewater Management Systems,	Interdisciplinary Monitoring of the New York	HALE, W. H. Alfalfa Quality: Is There a Difference,
W74-05389 7-10 5D	Bight, W74-07764 7-15 5A	W74-03930 7-08 3F
HAHN, J.		HALES, D. C.
The North Atlantic Ocean as a Source of Atmospheric N2O,	HAIS, A. B. Activated Sludge Treatment Systems with Ox-	Nutrient Sources and Transport in the Upper
W74-11900 7-22 2K	ygen,	and Central Regions of the Big Sioux River,
	W74-06839 7-13 5D	W74-01115 7-03 5B

Alum Addition to Activated Sludge with Tertiary Solids Removal, W74-00837 7-02 5D

HALEVY, A.
Experimental Studies of Polyculture in 1971,
W74-01021 7-02 8I

HAHN, L.

Summer Environmental Modification Systems for Dairy Cow Housing in the United States, W74-10299 7-19 5D

HALKER, B. B.	HALL, K. J.	HALLER, DOUGLAS L.
Method and Apparatus for Electrolytic Treat-	Molecular Size and Spectral Characterization	New Laws: Clean Waters in the Next Decade,
ment of Sewage,	of Organic Matter in a Meromictic Lake,	W74-08542 7-16 5G
W74-02486 7-05 5D	W74-11067 7-21 2H	HALLED C I
HALKO, D. J.	HALL, P. L.	HALLER, G. L.
The Vanadium and Selected Metal Contents of	Control of Sea Water Intrusion by Saltwater	Detection of Dilute Organic Acids in Water by Inelastic Tunneling Spectroscopy,
Some Ascidians,	PumpingA Mathematical model,	W74-13304 7-24 5A
W74-11353 7-21 5A	W74-12102 7-23 5G	W 14-13304 1-24 3A
		HALLER, W. T.
HALL, D. M.	HALL, R. C.	Effect of pH and High Phosphorus Concentra-
Conservation of Water and Reduction of Pollu-	Application of ERTS-1 Imagery and Un-	tions on Growth of Waterhyacinth,
tion by Use of Solvent Systems for Coloring	derflight Photography in the Detection and	W74-02934 7-06 5C
Textile Materials: An Economic Outlook,	Monitoring of Forest Insect Infestations in the	
W74-05535 7-11 3E	Sierra Nevada Mountains of California,	HALLERMEIER, R. J.
A Fundamental Comparison of the Utility of	W74-01680 7-04 3F	Application of ERTS-1 Imagery in Coastal Stu-
Trichloroethylene and Perchloroethylene in the	Enhancement of the Sensitivity and Selectivity	dies,
Application of Disperse Dyes to Polyester,	of the Coulson Electrolytic Conductivity De-	W74-06709 7-13 2L
W74-00433 7-01 3E	tector to Chlorinated Hydrocarbon Pesticides,	Pois Continuing to 1 Pilon Poster
	W74-02413 7-05 5A	Design Considerations for a 3-D Laser Doppler
HALL, D. W.		Velocimeter for Studying Gravity Waves in
Hydraulics and Thermal Dispersion in an Ir-	HALL, R. M. JR.	Shallow Water, W74-02642 7-05 2L
regular Estuary,	Environmental Dose Measurements in the	W 74-02042 7-03 2L
W74-05828 7-11 5B	Vicinity of Nuclear Facilities,	Wave Runup on Vertical Cylinders,
HALL, E. D.	W74-08911 7-17 5A	W74-03372 7-07 8B
Design and Simulation of Equalization Basins,	TAXE D W ID	1171 02712
W74-08046 7-15 5D	HALL, R. W. JR.	HALLIGAN, B. J.
	Observations on the Nitrogen Fixing Potential	Toxicity of Sodium Nitrilotriacetate (NTA) to
A Mathematical Model for Aerobic Digestion,	of the Surface Waters of a Large Impound-	the Fathead Minnow and an Amphipod in Soft
W74-05856 7-11 5D	ment, W74-00436 7-01 5C	Water,
	W /4-00436 /-01 3C	W74-09432 7-18 5C
Mathematical Model for Post Aeration,	HALL, S. K.	
W74-08045 7-15 5D	Pollution and Poisoning,	HALLING, R. A.
HALL, E. S.	W74-11702 7-22 5B	Development of Sea Water Membranes, Part I,
Quantitative Estimation of Disinfection Inter-		W74-11643 7-22 3A
ferences,	HALL, W.	D 1
W74-10822 7-20 5D	Water Production Functions and Irrigation Pro-	Development of Sea Water Membranes, Part
	gramming for Greater Economy in Project and	II,
HALL, G. F.	Irrigation System Design and for Increased Ef-	W74-11644 7-22 3A
Effect of Long-Term Management on Physical	ficiency in Water Use,	HALLIWELL, A. R.
and Chemical Properties of the Coshocton	W74-03920 7-08 3F	Suspended Sediment in a Tidal Estuary,
Watershed Soils,	HALL, W. A.	W74-03696 7-07 2L
W74-08813 7-17 4D	Multiobjectives in Water Resource Systems	7-07 21.
HALL, J. B. JR.	Analysis: The Surrogate Worth Trade Off	HALLIWELL, A. R. AND
Domestic Wash Water Reclamation For Reuse		Shear Velocity in a Tidal Estuary,
as Commode Water Supply Using a Filtration-		W74-04629 7-09 2L
Reverse Osmosis Separation Technique,		
W74-10478 7-20 5D	Opportunities for Regional Coordination and	HALLOW, W. C.
	Cooperation in Water Resources Research,	Chemical Composition of Water Supplies to
Domestic Wash-Water Reclamation Using an	W74-03175 7-06 6B	Naval and Marine Corps Air Stations,
Aerospace-Developed Water Recovery		W74-09227 7-17 5A
Subsystem,	Optimal Conjunctive Use Model for Indus	
W74-12073 7-23 5D		HALLOWELL, J. B.
Fundamental of a Multifiltentian Water Baslama	W74-08059 7-15 4B	Trace Metals in Effluents from Metallurgical
Evaluation of a Multifiltration Water Reclama- tion Subsystem to Reclaim Domestic Clothes		Operations,
Wash Water,	Energy Crisis,	W74-09212 7-17 5D
W74-11029 7-21 5D		Water-Pollution Control in the Primary Nonfer-
W14-11029 7-21 3D		rous-Metals Industry Volume I. Copper
HALL, J. D.	HALL, W. J.	Zinc, and Lead Industries,
Social Interaction Between Juvenile Coho (On-	Classification, Engineering Properties and Field	W74-05116 7-10 5D
corhynchus kisutch) and Fall Chinook Salmon	Exploration of Soils, Intact Rock and In Situ	7.10 32
(O. tshawytscha) in Sixes River, Oregon,	Rock Masses,	Water-Pollution Control in the Primary Nonfer-
W74-07040 7-13 2I	W74-10356 7-20 8E	rous-Metals Industry Volume II. Aluminum
WALL I P	HALLBERG, G. R.	Mercury, Gold, Silver, Molybdenum, and
HALL, J. E. Hulah Dam Emergency Bulkhead Prototype		Tungsten,
Closure Tests,	dation Mapping,	W74-05117 7-10 5D
W74-09205 7-17 8C		
7-17 60		HALLS, N. A.
HALL, J. K.	Mapping Quaternary Landforms and Deposits	The Microbial Associations Developing on Ex-
Erosional Losses of S-Triazine Herbicides,	in the Mic west and Great Plains by Means of	perimental Trickling Filters Irrigated with
W74-07421 7-14 5B		Domestic Sewage,
WATE I D	W74-01702 7-04 7C	W74-02987 7-06 5A
HALL, J. R.	HALLBERG, R. O.	HALLS, S.
Fishes, Macroinvertebrates, and Hydrological Conditions of Uplands Canals in Tampa Bay,		A Membrane Filtration Technique for the Enu-
Florida,	Tidal Area,	meration of Escherichia Coli in Seawater.

Florida, W74-05916

7-11 5C

W74-12280

W74-13237

7-23 5B

HALMANN, M.

HALMANN, M. Chemical Ecology: Evidence for Phosphate as	HAMANN, C. L. Advanced Waste Treatment Process Selection,	HAMILTON, C. E. Waste and Water Monitoring,
the Only Factor Limiting Algal Growth in Lake Kinneret,	Part Three, W74-11135 7-21 5C	W74-10979 7-21 5D HAMILTON, D. H. JR.
W74-04685 7-09 5C HALOUSEK, J.	Advanced Waste Treatment Process Selection, Part Two,	Polychaetes of the Chesapeake Bay, W74-00913 7-02 2L
Geothermal Prospecting in Shallow Holes and Its Limitations,	W74-08245 7-16 5D	HAMILTON, H.
W74-09001 7-17 2F	Water Resource Preservation by Planned Recycling of Treated Wastewater,	Biological Aspects of Offshore Nuclear Power Plants,
HALPENNY, L. C. Application of Hydrogeological Data to Long-	W74-01866 7-04 5D	W74-09864 7-19 5C
Term Economics of Growing Sugar Cane in	HAMANN, J. J.	HAMILTON, H. E.
Venezuela, W74-00196 7-01 10A	Iron Removal Filter System, W74-03002 7-06 5F	Engineering Agricultural Wastes, W74-00397 7-01 5D
HALPERN, D.	HAMBLEY, B.	High-Temperature, High-Pressure Extrusion of
Semidiurnal Internal Tides in Massachusetts Bay,	Thickening and Dewatering Sludges Produced in Phosphate Removal,	Chicken Excreta, W74-00418 7-01 5D
W74-00504 7-01 2L	W74-08860 7-17 5D	HAMILTON, J.
HALSALL, B. A. Zonal Centrifugation: Applied Aspects in Elu-	HAMBRICK, P. S. Additions to the West Virginia Ichthyofauna,	Summary Report for a Methodology Study to Develop Evaluation Criteria for Wild and
cidating Chemical and Biological Forms, Dis-	with Comments on the Distribution of Other Species,	Scenic Rivers, W74-07608 7-15 6B
tribution and Availability of Heavy Metals in the Environment,	W74-10800 7-20 2H	HAMILTON, L. C.
W74-12026 7-23 5D	Hybridization Between the Darters Percina	Introduction to Legal, Legislative and Regula-
HALVER, J. E. Influence of Salinity on Protein Requirements	crassa roanoka and Percina oxyrhyncha (Percidae, Etheostomatini), with Comments on	tory Session of National Environmental Protec- tion Symposium,
of Rainbow Trout (Salmo Gairdneri) Fin-		W74-03048 7-06 10B
gerlings, W74-06086 7-12 5C		HAMILTON, L. J. Water Resources of Wisconsin-Menominee-
HALVORSEN, O. Studies of the Helminth Fauna of Norway,	Rotenone Methods in a Large River System, W74-02736 7-06 8I	Oconto-Peshtigo River Basin, W74-12336 7-23 7C
XXVI: The Distribution of Cyathocephalus Truncatus (Pallas) in the Intestine of Brown		HAMILTON, L. S.
Trout (Salmo Trutta L.), W74-08699 7-16 21	Your Lake Insurance Policy,	Water Uses and Water Development in Fall CreekPossible Conflicts, W74-07149 7-14 6B
HALVORSON, A. D.	HAMDAN, A. S.	HAMILTON, R. A.
Saline-Seep Development in Dryland Soils of Northeastern Montana, W74-08300 7-16 3C	Ground Water-Surface Water Systems,	Agricultural Chemicals in Surface Runoff, Ground Water, and Soil: 1. Endrin, W74-02152 7-05 5B
HALVORSON, H. O.	Network Approach to Management of Con-	Determination of Tritium in Waste Processing
Liquid Aerating Rotor Assembly, W74-02042 7-04 5D	junctively Operated Ground Water - Surface Water Systems, W74-07335 7-14 4A	Effluents by Distillation and Liquid Scintilla- tion Emulsion Counting, W74-13134 7-24 5A
HALVORSON, W. L.		
Seasonal Water Potential Changes in Sonorar Desert Shrubs in Relation to Topography, W74-06464 7-12 2	Factors Affecting the Manganese Status in	HAMILTON, R. D. Heterotrophic Utilization of Sucrose in an Artificially Enriched Lake, W74-04781 7-09 5C
HAM, E. A.		
Bibliography and Index of Oklahoma Geology- 1972,	Redescription of Mappates plataxus Rangnekar	Measurement of Adenosine Triphosphate (ATP) in Two Precambrian Shield Lakes of
W74-01916 7-04 2F	W74-04877 7-10 21	Northwestern Ontario, W74-04782 7-09 5B
HAM, R. K. Biological Treatability of Landfill Leachate,	HAMELINK, J. L. Factors Controlling the Dynamics of Non-Ionic	HAMILTON, W. L. Analysis of the Concentration of Microparticles
W74-11857 7-22 5E Chemical Treatment of Leachates from Sanita	Synthetic Organic Chemicals in Aquatic En-	in the Long Ice Core from Byrd Station, W74-06931 7-13 2C
ry Landfills,	W74-07831 7-15 5B	HAMM, D. W.
W74-13305 7-24 5E	HAMERNICK, D.	Statistical Analysis of Hydrograph Charac-
HAMAHATA, K. Evaporating Method and Apparatus, W74-11402 7-21 3A	Relation of Ground Water Quality Information System and Other Systems in Minnesota, W74-00579 7-02 7C	teristics for Small Urban Watersheds, W74-04459 7-09 2A
		HAMM, K. E.
HAMAKER, P. Upward Flow from Shallow Water Tables, W74-06844 7-13 21		Intergovernmental Relations as seen by Florida State Legislators: Land Use and Water Resource Problems,
TARABANIDA N	W74-09913 7-19 6G	W74-06845 7-13 6B

HAMMACK, J.

W74-09073

Dynamic Economic Management of Migratory Waterfowl,

7-17 6B

iamamura, N.
Determination of Nitrate Nitrogen in DrinkingWater by Cadmium-Copper Reduction, (In
Mobilization of Some Metals in Water and
Animal Tissue by NTA, EDTA and TPP,
124.06173
7-12 5B

HAMAMURA, N.

HAMMER, G. L.	HAMPSON, G. R.	HANDA, B. K.
Sulphamerazine Toxicity in Cut-Throat Trout	A Small Oil Spill,	Chemical Composition of Monsoon Rainwater
Broodfish Salmo clarki (Richardson),	W74-05578 7-11 5B	Over Chandigarh in 1971, W74-05130 7-10 2B
W74-11068 7-21 5C	HAMPTON, B. B.	W 74-03130 7-10 2B
HAMMER, R. M.	Annual Compilation and Analysis of Hydrolog-	HANDA, T.
Application and Consequences of Precipitation	ic Data for Green Creek, Brazos River Basin,	Surface Sediments in Hamana Lake, the
Observations in the Republic of Sudan in View	Texas, 1971,	Pacific Coast of Central Japan,
of the Nomadic Life and Economy,	W74-02626 7-05 4D	W74-09751 7-18 2H
W74-02348 7-05 2B	Annual Compilation and Analysis of Hydrolog-	HANDLEY, J.
MANAGER B B	ic Data for Honey Creek, Trinity River Basin,	Sedimentation: An Introduction to Solids Flux
HAMMER, R. R. 1972 Operation of the ICPP Rare Gas Recovery	Texas, 1971,	Theory,
Facility,	W74-01951 7-04 4D	W74-11261 7-21 5D
W74-06822 7-13 5D	A 1 C Nation and Analysis of Hudaslan	TANKE DE D
	Annual Compilation and Analysis of Hydrolog- ic Data for Little Elm Creek, Trinity River	HANDLEY, R. Uptake and Translocation of Sr by Zea mays,
HAMMER, T. R.	Basin, Texas, 1971,	W74-04187 7-08 5C
Effects of Urbanization on Stream Channels	W74-02477 7-05 2E	700 30
and Stream Flow,		HANDMAN, E. H.
W74-05534 7-11 4C	Annual Compilation and Analysis of Hydrolog-	Contour Map of the Bedrock Surface, Ellington
Estimating the Benefits of Stream Valley and	ic Data for Pin Oak Creek, Trinity River Basin, Texas, 1971,	Quadrangle, Connecticut,
Open Space Preservation Projects,	W74-01889 7-04 4D	W74-12631 7-23 7C
W74-04500 7-09 6B	W/4-01003	Contour Map of the Bedrock Surface, Glaston-
	Hydrologic Data for Little Elm Creek, Trinity	bury Quadrangle, Connecticut,
HAMMER, U. T.	River Basin, Texas, 1972,	W74-12630 7-23 7C
Derivation of Daily Phytoplankton Production	W74-12055 7-23 7C	Control Man of the Budget Confere Trails
Estimates from Short-Term Experiments in Some Shallow, Eutrophic Australian Saline	Hydrologic Data for Pin Oak Creek, Trinity	Contour Map of the Bedrock Surface, Tariff-
Lakes,	River Basin Texas, 1972,	ville Quadrangle, Connecticut-Massachusetts, W74-12628 7-23 7C
W74-10812 7-20 5C	W74-11442 7-21 7C	W 74-12026
		Map Showing Depth to Bedrock, Hartford
HAMMERLE, R. H.	Hydrologic Data for Urban Studies in the Fort	South Quadrangle, Connecticut,
The Elemental Composition of the Aerosol in	Worth, Texas, Metropolitan Area, 1972,	W74-12627 7-23 7C
Pasadena, California,	W74-11737 7-22 2F	HANDWERK, R. H.
W74-10994 7-21 5A	HAMPTON, K.	Viscosity Actuated Phase Separating (VAPS),
HAMMON, G. A.	Water Commission Endorses User Pay Con-	For Oil-Water Separations,
Capacity of Water-Based Recreation Systems	cept,	W74-10231 7-19 5G
Part I: The State of the Art - A Literature	W74-04036 7-08 6E	
Review,	HAMPTON, L. D.	HANEKAMP, W. J.
W74-07719 7-15 6B	In Situ Measurement of Sediment Sound Speed	The Economics of the Cattle Feeding Industry
	During Coring,	in Arizona, W74-00758 7-02 6C
Capacity of Water-Based Recreation Systems	W74-00294 7-01 2J	W/4-00/36
PART II: A Systems Approach to Capacity		HANEY, B. J.
Analysis, W74-12364 7-23 6B	HAMPTON, Q. L.	Potable-Water Supply by Means of Upflow Fil-
W 74-12304 7-23 0B	Plant for Waste Water Treatment, W74-12806 7-24 5D	tration (L'Eau Claire Process),
HAMMOND, A. L.	W 74-12800	W74-08210 7-16 5F
Breeder Reactors: Power for the Future,	HANAMOTO, B.	HANEY, J. F.
W74-04656 7-09 8C	Icebreaking by Tow on the Mississippi River,	An In Situ Examination of the Grazing Activi-
HAMMOND, D. L.	W74-13170 7-24 2C	ties of Natural Zooplankton Communities,
Attenuation of Water Waves and Control and	HANAOKA, T.	W74-03276 7-07 5C
Utilization of Wave-Induced Water Move-	Studies on the Mechanisms of Red Tide Occur-	HANF, E. N.
ments,	rence in Hakata Bay, 3. The Characteristics of	In-Process Pollution Abatement: Upgrading
W74-07204 7-14 8B	Effective Bottom Mud and Its Geographical	Metal-Finishing Facilities to Reduce Pollution,
	Distribution Pattern, (In Japanese),	W74-09080 7-17 5G
HAMMOND, L. C.	W74-11341 7-21 5C	** A \$100 07
Effects of Subsurface Asphalt Layers on Corn	HANBY, K. P.	HANF, K.
and Tomato Root Systems, W74-07447 7-14 3F	Subsurface Disposal of Liquid Industrial	The Environmental Impulse and its Competi- fors: Attitudes, Interests, and Institutions at
W14-01441 1-14 31	Wastes in AlabamaA Current Status Report,	Lake Tahoe,
HAMMOND, R. E.	W74-03227 7-07 5E	W74-06843 7-13 6E
Groundwater Occurrence and Movement in the	HANCK, K. W.	
Athol Area and the Northern Rathdrum Prairie,	Determination of the Complexing Capacity of	HANISCH, B.
Northern Idaho,	Natural Water,	Further Purification of Biologically Treated
W74-11730 7-22 2F	W74-04312 7-09 2K	Waste Water Treatment Plant Effluents by Means of Microstrainers (Weiterreinigung
HAMMOND, R. P.	WANCOCK P. D.	Biologisch Behandelter Klaeranlagenablaeufe
Irrigation System,	HANCOCK, F. D.	Mit Hilfe Von Microstrainern),
W74-05928 7-11 3F	Algal Ecology of a Stream Polluted Through Gold Mining on the Witwatersrand,	W74-11856 7-22 5D
	W74-11710 7-22 5C	
HAMMOND, V. L.		Studies on the Suitability of Microstrainers for
Waste Treatment and Handling Processes,	The Ecology of the Diatoms of the Klip River,	the Removal of Suspended Matter from Biolog- ical Clearing Facility Effluents
W74-13108 7-24 5D	Southern Transvaal,	ical Clearing Facility Effluents (Untersuchungen ueber die Eignung des
HAMODA, M. F. D.	W74-01313 7-03 5C	Mikrosiebes zur Entnahme suspendierter
Aerobic Digestion of Organic Sludges Contain-	HANCOCK, L. F.	Stoffe aus den Ablaeufen biologischer Klaeran-
ing Inorganic Phosphorus Precipitates: Phase I,	Optimal State Analysis of Reservoirs,	lagen),
W74-07268 7-14 5D	W74-05167 7-10 6A	W74-09511 7-18 5D

HANKE, S. H.

HANKE, S. H.	HANOWER, P.	HANSEN, L. G.
Potential for Marginal Cost Pricing in Water	Polyphenols of Cotton Leaves and the Effect	Biochemistry of Selective Toxicity and Biodegradability: Comparative O-Dealkylation
Resource Management, W74-08496 7-16 6	on Their Composition of Water and Nutritional Stress (In French),	by Aquatic Organisms,
W/4-08490	W74-13344 7-24 3F	W74-07126 7-14 5C
HANKS, A. R.	HANCET N	HANSEN, L. H.
Gas-Liquid Chromatographic Determination		Effect of Establishment Method, Variety, and
Chlorpyriphos in Dursban Insecticide Formulations.	lation Indicating Suspended Sediment and Bed	Seeding Rate on the Production and Quality of
W74-01405 7-03 5	Sediment,	Alfalfa Under Dryland and Irrigation, W74-08077 7-15 3F
	W74-11542 7-22 2J	W74-08077 7-15 3F
Uptake and Accumulation of an O		HANSEN, T. A.
ganochlorine Insecticide (Dieldrin) by a Estuarine Mollusc, Rangia Cuneata,	Digital-Model Study of Ground-Water Hydrolo-	Rhodopseudomonas Sulfidophila, Nov. Spec.,
W74-06031 7-12 5	gy, Columbia Basin Irrigation Project Area,	A New Species of the Purple Nonsulfur Bac- teria,
, 12	Washington,	W74-01544 7-03 5B
HANKS, J. H.	W74-08382 7-16 2F	
Quantitative Extraction of Adenosis Triphosphate From Cultivable and Host-Grow	HANSEN, B. P.	HANSEN, T. D. Floating Sheets of Foam Rubber for Reducing
Microbes: Calculation of Adenosis	Hydrology and water Resources of the Deer-	Stock Tank Evaporation,
Triphosphate Pools,	field River Basin, Massachusetts,	W74-06458 7-12 3B
W74-03570 7-07 5	W74-13016 7-24 7C	MANORN W. B.
	Hydrology and Water Resources of the Hoosic	HANSEN, W. R. Storm of May 5-6, 1973, in the Denver Metro
HANKS, R. J.	River Basin, Massachusetts,	Area: Frequency and Effect,
An Evaluation of Farm Irrigation Practices as Means to Control the Water Quality of Retu		W74-05171 7-10 2E
Flow,	HANSEN, C. M.	WANGON O W
W74-11681 7-22 3		HANSON, C. H. Toxicity of Chlorine and Heat to Pink
	Barriered Landscape Water Renovation	(Oncorhynchus Gorbuscha) and Chinook Sal-
Model for Estimating Soil Water, Plant, as	. Systems for Animal Wastes,	mon (O. Tshawytscha),
Atmospheric Interrelations: I. Description as Sensitivity,	W74-09695 7-18 5D	W74-13080 7-24 5C
W74-08084 7-15 2	G Soil Modification for Dentrification and	HANSON, D. L.
	Phosphate Reduction of Feedlot Waste,	Recovery of Standing Crop and Production
Model for Estimating Soil Water, Plant, a		Rate of a Brook Trout Population in a Flood-
Atmospheric Interrelations: II. Field Test Model,	HANSEN, D. H.	Damaged Stream,
W74-08085 7-15 2		W74-13095 7-24 5C
	tains, Utah,	HANSON, J. N.
Trickle Irrigation Soil Water Potential as I		Preliminary Studies Using Synthetic Polymers
fluenced by Management of Highly Sali Water,	HANSEN, D. J.	to Reduce Turbidity in a Hatchery Water Supply,
W74-10292 7-19		W74-11942 7-22 5C
	Embryos and Fry of Sheepshead Minnows	
HANN, R. W. JR.	(Cyprinodon Variegatus),	HANSON, K. J.
Benthic Oxygen Demands of Houston Sh	ip W74-13082 7-24 5C	Oceanographic Features in the Lee of the Windward and Leeward Islands: ERTS and
Channel Sediments, W74-06073 7-12	HANSEN, D. V.	Ship Data,
W 74-00073	Estuarine Circulation Induced by Diffusion,	W74-06674 7-13 2E
Hymo: Problem-Oriented Computer Langua	ge W74-01222 7-03 2L	HANSON, L.
for Hydrologic ModelingUsers Manual,	Gravitational Circulation in Straits and Estua-	Needs and Uses for a Ground Water Quality
W74-02469 7-05	ries,	Data System,
HANNA, J. W.	W74-00029 7-01 2L	W74-00573 7-02 7A
Development of Criteria for Evaluating Urb	AR WANCEN D. V. AND	HANSON, L. E.
River Settings for Tourism-Recreation Use,	HANSEN, D. V. AND New Dimensions in Estuary Classification,	Leptospires from Water Sources at Dixon
W74-12866 7-24	W74-04735 7-09 2L	Springs Agricultural Center,
HANNA, K. M.		W74-13160 7-24 5A
Hardened Portland Cement Pastes of L	HANSEN, E.	HANSON, T. L.
Porosity, Part 5: Compressive Strength,	Numerical Simulation of the Rainfall-Runoff Process on a Daily Basis,	Upper Eel River Development. Investigation of
W74-09522 7-18	8F W74-01127 7-03 2A	Alternative Conveyance Routes,
HANNA, W. J.		W74-03503 7-07 6B
Correlation of ERTS Multispectral Image	HANSEN, E. A.	HANSON, W. C.
with Suspended Matter and Chlorophyll		Ecological Considerations of Depicted Claim-
Lower Chesapeake Bay,	W74-09404 7-18 6B	um Munitions,
W74-06667 7-13	2L	W74-13122 7-24 5C
HANNAH, R. P.	A Groundwater Profile Sampler,	HANSSEN, N. S.
Nutrient-Productivity Relationships in a Bay	W74-07523 7-14 2F	Enquire revenue treatment,
Estuary,	HANSEN, E. H.	W74-02042 7-04 5D
W74-06160 7-12	Sc Selectrode - the Universal Ion-Selective Elec-	HANSSON, I.
THA MALERY T	trode. Part VI. The Calcium (II) Selectrode Em-	Evaluation of the Accuracy of Gran Plots by
HANNERZ, L. Experimental Investigations on the Accumu	ploying a New Ion Exchanger in a Nonporous Membrane and a Solid-State Reference	Means of Computer Calculations. Application to the Potentiometric Titration of the Total Al-
tion of Mercury in Water Organisms,	System,	kalinity and Carbonate Content in Sea Water,
W74-11704 7-22		W74-01365 7-03 2K

The Fish Populations of an Industrial River in

HARDAN, A.

Effect of Soil Salinity on the Rate of Evapora-

HARCUP, M. F.

South Wales, W74-12263

A New Set of Acidity Constants for Carbonic Acid and Boric Acid in Sea Water, W74-00046 7-01 5A

Methylmercury-Induced Chromosome Damage in Man,

HANSSON, K.

Fallout Program Quarterly Summary Report -June 1, 1973, Through September 1, 1973, Ap-

Fallout Program--Quarterly Summary Report, September 1, 1973, through December 1, 1973,

pendix, W74-05175

7-23 5C

W74-12503	7-23 5C	tion,		W74-09869	7-19 5A
		W74-12846	7-24 2G		
HANST, P.		HARDCASTLE, J. E.		Health and Safety Laboratory F Quarterly Summary Report -	
The RAPS Program,	7-20 5A	Uptake of Mercuric Chlorid	e and Methylmer-	1973 Through March 1, 1974,	December 1,
W74-10777	7-20 3A	cury Chloride from Liquid !		W74-08954	7-17 5B
HANST, P. L.		lus niger and Penicillium nota		W 74-06934	7-17 3B
A Spectroscopic Study of Pasad	ena Smog	W74-11877	7-22 5C	Health and Safety Laboratory F	allout Program
W74-10995	7-21 5A		,	Quarterly Summary Report -	
W 74-10333	1-21 JA	HARDEE, H. C.		1973 Through March 1, 1974, (A)	
HANTGE, E.		Ice Melting ExperimentsA	Model Study for	W74-08956	7-17 5A
Determination of the BOD5 in	Running Waters	Burial of Radioactive wastes	,		
by Means of Biological Water A		W74-09868	7-19 5D	HARDY, J. D. JR.	
W74-11546	7-22 5A			Amphibians of the Chesapeake I	lay Region,
		HARDER, J. A.		W74-00917	7-02 2L
HANUS, F. J.		The Analysis of Harbor and			
Applicability of the Rever		W74-04745	7-09 2L	Reptiles of the Chesapeake Bay	
Technique to Marine Microbial		Multipurpose Water Relate	d Development in	W74-00918	7-02 2L
W74-02971	7-06 5A	Urban Areas,	a Development in	HARDY, J. T.	
HANDE H		W74-12226	7-23 4A		ananta Marina
HANUS, H.	Cl Clh1	***************************************		Phytoneuston Ecology of a Ter	aperate Marine
Influences of Soil Density,		HARDIGREE, A. A.		Lagoon,	201 10
Humus Content on Measure		Effect of Nitrilotriacetic Ac	cid on Growth and	W74-02985	7-06 5C
Water by Neutron Gauges, (In		Mating in Strains of Escheric	chia Coli K-12,	Spectral Absorption of Solar R	adiation in Al-
W74-04556	7-09 2G	W74-02102	7-04 5C	pine Snowfields,	admitton in Ai-
HANZAWA, M.				W74-01626	7-03 2C
Clarification of NSC Waste L	iquor by Active	HARDIN, B. D.		W /4-01020	1-03 20
Carbon, Etc., (In Japanese),	iquoi by Active	Culturing and Ecology of I	Diaptomus Clavipes	HARDY, L. H.	
W74-00785	7-02 5D	and Cyclops Vernalis,	*** **	Relation Between Total Body W	eight and Con-
W 74-00783	1-02 3D	W74-12213	7-23 SC	centrations of Manganese, Iron.	
Clarification of NSSC Spent I	iguor with Ac-	HARDIN, G.		and Mercury in White Musc	
tivated Sludge and Coagulants (Growth and QualityTechno	logy's Dilamma 2	(Pomatomus saltatrix) and A I	
W74-12946	7-24 5D	Ecology and Growththe Tr		Fish Antimora Rostrata,	atily i Dimersal
		W74-12778	7-24 6B	W74-01413	7-03 5B
HAPPEL, L.		W 14-12/16	7-24 OB		7-05 56
Implementation of Citizen Par	ticipation in the	HARDING, G. C. H.		HARE, C. R.	
Municipal Process,		Decomposition of Marine Co	opepods.	Chemical Relationships Bet	ween Surface
W74-12468	7-23 6G	W74-02973	7-06 5A	Water and the Ground in South	
				W74-01153	7-03 2K
HAQUE, R.		HARDING, T. P.			
Effects of pH, Light and Tem	perature on Car-	Energy Production,		HARENBERG, W. A.	
baryl in Aqueous Media,		W74-07967	7-15 6D	A Reconnaissance of the Water	
W74-00056	7-01 5B	HARRISON C. H		the Pahsimeroi River Basin, Idal	
		HARDISON, C. H. Generalized Skew Coeffi		W74-00356	7-01 2E
HARADA, H. M. JR.					
A Modified Filtration Method		Floods in the United States	and Their Applica-	HARGER, J. R. E.	
of Wastewater Suspended Solid		tion,	7-21 2E	An Experimental Investigation	
W74-01318	7-03 5A	W74-11420	7-21 2E	Pulp Mill Effluent on Structur	
HADACAN D. D.		Probability Distribution of E	xtreme Floods.	Communities in Alberni Inlet,	
HARAGAN, D. R. Precipitation Augmentation-	Droblems and	W74-09398	7-18 4A	bia. Part 1: Subtidal Communitie	
Progress.	Problems and	11 14 03330		W74-05047	7-10 5C
W74-09198	7-17 3B	HARDISTY, M. W.		Marine Intentidal Communitor	D
W /4-09198	/-1/ 3B	Ecological Implications of F	leavy Metal in Fish	Marine Intertidal Community	Responses to
HARALICK, R. M.		from the Severn Estuary,		Kraft Pulp Mill Effluent,	
Combined Spectral and Spatis	al Processing of	W74-11325	7-21 5C	W74-11306	7-21 5C
ERTS Imagery Data,	ii i iocessing of			HARGIS, D. R.	
W74-06660	7-13 7C	HARDWICK, J. D.		Effects of Well Injection on a B	acaltic Chyban
W 74-00000	1-13 10	Flow-Induced Vibration of V		Herzberg Aquifer,	asalue Onyben-
HARALSON, R. H.		W74-08058	7-15 8C	W74-06264	7-12 5B
Some Useful Ideas on Waste W	ater Reduction.	HADDY D.M.		W 74-00204	7-12 3B
W74-08355	7-16 5D	HARDY, D. M.	mulation	HARGRAVE, B. T.	
	. 10 32	Aquatic and Atmospheric Si W74-02003	7-04 5B	Coupling Carbon Flow Throug	h Some Pelagic
HARBAUGH, J. W.		W 74-02003	7-04 3B	and Benthic Communities.	. come renigie
Computer Simulation of Shallo	w-Water Marine	HARDY, E. P. JR.		W74-01437	7-03 5B
Sedimentation,		Fallout Program Quarterly	Summary Report.		. 03 313
W74-03109	7-06 2J	(Health and Safety Labor		Crawling and Respiration	s Indices of
		York),	,	Sublethal Effects of Oil and A I	
HARBOE, R.		W74-05174	7-10 5A	Intertidal Snail Littorina Littore	
A Case on Transfer of Know				W74-06084	7-12 5C
Resources Systems Planning fr		Fallout ProgramQuarterly			
Region to a Developing ()ne, and from	January 1, 1973, through	December 1, 1973,	Effects of Copepod Grazing of	n Two Natural
Research to Application,		Appendix,		Phytoplankton Populations,	
W74-00211	7-01 10A	W74-09870	7-19 5A	W74-08726	7-17 5C

HARGRAVES, W. J.

HARGRAVES, W. J. Aerobic Sewage Treatment, W74-05896 7-11 5D	HARLAN, S. An Analytical Method for Total Heavy Metal Complexing Agents in Water and its Applica-	HARMON, B. G. A Recycled Feed Source From Aerobically Processed Swine Wastes,
	tion to Water Quality Studies, W74-02658 7-06 5A	W74-00412 7-01 5D
HARGROVE, J. L. New Concepts in the Law of the Sea, W74-02497 7-05 6E	Coal Humates for the Removal of Water Pollu-	HARMS, L. L. Quantification of Pollutants in Agricultural Runoff,
HARGROVE, S. H.	W74-10993 7-21 5D	W74-08942 7-17 5B
Agricultural Water Allocation, Land Use, and Policy, W74-00186 7-01 3F	Effect of Ascorbic Acid on Cadmium Toxicity	HARNACK, R. D. The Use of Groundwater in Minnesota, W74-00568 7-02 4B
	in the Young Coturnix, W74-07707 7-15 5C	
HARICHAUX, P. Mechanism of Respiratory Exchanges in Aquatic Environment: A General Review In-	HARLEMAN, D. R. F. Analytical Modeling of Estuarine Circulation,	HARNETT, J. P. Compost for Removing Oil Films from Water, W74-03658 7-07 5D
cluding Personal Results, W74-10713 7-20 5A	W74-00386 7-01 2L	HAROLD, P. J.
HARIHARAN, V. Some Studies on Wave Refraction in Relation	Characteristics of Condenser Water Discharge on the Sea Surface (Correlation of Field Obser- vations with Theory),	Provenances and Dispersal Patterns of Tur- bidite Sand in Escanaba Trough, Northeastern Pacific Ocean,
to Beach Erosion Along the Kerala Coast, W74-00506 7-01 2:	W74-05700 7-11 5A	W74-01720 7-04 2J
W74-00506 7-01 2. HARKER, R. P. The Pudsey Project,	The Computation of Tides and Currents in Estuaries and Canals: Appendix A: A User's Manual,	HARP, G. L. Qualitative and Quantitative Variation of Net Plankton of Craighead Lake, W74-00075 7-01 2H
W74-10041 7-19 5E	W74-06312 7-12 2L	
HARKIN, J. M.	Tidal Dynamics in Estuaries. Part II: Real	HARP, J. F. An Innovative Automatic Stream Gaging
Bacterial Protein from Paper Mill Sludges, W74-02282 7-05 5H	Estuaries, W74-04953 7-10 2L	Method, W74-07181 7-14 7B
HARKINS, J. R.	HARLETT, J. C.	HARPER, P. P.
Surface-Water Availability, Colbert County Alabama.	The Effect of Waves on the Profile of a Natural Beach, W74-04620 7-09 2J	Emergence, Reproduction, and Growth of Setipalpian Plecoptera in Southern Ontario,
W74-08187 7-16 4A	Observations and Analysis of Bottom Turbid	W74-01359 7-03 5A
Surface-Water Availability, Etowah County Alabama, W74-08190 7-16 4/	Layers on the Oregon Continental Shelf, W74-07632 7-15 2J	HARREL, R. C. Limnological Studies on a Southeast Texas Meander Scar Lake,
W 74-06190 7-16 4/	Suspended Sediment Transport on the	W74-01828 7-04 5C
Surface-Water Availability, Limestone County Alabama,	W74-01956 7-04 2J	Macrobenthos as Indicators of Ecological Change,
W74-08189 7-16 4	HARLEY, M. H.	W74-10534 7-20 5B
Surface-Water Availability, Talladega County Alabama, W74-11767 7-22 70	ing Scheme,	HARRINGTON, F. E. Effluent Control in Fuel Reprocessing Plants, W74-13127 7-24 5D
HARVING I D AND	HARLIN, C. C. JR.	
HARKINS, J. R. AND Surface-Water Availability, Lauderdale County, Alabama,	Experiences With Land Spreading of Municipal Effluents,	HARRIS, A. Treatment of Water or Aqueous Systems, W74-13256 7-24 5D
W74-04494 7-09 21	W74-11850 7-22 5D	HARRIS, A. J.
HARKINS, R. D. An Objective Water Quality Index.	HARLOW, D. Establishment, Test, and Evaluation of a Proto-	Treatment and Disposal of Chemical Phosphate Sludge in Ontario,
W74-09436 7-18 50	type Volcano-Surveillance System, W74-01698 7-04 7B	W74-09447 7-18 5D
HARKNESS, A. M.	HARLOW P. H.	HARRIS, A. R.
Practical Methods for Derivatizing and Analyzing Bacterial Metabolites with a Modified Auto	traction,	A Groundwater Profile Sampler, W74-07523 7-14 2F
matic Injector and Gas Chromatograph, W74-01336 7-03 5/	W74-10087 7-19 4B	HARRIS, C. D. Thermal PollutionA Growing Concern, W74-10698 7-20 5G
HARKNESS, N. The Determination of Vegetable and Minera	The Efficacy of Quinaldine Sulfate as an	HARRIS, C. L.
Oils in the Effluents and Sewage Sludges of th Upper Tame Basin,	W74-10388 7-20 8I	Sigma-Inductive Model vs. Field Model. Observation of a Reversed Attenuation Effect,
W74-10818 7-20 5/	Residue of Quinaldine in Ten Species of Fish Following Anesthesia With Quinaldine Sulfate,	W74-00323 7-01 2K
HARLAN, P. W. Soil-Water Regimes in Brookston and Crosb	W74-10389 7-20 5C	HARRIS, C. R. Organochlorine Insecticide Residues in Streams
Soils,	Prospective Costs of Adjusting to a Declining	Draining Agricultural, Urban-Agricultural, and Resort Areas of Ontario, Canada - 1971,
W74-11899 7-22 20 HARLAN, R. L.	Water Supply: Texas High Plains, W74-09242 7-17 6D	W74-00070 7-01 5B
Analysis of Coupled Heat-Fluid Transport is	HARMESON, R. H.	HARRIS, D. G. Measurement of Leaf Water Potential in Wheat
Partially Frozen Soil, W74-00369 7-01 20	Quality of Surface Water in Illinois, 1966-1971,	with a Pressure Chamber, W74-10811 7-20 3F

Photosynthesis, Diffusion Resistance and Rela-Overburden Related to Type of Bedrock and HARRISON, P.

tive Plant Water Content of fluenced by Induced Water Stre		Engineering Characteristics of the Bedrock, Knox County, Tennessee,	The Land Water Interface in an Urban Region: A Spatial and Temporal Analysis of the Nature
W74-13457	7-24 3F	W74-01144 7-03 7C	and Significances of Conflicts Between Coastal
HARRIS, D. H.		HARRIS, L. F.	Uses, W74-05872 7-11 6B
The Social Dimensions of V	Water-Resources	A Study of Morphology, Provenance, and	
Planning, W74-10416	7-20 6B	Movement of Desert Sand Seas in Africa, Asia,	HARRISON, S. H.
W /4-10416	7-20 GB	and Australia, W74-01697 7-04 7C	Water Sampling, W74-10975 7-21 5B
HARRIS, D. L.			W14-107/3
Characteristics of Wave Record	ds in the Coastal	The Use of Photographic Methods in Contrast	HARRISON, W.
Zone, W74-00033	7-01 2H	Enhancement of ERTS-1 Images, W74-06704 7-13 7C	A Time Series from the Beach Environment,
	7-01 211	W/4-06/04 /-13 /C	W74-00017 7-01 2J
HARRIS, D. O.	de in Value	HARRIS, P. C.	HARRISON, W. G.
Inhibition of Oxygen Evolu- globator by Culture Filtrates		Model and Prototype Analysis of the Old River	Nitrogen Budget of a North Carolina Estuary,
morum,	Tom Tandorma	Diversion on the Mississippi River, W74-05961 7-12 8B	W74-05954 7-12 5C
W74-00728	7-02 5C	W 14-03701 7-12 6B	HARRISON, W. W.
A Study of Water-Soluble I	Inhibitory Com-	HARRIS, R. F.	The Determination of Boron in Solution to Sub-
pounds (Algicides) Produced		Potential of an Eroding Urban Soil for the Phosphorus Enrichment of Streams: I. Evalua-	p.p.b. Concentrations by Hollow-Cathode Emission.
Algae,		tion of Methods,	W74-05468 7-11 5A
W74-05537	7-11 5C	W74-03438 7-07 5B	711 311
HARRIS, E. J.			HARRISS, R. C.
Arsenic Content of Fish from	New York State	HARRIS, R. H. Is the Water Safe to Drink. Part 1: The	Influence of Mineral-Water Reactions in Estua- ries on Boron Budget in the Oceans,
Waters,		Problem.	W74-07227 7-14 2L.
W74-01900	7-04 5C	W74-10897 7-20 5F	
Effect of Rate and Duration	of Feeding DDT	HARDIC D. I	Mechanisms Controlling Pore Water Salinities
on the Reproduction of S		HARRIS, R. L. Littoral Bypassing and Beach Restoration in	in a Salt Marsh, W74-02761 7-06 2K
Reared and Held Under Contro W74-11933		the Vicinity of Port Hueneme California,	W/4-02/01
W /4-11933	7-22 5C	W74-03694 7-07 8B	Mercury Organic Matter Associations in
Trace Metals in New York Stat			Estuarine Sediments and Interstitial Water,
W74-11934	7-22 5C	HARRIS, R. P. The Role of Organic Debris and Associated	W74-11122 7-21 5B
HARRIS, G. H.		Micro-Organisms in Pelagic Estuarine Food	Methylmercury in Estuarine Sediments,
Priminary System Develope	ment, Chemical	Chains,	W74-03602 7-07 5B
Hazards Response Inform	nation System	W74-08837 7-17 5C	Trace Elements in Marine Shrimp.
(CHRIS),	7-02 5B	HARRIS, R. W.	W74-07806 7-15 5C
W74-01092	7-02 JB	Crater-Sink Sand Transfer System,	
HARRIS, G. P.		W74-02705 7-06 8A	HARROLD, L. L. Instrumentation Considerations for Studies of
Diel and Annual Cycles of		HARDIC C	Quality of Runoff From Small Agricultural
Photosynthesis in Lake Ontario W74-06083	7-12 5C	HARRIS, S. Distribution of Vallisneria spiralis L. in the	Watersheds,
		River Lea Navigation Canal (Essex-Hert-	W74-11545 7-22 7B
Light Intensity and Photosys	nthetic Rates in	fordshire Border),	HARROLD, T. W.
Phytoplankton, W74-06082	7-12 5C	W74-06072 7-12 21	The Accuracy of Radar-Derived Rainfall Mea-
***************************************	7-12 50	HARRIS, W. F.	surements in Hilly Terrain,
Observations of Langmuir Circ	culations in Lake	Effects of Ionizing Radiation on Processes In-	W74-13009 7-24 2B
Ontario, W74-00831	7-02 2H	fluencing Tolerance of Tree Seedlings,	HARSANYI, E.
W /4-00831	7-02 2H	W74-07815 7-15 5C	Enhancement of Sensitivity for Determination
HARRIS, L. A.		Environmental Monitoring of Toxic Materials	of Mercury in Waters,
Development of High Se Fluorescence for Analysis of		in Ecosystems,	W74-03080 7-06 5A
ments,	Trace Toxic Ele-	W74-12023 7-23 5B	HARSANYI, E. G.
W74-12912	7-24 5A	HARRIS, W. F. JR.	Determination of Mercury in Water by the
MARRIE I D		Environmental Geology and Hydrology, Madis-	Flameless Atomic Absorption Method (Higany
HARRIS, L. D. Areas of Possible Flooding is	n Knox County	on County, Alabama: Water Resources,	meghatarozasa vizben lang nelkuli atomab-
Tennessee,	a knox county,	W74-04911 7-10 4B	szorpcios modszerrel), W74-10819 7-20 5A
W74-01269	7-03 7C	Water Availability and Geology in Marion	W 74-10619 7-20 3A
Areas with Abundant Sinkhole	es in Knox Coun-	County, Alabama,	HARSH, J. F.
ty, Tennessee,	o in Know Coun-	W74-03810 7-08 4B	Hydrologic Engineering Methods for Water
W74-01270	7-03 7C	HARRISON, C. H.	Resources Development: Volume 10. Principles of Ground-Water Hydrology,
Categories of Relative Feasil	hility for Sentic-	Research Findings and the Design Engineer,	W74-11232 7-21 8B
Tank Filter Fields in Knox Cou		W74-00201 7-01 10A	
W74-01145	7-03 7C	HADDISON D. B.	HART, F. L.
An Ecological Description of	n Cami Asid East	HARRISON, D. P. The Dispersion of Continuously Injected Ef-	Quick-Time Instrumental Measurements of Wastewater Organic Characteristics,
An Ecological Description of a African Ecosystem,	a semi-And East	fluents in Open Channels,	W74-02170 7-05 5A
W74-03923	7-08 2I	W74-07833 7-15 5B	
Engineering Characteristics of	of Overhunden in	HARRISON, L. J.	HART, H. C. Toward a Political Science of Water Resources
Knox County, Tennessee,	d Overourden in	Flood Damage in South Dakota,	Decisions,
W74 01143	7.03 70	W74.00304 7.18 2E	W74-13063 7-24 6P

HART, I. C.

The Design of Sampling Programmes for Rivers	HARTGE, K. H. Model Experiments Showing Transport of Fine Material in Soil Pores (In German),	HARTWELL, J. M. Detergent Phosphate and Eutrophication in Australia,
and Effluents, W74-10576 7-20 7A	W74-13402 7-24 2G	W74-00718 7-02 5C
Forecasting Pollution in Rivers, Estuaries and	HARTIGAN, J. P. JR.	HARVEY, A. C.
the Sea,	Land Disposal of Waste Water: Processes,	Centrifuge Coalescer Concept for Separating
W74-12116 7-23 5B	Design Criteria, and Planning Considerations, W74-11569 7-22 5D	Oil from Water Discharged from Ships, W74-09203 7-17 5G
Nutrient Budgets in Rivers,	TIA DOTED N	HARVEY, A. G.
W74-03947 7-08 5C	HARTLER, N. Pulp Mill Water System Closure,	Measurement of Moisture Diffusivity of Wet
IART, R. A.	W74-12411 7-23 5D	Swelling Systems,
A Model for Chemical Exchange in the Basalt-		W74-04493 7-09 2G
Seawater System of Oceanic Layer II, W74-00097 7-01 2K	HARTLEY, E. R. Recycled Water.	HARVEY, B. I.
W/4-0009/	W74-03976 7-08 5D	A Computer System for Storage and Retrieval
IART, R. D.		of Hydrogeological Data from Well Records,
Static Leaching Studies on Pulpwood Bark Residues,	HARTMAN, C. W.	W74-07328 7-14 7C
W74-13276 7-24 5B	Water Balance of a Small Lake in a Permafrost Region,	HARVEY, E. J.
	W74-03758 7-08 2H	Water Resources of Northwestern Missouri,
IART, W. E.		W74-06961 7-13 7C
Subsurface Distribution of Nonuniformly Applied Surface Waters,	HARTMAN, J. L.	HARVEY, G. R.
W74-05671 7-11 3F	Evaluation of Ion Exchange Processes for Treatment of Mine Drainage Waters,	Observations on the Distribution of Chlorinated
,	W74-08341 7-16 5D	Hydrocarbons in Atlantic Ocean Organisms,
IARTBERG, W. K.		W74-11484 7-22 5B
Aedes aegypti and Aedes simpsoni Breeding in Coral Rock Holes on the Coast of Tanzania,	HARTMAN, M.	HARVEY, H. R.
W74-04697 7-09 2I	The Use of Ion Specific Electrodes for Chemi- cal Monitoring of Marine Systems: Part IThe	The Application of Photo-Oxidation to the
	Ammonia Electrode as a Sensitive Water Quali-	Determination of Stable Cobalt in Sea Water,
AARTER, R. D.	ty Indicator Probe for Recirculating Maricul-	W74-05473 7-11 5A
Adsorption of Lysozyme and Ovalbumin by Clay: Effect of Clay Suspension pH and Clay	ture Systems,	HARVEY, P.
Mineral Type,	W74-09220 7-17 5A	High-Rate Multi-Media Filtration,
W74-10246 7-19 2G	HARTMANN, C. H.	W74-07261 7-14 5D
Adsorption of Phosphorus by Lake Sediment,	Automated Gas Chromatographic Analysis of	HARVEY, R. M.
W74-10642 7-20 5C	Sulfur Pollutants,	Nutrient Removal Using Lemna Minor,
	W74-12690 7-23 5A	W74-01321 7-03 5C
Adsorption Studies at Solid-Solution Inter- faces,	HARTMANN, R. T.	HARVEY, R. S.
W74-08240 7-16 5B	Some Characteristics of an Oscillatoria- Dominated Metalimnetic Phytoplankton Com-	Temperature Effects on the Sorption of Radionuclides by Aquatic Organisms,
Determination of Clay Surface Acidity by In-	munity,	W74-12048 7-23 5C
frared Spectroscopy,	W74-06081 7-12 5C	HARVEY, W.
W74-10643 7-20 2G	HARTNETT, M. A.	Protection of the Environment During Demoli-
Effect of Acidity on Reactions of Organic	A Study of the Factors Determining the Ox-	tion Activities,
Acids and Amines with Montmorillonitic Clay	ygen Uptake of Benthal Stream Deposits, W74-02451 7-05 5C	W74-11208 7-21 5G
Surfaces,	W 74-02431 7-03 SC	HASAN, S. B.
W74-10244 7-19 5B	HARTSHORN, G. S.	Irrigation Waters of the Indus Plains and Their
Effect of Exchange Cations on Adsorption of	Vegetation and Soil Relationships in Southern	Salt Load,
Lysozyme and Ovalbumin by Smectite,	Beaufort County, North Carolina, W74-08150 7-15 2K	W74-01639 7-03 3C
W74-08241 7-16 5B	W 74-00130	HASEGAWA, K.
Effect of Salt Content of Equilibrium-Solution	HARTUNG, R.	On the Variation of Salinity Distribution in a
on Formation and Stability of Smectite-Protein	The Determination of Mono- and Dimethylmer- cury Compounds by Gas Chromatography,	Reservoir, Situated in Reclaimed Land,
Complexes, W74-08242 7-16 5B	W74-06792 7-13 5A	(Japanese), W74-02246 7-05 2H
Formation of Clay-Protein Complexes,	Research Needs: Study of the Environmental Dynamics of Mercury,	HASEGAWA, Y.
W74-10245 7-19 2G	W74-06798 7-13 5B	Cultivation of Laminaria in Japan, W74-12292 7-23 3F
The Measurement of the Heat of Reaction		7-25 31
Between Proteins and Montmorillonite by	The Role of Food Chains in Environmental Mercury Contamination.	Forced Cultivation of Laminaria,
Microcalorimetry, W74-08243 7-16 5B	W74-06795 7-13 5B	W74-12397 7-23 3F
W74-08243 7-16 5B		HASH, C.
Surface Water Pollution Contract Studies: Ad-	HARTWELL, A.	Water Resource Development Problems in a
sorption of Complex Organic Molecules by	Investigations Performed on the Arctic Ice Dynamics Joint Experiment, March 1971,	Rural Area in Transition, W74-00173 7-01 6A
Suspended Clay, W74-08239 7-16 5B	W74-06716 7-13 2C	7-01 6A
		HASHIMOTO, A. G.
X-Ray Diffraction, Electron Microscopy, Elec-	HARTWELL, A. D. Airphoto Analysis of Ice Deformation in the	Pilot Plant Comparison of Liquid and Dry Waste Management Systems for Poultry
trophoretic Mobility, and pH of some Stable Smectite-Protein Complexes,	Beaufort Sea,	Manure,
W74-10641 7-20 2G	W74-06720 7-13 2C	W74-09709 7-18 5D

tramicro-Determination of Aromatic Com-

Mercury in Aquatic Birds at Clay Lake, Western Ontario, W74-12717 7-23 5C

Evaluation of Scaling Tendencies,

pounds, W74-02397

HATCH, G. B.

7-24 5C

HATCH, D. R. M.

HAUG, A.

HAUGEN, D. P.

7-05 5A

7-23 5C

HASHIMOTO, D. Y.

Lake Biwa, (In Japanese), W74-02935

Laboratory, W74-13079

Effects of Antibodies on Survival of Carangid

Fish Larvae (Caranx Mate), Reared in the

HASHIMOTO, K.
On the Water Quality of Lake Biwa, The Seta
River and some Rivers in Otsu City and the
Heavy Metal Content of Bottom Matters of

Studies on the Phytoplankton Ecology of the Trondheimsfjord. I. The Chemical Composition of Phytoplankton Populations, W74-06545 7-13 5C

The Arctic Data Buoy, A System for Environ-mental Monitoring in the Arctic, W74-01158

W74-02935	7-06 5B	W74-07893	7-15 8G	HAUGEN, J. C.		
				Coastal Sand Mining in Northern (Californ	nia,
HASHIMOTO, S. Reduction of Water Pollution by	Biological	Unusual Cases of Copper Corrosion, W74-05097	7-10 8G	U.S.A., W74-03371	7-07	8C
Denitrification,	7.04 CD	HATCH I T		HAUGEN, R. K.		
W74-12808	7-24 5D	HATCH, L. T. Chemical/Physical and Biological Tro	antment of	An ERTS View of AlaskaRegional	Anab	veie
наѕнімото, у.		Wool Processing Wastes,	eatment of	of Earth and Water Resources Based		
Qualitative Requirements of Young	Eels An-	W74-09064	7-17 5D	lite Imagery,		
guilla japonica for Water-Soluble Vit	amins and	W 74-05004	7-17 30	W74-10251	7-19	7B
Their Deficiency Symptoms,		HATCHER, R. F.				
W74-07006	7-13 5C	Investigations of Freshwater	Surface	HAUPT, C. A.		
HASIT, Y.		Microlayers,		Combined Sewer Overflow for The River Conference.	e Hud	son
Capital Cost Minimization of Drai	nage Net-	W74-05410	7-11 5A	W74-05112	7-10	sn.
works,		HATFIELD, H. F.		W 74-03112	7-10	30
W74-07309	7-14 4A	The Effect of the Brunner Island Si	team Elec-	HAUPT, H. F.		
		tric Station's Condenser Discharge		The Release of Water from Forest S	nowpa	icks
HASKELL, E. H.		the Aquatic Life in the Susquehanna		During Winter,		
State Governments Tackle Pollution, W74-12465	7-23 6G	W74-04228	7-08 5C	W74-08761	7-17	2C
W 74-12403	7-23 GG			HAURY, A. G.		
HASKELL, E. H. AND		HATHAWAY, J. C.	tuanian and	Equipment and Instrumentation,		
State Environmental Management,	Case Stu-	Regional Clay Mineral Facies in Est Continental Margin of the United S		W74-07660	7-15	5B
dies of Nine States,		Coast.	states East			
W74-04503	7-09 5G	W74-07237	7-14 2L	HAUSCHILD, A. H. W.		
HASLER, A. D.		111101231	7-14 22	Inability to Detect Spores of Clostrid		otu-
Biological Investigations of Lake Win	nora.	HATHAWAY, S. W.		linum in Fish Protein Concentrates (F		
W74-00833	7-02 5C	Lime Stabilization of Primary Sludge	es,	W74-06058	7-12	3A
		W74-07760	7-15 5D	HAUSER, T.		
HASSAN, A. A.		TARREDO DE DE		Polychlorinated Biphenyl Residues	in Hur	man
Role of Models in Groundwater Man		HATTERSLEY, R. Regional Water Authorities: Org	onizational	Plasma Expose a Major Urban		
W74-05680	7-11 4B	Patterns-Purpose or Professional,	ganizational	Problem,		
Water Quality CycleReflection of	Activities	W74-07754	7-15 5G	W74-02078	7-04	5B
of Nature and Man.		W 14-01154	7-13 30	HAUSHILD, W. L.		
W74-04263	7-08 5B	HATTON, J. W.		Distribution of Radionuclides in the	Colum	nhia
		Ground Subsidence of a Geothermal	Field Dur-	River Streambed from the Nuclear		
HASSAN, A. H. Contributions to the Water Relation	of Olive	ing Exploitation,		Hanford Reservation to Longview,		
Under Semi-Arid Conditions,	is of Olive	W74-09010	7-17 4B	ton,		
W74-13382	7-24 2D	HATTORI, A.		W74-06272	7-12	5B
1174 13302	, 24 25	Capacities of Shallow Waters of S	agami Bay	A Non-deal Model of Material To		
HASSAN, S. S. M.		for Oxidation and Reduction of		A Numerical Model of Material Tr Salt-Wedge Estuaries, Parts I and II,		t in
New Spot Tests for Nitrates and Nitr		Nitrogen,		W74-12057	7-23	21
W74-06878	7-13 5A	W74-00047	7-01 5B	(*1207)	1-23	a.L.
HASSELMANN, D. E.		D 4 4 D 1 W 1 D	L D	HAUSLEROVA, J.		
Digestion Byproduct May Give	Answer to	Results of Red Tide Formation in To		Occurrence of Saprochaete sacc		
Energy Problem,		W74-07770	7-15 5C	Coker Et Shanor in Fungoid Growth	below	the
W74-10935	7-21 5D	HATTUIA, M. L.		Discharge of Breweries, (In Czech), W74-02242	7.05	en.
HACCINCED D		Toxicity of Polychlorinated Bipheny	ls (PCB) to	W /4-02242	7-05	28
HASSINGER, R. Lake Superior Investigations,		Goldfish,		HAVE, M. R.		
W74-12079	7-23 81	W74-00492	7-01 5C	Effects of Migratory Waterfowl	on W	ater
H 14-12017	7-23 61			Quality at the Montezuma Nationa	al Wile	dlife
HASTINGS, C. R.		HATTULA, J.		Refuge, Seneca County, New York,		
The Determination of Part-Per-Bill		A Selective Microscale X-ray Fl Analyzing Method for Determination		W74-02733	7-06	5B
of Citric and Nitrilotriacetic Aci	ds in Tap	Elements,	on or trace	HAVELKA, J.		
Water and Sewage Effluents,	704 64	W74-06135	7-12 5A	Determination of the Hematocrit Val	ue of (Сагр
W74-01772	7-04 5A			and Its Influencing with Cobalt, (Star		
HASTINGS, W. H.		HAUCK, R. D.		matodritove Hodnoty Kapru a Jeji		
Monitoring Channel Catfish Use of	a Demand	Nitrogen Tracers in Nitrogen Cycle	e Studies	Kobaltem),		
Feeder,		Past Use and Future Needs,		W74-11316	7-21	5C
W74-01237	7-03 8I	W74-06339	7-12 5B	HAVEMAN, R. H.		
HATANO, H.		Recovery of N15-Labeled Fertilize	rs in Field	Common Property, Congestion, and	d Envi	iron-
A High-Speed Liquid Chromatogra	aph with a	Experiments,		mental Pollution.		
Flow-Spectrofluorimetric Detector		W74-08315	7-16 5B	W74-03958	7-08	6G

HAVEN, D. S.

HAVEN, D. S. Biodeposition as a Factor in Sedimentation of	HAWKRIDGE, F. M. Indirect Coulometric Titration of Biological Electron Transport Components,	Summary Report: Pilot Plant Studies on De- watering Primary Digested Sludge, W74-00700 7-02 5D
Fine Suspended Solids in Estuaries, W74-07231 7-14 2L	W74-01338 7-03 2K	
		HAYCOCK, D. H.
HAVENAAR, I.	HAWKS, P. H.	Integration of Physico-Chemical and Biological
Filtration Behavior of Circulating Drilling	Distribution of Cesium-137 in a Small Watershed in Northern Mississippi,	Waste-Water Treatment Processes, W74-08399 7-16 5D
Fluids,	W74-05191 7-10 5B	W74-08399 7-16 5D
W74-04141 7-08 8B	W/4-03171 /-10 3B	HAYDEN, B.
HAVENS, J. A.	HAWLEY, A. J.	Impact of Beach Nourishment on Distribution
Heat Transfer Models for a Subsurface, Water	The Present and Future Status of Eastern	of Emerita Talpoida, the Common Mole Crab,
Pipe, Soil-Warming System,	North Carolina Wetlands,	W74-08894 7-17 5C
W74-09921 7-19 5B	W74-06850 7-13 2L	MANDEN D D
	HAWLEY, E. F.	HAYDEN, B. P. An Integrated Model of Storm-Generated
HAVEY, K. A.	Time-Interval Photography of Littoral	Waves.
Population Dynamics of Hatchery-Reared Landlocked Salmon, Salmo Salar, at Schoodic	Phenomena,	W74-10653 7-20 2E
Lake, Maine.	W74-03364 7-07 2J	720 22
W74-13488 7-24 2H		HAYES, C. J.
	HAWLEY, H. B.	Landslides and Related Phenomena Pertaining
Relative Recoveries of Hatchery-Reared Landlocked Salmon Planted at Different Ages	Coxsackievirus B Epidemic at a Boys' Summer Camp: Isolation of Virus from Swimming Water.	to Highway Construction in Oklahoma, W74-05743 7-11 2J
at Schoodic Lake, Maine, W74-06865 7-13 8I	W74-12698 7-23 5A	HAYES, E. C.
7-13 61		A Plan for the Improvement of the Low Flow
HAVLENA, F. K.	HAWLEY, J. E.	Data Network in Alabama,
The Biology of Mysids Acclimatized in the	Bicarbonate and Carbonate Ion-Pairs and a	W74-08175 7-16 7A
Reservoirs of the Volga River,	Model of Seawater at 25 C, W74-09894 7-19 2K	TANDO I D
W74-06017 7-12 2H	W74-09894 7-19 2K	HAYES, J. P.
HAVDE C N	Measurement of the Apparent Dissociation	Bacteriological Water Quality Data, Beach Areas, Gatineau Park Lakes, National Capital
HAVRE, G. N. Cadmium Concentrations in Some Fish Species	Constants of Carbonic Acid in Seawater at At-	Commission, 1973,
from A Coastal Area in Southern Norway,	mospheric Pressure,	W74-07932 7-15 5B
W74-00257 7-01 5A	W74-05731 7-11 2K	
777	HAWLEY, K. T.	HAYES, L. R.
HAW, F.	Applicability of ERTS-1 to Lineament and	Concentration and Distribution of Trace Ele-
Puget Sound Resident Coho Salmon Study, W74-02639 7-05 2L	Photogeologic Mapping in MontanaPrelimina- ry Report,	ments in the Maumee River Basin, Ohio, Indi- ana and Michigan,
	W74-02569 7-05 7B	W74-10084 7-19 5B
HAWERMAN, B.	111102307	HAYNES, C. D.
A Programme for Studies of the Recovery of Polluted Lakes. The Effect of Chemical	HAWS, F. W.	Permeability Restoration in Underground
Sewage Treatment and Diversion of Sewage,	A Study of Water Institutions in Utah and	Disposal Reservoirs,
W74-04105 7-08 5C	Their Influence on the Planning, Developing, and Managing of Water Resources,	W74-00554 7-02 5E
HAWKES, D. D.	W74-04316 7-09 6E	HAYNES, H. H.
Erosion of Tidal Flats Near Georgetown,	HAWTHORNE, J. C.	Con.pressive Strength of 67-Year Old Concrete
British Guiana,	Levels of Mirex and Some Other Or-	Submerged in Seawater,
W74-01216 7-03 2J	ganochlorine Residues in Seafood from Atlan-	W74-10402 7-20 8F
HAWKINS, A. S.	tic and Gulf Coastal States,	HAYNES, W. P.
Waterfowl Habitat Trends in the Aspen Par-	W74-13315 7-24 5A	Analyses of Tars, Chars, Gases, and Water
kland of Manitoba,	Residues of Mirex and Other Chlorinated Pesti-	Found in Effluents from the Synthane Process,
W74-03517 7-07 4C	cides in Commercially Raised Catfish,	W74-08592 7-16 5A
	W74-08347 7-16 5C	
HAWKINS, B. K.	***************************************	HAYNSWORTH, E. M.
Water and Waste Management in Poultry	HAY, D.	Process of Removing Water from Slimes, W74-03007 7-06 5G
Processing,	Field and Model Studies on a Siltation Problem	W /4-0300/ /-06 3G
W74-11789 7-22 5D	in the Fraser River,	HAYON, E.
HAWKINS, E. F.	W74-12089 7-23 8A	Photoionization of Phenols in Water: Effects of
Hydrologic Engineering Methods for Water	HAYANO, S.	Light Intensity, Oxygen, pH, and Temperature,
Resources Development: Volume I, Require-	Determination of Fatty Acid Composition by	W74-12169 7-23 5B
ments and General Procedures,	Gas Chromatography: I. Analysis with Use of	HAVED H C
W74-11231 7-21 8B	Thermal Conductivity Detector,	HAYRE, H. S.
An IHD Project for Technology Transfer to	W74-03311 7-07 2K	Fluid Pollution Monitoring Apparatus and Method,
Developing Regions,	Determination of Fatty Acid Composition by	W74-10485 7-20 5A
W74-00222 7-01 10A	Gas Chromatography: II. Analysis with Use of	
7-01 TOA	Flame Ionization Detector,	HAYS, K. L.
HAWKINS, H. S.	W74-03312 7-07 2K	Some Influences of Aquatic Vegetation on the
Trent-Witham-Ancholme Scheme and Project		Species and Number of Culicidae (Diptera) in
of the Lincolnshire River Authority,	HAYASHI, K.	Small Pools of Water,
W74-08882 7-17 6E	Freeze Process for Making Fresh Water from	W74-01609 7-03 21
HAWKINS, J. H.	Brine,	HAYSLIP, H. F.
Irrigation as a Practical Means to Control	W74-10588 7-20 3A	Past and Current Research on Diseases of
Potato Common Scab (Streptomyces Scabies):	HAYASHI, S. T.	Eurasian Watermilfoil (Myriophyllum spicatum
	D D: D: . O! !	

AYASHI, S. T.
Dewatering Digested Primary Sludge,
7-18 5D

L.), W74-02112

7-04 2I

Potato Common Scab (Streptom)
Final Experiment and Conclusions,
7-23 3F

HAYSTEAD, A. Glutamine Synthetase of the Nitrogen-Fix		Nonartesian	HEATON, R. E. Electroanalytical Studies of Methylmercury	in
Alga Anabaena cylindrica, W74-00717 7-02	Aquifers of Florida, 1971-72, 5C W74-11025	7-21 4A	Aqueous Solution, W74-08362 7-16 5	A
HAYWARD, D.	HEALY, J. W.		HEBARD, F.	
Epoxy Tar Lines Birmingham's Trunk,	A Proposed Interim Standard for	Plutonium in	Oceanographic Features in the Lee of the	he
W74-10920 7-21			Windward and Leeward Islands: ERTS as	
	W74-13136	7-24 5B	Ship Data,	
HAZDRA, J. J.	in HEALY, K. A.		W74-06674 7-13	2E
Carcinogenic Sources in Fish Tumors Found	Prefabricated Filter-Fin for Subsu	rface Drains.	HEBERT, G. G.	
the Fox Valley Water Shed, W74-11006 7-21	33174 06340	7-12 4A	Treatment of Domestic Sewage at Offshore L cations.	.0-
Frequency of Fish Tumors Found in a Pollu Watershed as Compared to Nonpollu	ted Federal Legislation Regarding	Marine Pollu-	W74-03221 7-07	5D
Canadian Waters, W74-02401 7-05	tion, 5C W74-02795	7-06 6E	HEBERT, S. Effects on Hepatocytes in Cell Cultures	at
	HEANEY, J. P.		Various Combinations of Heavy Metals Prese	
HAZEN, T. E.	TL. PD4 Canamatan Managan	ent Model: A	in Titanium Waste Waters, (Action Sur D	
Automated Hydraulic Waste-Handling Syst for a 700-Head Swine Facility Using Recir	Comment Committee		Hepatocytes en Culture Histiotypique,	
lated Water,	W74-07265	7-14 5D	Divers Composes Metalliques Presents Da	
W74-09682 7-18	5D w. p		Les Eaux Residuaires de l'Industries	du
	Water Resources and Social Choic	7-08 6B	Titane),	
A Comparison of Three Systems for Transp	ort W/4-03951	7-08 68	W74-11296 7-21	5C
and Treatment of Swine Manure,	HEARD, H. C.		HEBLE, L. R.	
W74-00416 7-01	High-Pressure Mechanical Pr	roperties of	Treatment of Domestic Wastewater and NS	SC
Demonstration of Three Recirculating Sw	ine Kayenta Sandstone,		Pulp and Paper Mill Wastes,	
Waste Management Systems,	W74-11662	7-22 8E	W74-06513 7-13	5D
W74-10198 7-19	5D HEARON, W. M.		HECHINA E	
Effects of Swine Lagoon Effluent on the	Deciduals in Manufacture of Dane	r,	HECHMAT, A. On the Problem of Emergency-Supply w	ith
and Plant Tissue,	W74-07399	7-14 5B	Drinking-Water by Way of Seitz-Filter,	
W74-00428 7-01	5D PROGRAM C. P.		German),	
	HEASLIP, G. B. ERTS-1 Virgin Islands Experime	nt 589 Deter-	W74-00472 7-01	5F
Storage of Manure Solids by Forming S	mine Boundaries of ERTS and			
Manure Pellets,	within Which Heaful Water Ou		HECKER, L. H.	
W74-09679 7-18	tion can be Obtained,		The Dose-Response Relationship Resulti	
Water Quality Implications of Livest	ock W74-09756	7-18 5A	from Exposure to Alkyl Mercury Compounds W74-06805 7-13	
Production,	HEATH, G. R.		7-13	-
W74-11609 7-22	6B Biogenic sediments of the Panama	a Basin.	HECKER, R. J.	
HEADY, E. O.	W74-01878	7-04 2J	Recovery of Mercury in Solution,	
Agricultural Water Allocation, Land Use,	and s		W74-01995 7-04	5D
Policy,	Forest and Range Mapping in Area with ERTS-1 Data,	the Houston	HECKY, R. E.	
W74-00186 7-01	3F W74-01683	7-04 4A	The Amino Acid and Sugar Composition	of
Development and Application of Large C	-1-		Diatom Cell-Walls,	
Development and Application of Large-S Water and Land Allocation Models for	Mineralogy of Surface Scume		W74-00240 7-01	5C
United States.	Panama Basin, Eastern Equatoria W74-08298	7-16 2J	HEDDLESON, F. A.	
W74-00174 7-01	6A	7-16 23	Design Data and Safety Features of Comm	er.
	HEATH, R. A.		cial Nuclear Power Plants, Vol I.	-
HEALD, E. J. Applicability of the Interceptor Waterway C	Flushing of Coastal Embayment	s by Changes	W74-07794 7-15	5G
cept to the Rookery Bay Sanctuary,	in Atmospheric Conditions,	7 11 27		
W74-02205 7-05	W74-05730	7-11 2L	Design Data and Safety Features of Comm	er-
	HEATH, R. C.		cial Nuclear Power Plants, Vol. III, W74-07796 7-15	**
The Coastal Interceptor Waterway,	Feasibility Study of Liquid-W		7-13	30
W74-09614 7-18	min infantis commission of	ater, Wilming-	HEDGES, T. R.	
Tropic Analyses of an Estuarine Mange	ton, North Carolina,	7-07 5E	Water Supplies and Cost in Relation to Fa	
Community,	W74-03362	1-01 JE	Resource Use Decisions and Profits on Sac	ra
W74-06489 7-12	2L HEATH, R. T.		mento Valley Farms,	38
WEATH W. D.	Some Aspects of Phosphorus Dy	namics of the	W74-11568 7-22	3ř
HEALD, W. R. Soluble Phosphate Output of an Agricult	Twin Lakes Watershed,	712 40	HEDGPETH, J. W.	
Watershed in Pennsylvania.	wrai W74-06565	7-13 5C	Bodega: A Case History of Intense C	on
W74-04804 7-09	5B HEATH, W. A.		troversy,	
MOLIEV E B	Preliminary Survey of Mercui		W74-00738 7-02	60
HEALEY, F. P.	Metals Contained in Animals fr	om the Fraser	HEDLUND, J. D.	
Characteristics of Phosphorus Deficiency Anabaena,	in River Mudflats, W74-00764	7-02 5C	Terrestrial Ecology,	
W74-04905 7-10		1-02 SC	W74-09239 7-17	50
	HEATHERSHAW, D. C.			
HEALY, G. R.	Fine Structure of Light Attenu		HEDRICK, D. W.	
Balantidiasis Outbreak in Truk, W74-07031 7-13	Relation to Temperature in the Ir	ish Sea, 7-23 2K	Problems on California's Coast, W74-12759 7-24	62

HEDRON, A. J. JR.

HEDRON, A. J. JR.	HEIGL, J. J.		HELD, J. W.
Classification, Engineering Properties and Field	Bailey Oil Content Monitor,		Causes and Control of Algal Blooms in Spirit-
Exploration of Soils, Intact Rock and In Situ		7-23 5A	wood Lake, North Dakota,
Rock Masses,		-	W74-03906 7-08 5C
W74-10356 7-20 8E	Oil/Water Interface Detector La	boratory	7-08 30
W /4-10330	Evaluation,		HELFGOTT, T.
HEEDE, B. H.	W74-12637	7-23 5A	Proceedings: First Wetlands Conference, June
Flow and Channel Characteristics of Two High			20, 1973,
	HEILHECKER, J. K.		
Mountain Streams,	High-Pressure Drilling,		W74-08157 7-16 2L
W74-00678 7-02 4A	W74-12537	7-23 8C	0.11.00
HEREC I			Quick-Time Instrumental Measurements of
HEEG, J.	HEILMAN, J. L.		Wastewater Organic Characteristics,
Physioecology of the Umsindusi River within	Crop Identification Using ERTS Image	ry,	W74-02170 7-05 5A
the Pietermaritzburg City Limits,		7-04 3F	
W74-05363 7-10 5E			HELLAND-HANSEN, E.
	HEILMAN, M. D.		Sediment Transport at Low Shields-Paramete
HEEMSTRA, R. J.	Effect of Narrow Trenching in Harlin	gen Clay	Values.
How to Find Abandoned Oil and Gas Wells,	Soil on Plant Growth, Rooting De		W74-05835 7-11 2
W74-00941 7-02 80		pui, uno	7-11 2
11.10071	Junine,	7-15 3F	HELLDEN, U.
HEENAN, R. H.	W /4-080/8	/-13 3F	Some Calculations of the Denudation Rate in
Irrigation Riser Base System,	HEIN, J. R.		
			Dolomitic Limestone Area at Isfjord-Radio
W74-12801 7-24 31			West-Spitzbergen,
TIPPE D D	Bay, California, Diversity, Origins, a	and Sedi-	W74-03514 7-07 2
HEEPS, D. P.	mentary Environmental Significance,		
Independent Comparison of Three Urban Ru	W74-10370	7-20 2L	HELLER, J. P.
noff Models,			Observations of Mixing and Diffusion in
W74-09629 7-18 2/	HEINDLE, L. A.		Porous Media.
	Hydrological Effects of Urbanization,		W74-12812 7-24 21
HEERDEGEN, R. G.	W74-08257	7-16 4C	W /4-12012 /-24 21
Unit Hydrographs for Catchments of Differen			WELLED W W
Sizes and Dissimilar Regions,	HEINEGARD, C.		HELLER, W. W.
	Establishment of a Closed System	for the	Coming to Terms with Growth and the En
W74-11466 7-22 2/	Paper Making Process,		vironment,
ATTENDA A A A A A A A A A A A A A A A A A A		7-23 5D	W74-03465 7-07 61
HEERMANN, D. F.	***************************************	. 25 52	
Hydrodynamics of Border Irrigation Advance,	Establishment of a Closed System	for the	HELLEY, E. J.
W74-06592 7-13 3	Papermaking Process,		Historic Flood Information for Northern
	W24 12044	7-24 5D	California Streams from Geological and Botani
Objectives of Irrigation Management Commit	W /4-12944	1-24 3D	cal Evidence.
tee,	HEINKE, G. W.		
W74-08264 7-16 3		. Cattling	W74-07646 7-15 21
	Design and refrontance Cineria to		
HEFNER, J. J.	Tanks for the Removal of Physical-	Chemical	HELLIER, W. W. JR.
Crop Yields from Land Receiving Larg	Flocs,		Transient Analysis of a State Park Extende
	W74-08396	7-16 5D	Aeration Wastewater Facility,
Manure Applications,			W74-08838 7-17 51
W74-00425 7-01 3	Sewage Electrolysis,		7-17 3
was a s	W74-11871	7-22 5D	HELLING, C. S.
HEGG, R. O.			Azide and Ethylenethiourea Mobility in Soils,
Settling Solids in Animal Waste Slurries,	Vacuum Sewer Systems for Northern	Applica-	
W74-10148 7-19 51	tions,		W74-06896 7-13 51
		7-19 5D	C11 - 1' - 1 - 1' D - 1' 11 - C - 1' - 1 D1 - 1
Solids Balance on a Beef Cattle Oxidatio	1		Chlorodioxins in Pesticides, Soils, and Plants,
Ditch,	HEINLE, D. R.		W74-02371 7-05 51
W74-09707 7-18 5	Free-Living Copepoda of the Chesape	ake Bay,	
7-10 3.		7-02 2L	HELLWIG, D. H. R.
HEGINBOTTOM, J. A.			Evaporation of Water from Sand, 3: The Los
Some Effects of Surface Disturbance on th	The Role of Organic Debris and A	ssociated	of Water into the Atmosphere from a Sand
Permafrost Active Layer at Inuvik, N.W.T	Mi O Paris Paris Paris		River Bed Under Arid Climatic Conditions,
	Chains,		W74-11266 7-21 21
Canada,	11/74 00027	7-17 5C	7-21 21
W74-04413 7-09 4	111100037		Evaporation of Water from Cond. 4: The In-
THE PART AND AN	HEINRICH, C. A.		Evaporation of Water from Sand, 4: The In
HEIDARI, M.	Date on Fresh Water Inflow April 1.	4-July 28	fluence of the Depth of the Water-Table an
Analysis of Liquid-Waste Injection Wells in I	1973, For Analog-Model Study of the		the Particle Size Distribution of the Sand,
linois by Mathematical Models,		Houston	W74-11267 7-21 21
W74-07604 7-15 5	Ship Channel, Houston, Texas,	715 70	
	W74-07921	7-15 7C	Evaporation of Water from Sand: 5. The Effect
HEIDEL, S. G.	HEISEL, J. E.		of Evaporation on the Concentration of Sale
Dissolved Oxygen and Iron in Shallow Wells			Dissolved in Water Stored in Sand,
Salisbury, Md.,	Electric-Analog Simulation network of		W74-07169 7-14 2
W74-05078 7-10 5	solidated Aquifers in the Upper Wab	ash River	7-14 2
7-10 5	Dasin, Indiana,		Survey of Rain Run-Off Harvesting,
HEIDINGER, R. C.	W74-11736	7-22 4B	
			W74-02915 7-06 3
A Portable Apparatus for Pressure Sieving Bo	HEISLER, E. G.		HELM I C
tom Samples,	Reverse Osmosis: Application to Pota	ato-Starch	HELM, J. C.
W74-12258 7-23 7			Chance-Constrained Model of System of
	ractory waste Ethacuts,	7-18 5D	Reservoirs,
HEIFETZ, S. B.	11 / 1-0703 /	, 10 31	W74-02676 7-06 4
Effect of Partial Defluoridation of a Water	HELBER, H. H.		7-00 4
Supply on Dental Fluorosis: Final Results		r Remov-	Development of a Dynamic Water Management
Bartlett, Texas, After 17 Years,	ing Oil from Water,		Policy for Texas,
W74-01578 7-03 5		7-05 5D	W74-00562 7-02 6
7-01370	W /4-02034	1.03 30	7-02 0

7-02 6A

HELM, M. M.

The Effect of Supplementary Algal Feeding of

Texas by Computer Analysis of ERTS MSS
Data,
A Jeep-Mounted Rainfall Simulating Infiltrome-

a Hatchery Breeding Stock of Ostrea Edulis L.	W74-01689 7-04 3F	ter,
on Larval Vigour. W74-13042 7-24 8I	HENDERSON, J. E. IV	W74-08766 7-17 7B
	Analysis of Organic Materials in Wastewater	HENLEY, L. M.
HELMERS, A. E.	Effluents After Chlorination,	Quality of Surface Water in Illinois, 1966-1971,
Environmental Guidelines for Development	W74-03081 7-06 5A	W74-07678 7-15 5A
Roads in the Subarctic, W74-12223 7-23 5G	HENDERSON, J. M.	HERVINE TO B
W74-12223 7-23 5G	River Basin Planning and the Forest Industry	HENLEY, T. D.
An Expanding Role for Subarctic Watershed	Compromise or Conflict,	Process for Treating Wastes Containing Chro- mates and /or Complex Iron Cyanides,
Research,	W74-06398 7-12 6B	W74-13333 7-24 5D
W74-06884 7-13 4D	HENDERSON, J. S.	# 14-13333 1-24 3B
HELMOND, I.	Political and Environmental Attitudes of Voters	HENNEKLEY, R. J.
The Estimation of Net Radiation and Potential	and Public Officials Related to Alternative	Effects of Dissolved Oxygen on Two Life
Evapotranspiration Using Atmometer Measure-	Levels of Water Quality and Correlative Levels	Stages of the Mummichog,
ments.	of Management of the Penobscot River,	W74-01776 7-04 5C
W74-04129 7-08 2D	W74-03323 7-07 5G	HENNEMAN, K. R.
****** * *	WENDERCON M	Upper Eel River Development. Investigation of
HEM, J. D.	HENDERSON, M.	Alternative Conveyance Routes,
Stability Field Diagrams as Aids in Iron Chemistry Studies,	Concentration of Enteroviruses from Large Volumes of Water.	W74-03503 7-07 6B
W74-04163 7-08 2K	W74-02271 7-05 5F	7-07-05
W/4-04103	W74-02271	HENNICK, D. G.
HEMINGWAY, R. W.	HENDERSON, T. J.	Trophic Level Interrelationships in Cayuga
Biodegradation of Resin Acid Sodium Salts,	ICE Project-Ice Crystal Inhibition-An Applica-	Lake, New York,
W74-07393 7-14 5D	tions Program of Chemical Dispersal in Small	W74-03769 7-08 2H
	Cumulus Clouds,	
HEMLEY, J. J.	W74-13212 7-24 3B	HENNION, F. B. AND
Argillization by Descending Acid at Steamboat	HENDRICKS, C. W.	Corps of Engineers Technology Related to
Springs, Nevada, W74-12651 7-23 2K	Measurement of Baseline Levels of Enteric	Design of Pavements in Areas of Permafrost,
W 74-12031 7-23 2K	Bacterial Activity in River Water.	W74-04414 7-09 4C
HEMMINGSEN, B. B.	W74-08635 7-16 5B	HENRI, W. F.
Germanium Incorporation into the Silica of		The Atlantic States' Claim to Offshore Oil
Diatom Cell Walls,	HENDRICKS, D. W.	Rights: United States v. Maine,
W74-03280 7-07 5C	Analysis of Water Reuse Alternatives in an In-	W74-08538 7-16 6E
TIPMANA CORN P. 4	tegrated Urban and Agricultural Area,	7-10 02
HEMMINGSEN, E. A.	W74-08510 7-16 5D	HENRY, E. N.
Respiratory and Circulatory Responses in a Hemoglobin-Free Fish, Chaenocephalus	HENDRICKS, E. L.	Stream Flow Characteristics of: Greenbrier
aceratus, to Changes in Temperature and Ox-	Recent Activity of Glaciers of Mount Rainier,	River Sub-Basin,
ygen Tension,	Washington,	W74-12323 7-23 7C
W74-04227 7-08 5C	W74-06713 7-13 2C	TERMINAL A CO
		HENRY, J. G.
HEMPHILL, D. P.	HENDRICKSON, E. R.	Psychrophiles in Waste Treatment,
An Oil Recovery System Utilizing Polyu-	Process Design and Operation for Zero Ef-	W74-10176 7-19 5D
rethane FoamA Feasibility Study,	fluent Discharge,	HENRY, J. L.
W74-07341 7-14 5G	W74-10554 7-20 5D	The Adsorption of Rhodamine-B on to Materi-
HENDERLONG, P. R.	HENDRICKSON, G. E.	als Carried in Suspension by Inshore Waters,
Response of Corn to Time and Rate of	Hydrology and Recreation on the Cold-Water	W74-02721 7-06 5B
Phosphorus and Zinc Application,	Rivers of Michigan's Upper Peninsula,	
W74-10337 7-19 3F	W74-11986 7-22 6B	HENRY, K.
		Grangemouth Tunnel Sewer,
HENDERSON, C. L.	HENDRICKSON, J. A. AND	W74-08197 7-16 8A
AEC Implementation of the National Environ-	Feasibility Study for a Surge-Action Model of	supplies to the
mental Policy Act in Its Licensing and Regula-	Monterey Harbor, California, W74-04721 7-09 2L	HENRY, R. F.
tion of Nuclear Facilities, W74-05186 7-10 5G	W/4-04/21 /-09 2L	Special Analysis of Short Inertial-Internal
W 74-03186 7-10 3G	HENDRICKSON, J. R.	Wave Records, W74-04489 7-09 2E
HENDERSON, D. W.	Oceanographic Mapping of Structure and	W74-04489 7-09 2E
Flood and Seepage Water Sampling Techniques	Dynamics of the Northern Gulf of California	HENRY, R. L.
in Rice Fields Under Different Water Manage-	by the Use of Spectral Modeling and ERTS-1,	Water Jet Cutting of Sedimentary Rock,
ment Practices,	W74-06673 7-13 2L	W74-07883 7-15 8B
W74-08090 7-15 5B	HENDRY I I	
The Hannetsia Counch for Environmental Roll	HENDRIX, J. L. A Study of the Eutrophication of the Surface	HENRY, V. J. JR.
The Uncertain Search for Environmental Pol- icy: The Costs and Benefits of Controlling Pol-	Waters of Pyramid Lake,	Development and Geologic Significance of Soft
lution Along the Delaware River,	W74-08938 7-17 5C	Beach Sand,
W74-09999 7-19 5G		W74-04757 7-09 2J
	HENKEL, C. A.	Phombaid Dinale Mark Indicates of Commis
HENDERSON, G. S.	Tritium Intake in New York,	Rhomboid Ripple Mark, Indicator of Current
Environmental Monitoring of Toxic Materials	W74-02023 7-04 5B	Direction and Environment, W74-04739 7-09 2J
in Ecosystems,	HENKEL K V D	W74-04739 7-09 2J
W74-12907 7-24 5B	HENKEL, K. V. R. Water Quality Improvement of Stratified Im-	HENSLEY, C. D.
HENDERSON, J. A.	poundments by Selective Withdrawal of Bot-	Distribution of Total Mercury in the Fishes of
Identification and Mapping of Soils, Vegeta-	tom Waters,	Lake Oahe,
tion, and Water Resources of Lynn County.	W74-12370 7-23 5G	W74-11319 7-21 5B

HENSLEY, M.

HENSLEY, M.	HERMAN, L. B. Laboratory Investigation of Electrical Dissipa-	HERRINGTON, W. C. Management of Fishery Resources for Op-
Predicted Quality of J. G. Strijdom Dam Water and its Suitability for Irrigating Certain	tion of Warm Fog,	timum Returns. Would it Work in the Gulf of
Makatini Soils,	W74-10623 7-20 3B	Mexico, W74-12766 7-24 6C
W74-13248 7-24 3C	HERMAN, S. S.	W /4-12/00 /-24 OC
HENSON, E. B.	Infestation of the Copepod Acartia Tonsa with	HERRMANN, F. A. JR.
Environmental Study of ERTS-1 Imagery:	the Stalked Ciliate Zoothamnium,	Effects of Man-Made Works on the Hydraulic,
Lake Champlain and Vermont,	W74-08720 7-17 5C	Salinity, and Shoaling Regimens of Estuaries,
W74-02581 7-05 7B	THE PARABLE AS PA	W74-07249 7-14 5C
Materials Input of Lake Champlain: A Synoptic	HERMANN, M. D. High Sensitivity Laser Absorption Spectrosco-	HERRON, M.
Appraisal,	py of Laboratory Aqueous Solutions and of	Chemical Profile of the Ross Ice Shelf at Little
W74-06882 7-13 2H	Natural Missouri Waters. A Feasibility Study,	America V, Antarctica,
	W74-01658 7-04 2K	W74-06921 7-13 2C
Pollution Monitoring in Lake Champlain Using		HERRON, W. J.
ERTS-1 Imagery, W74-08009 7-15 5A	Infrared Reflectance Measurements of Missou-	Littoral Bypassing and Beach Restoration in
W /4-06009 7-13 3A	ri Waters for Water Quality Applications, W74-01659 7-04 5A	the Vicinity of Port Hueneme California.
HENTGES, J. F.	W/4-01039 /-04 3A	W74-03694 7-07 8B
Processing, Chemical Composition and Nutri-	HERMANSON, R. E.	
tive Value of Aquatic Weeds,	Soil Moisture Profile Under Steady Infiltration,	HERRON, W. J. JR.
W74-06502 7-13 4A	W74-08273 7-16 2G	Case History of Mission Bay Inlet, San Diego, California,
HENTHORNE, M.	HEDMANUTZ D.O.	W74-03366 7-07 8B
Finding Answers to Corrosion Problems,	HERMANUTZ, R. O. Captain Toxicity to Fathead Minnows	
W74-07863 7-15 8G	(Pimephales Promelas), Bluegills (Lepomis	HERSCH, A.
	Macrochirus), and Brook Trout (Salvelinus	Oceanic Atmospheric Dispersion,
HEPPLESTON, P. B.	Fontinalis),	W74-09865 7-19 5C
Mercury and Other Metals in British Seals, W74-09571 7-18 5B	W74-06085 7-12 5C	HERSCHY, R. W.
W74-09571 7-18 5B	THE PARTY OF THE P	The Magnitude of Errors at Flow Measurement
HERBEL, C. H.	HERMSMEIER, L. F.	Stations,
Brush Eradicating, Basin Pitting, and Seeding	Shallow Drain Performance in a Heavy Soil, W74-07442 7-14 4A	W74-11504 7-22 7B
Machine for Arid to Semiarid Rangeland,	W/4-0/442 /-14 4A	TERROTOR T A
W74-01637 7-03 4A	HERNANDEZ, L. JR.	HERSHEY, L. A. Water-Level Records, 1969-73, and
HERBES, S. E.	Lead Detection in Living Plant Tissue Using a	Hydrogeologic Data for Baca and Southern
Phosphorus: Analysis of Water, Biomass, and	New Histochemical Method,	Prowers Counties, Colorado,
Sediment.	W74-07711 7-15 5A	W74-00332 7-01 2F
W74-01800 7-04 5C	HERNANDEZ, T.	
	Distribution of Dieldrin in the Turtle,	HERSTAD, O.
HERBICH, J. B.	W74-06124 7-12 5A	Protein Recovered from Industrial Waste Water as Feed for Chicks.
A Computer Program to Estimate the Com- bined Effect of Refraction and Diffraction of		W74-12933 7-24 5B
Water Waves,	HERNDON, A.	117-1273
W74-00024 7-01 2L	Comparison of Gage and Radar Methods of	HERZBERG, S.
	Convective Precipitation Measurement, W74-01149 7-03 2B	Interference of Non-Hydrocarbons in Oil-In-
Numerical Calculation of Wave Refraction	W/4-01149 /-03 2B	Water Determination,
Digital Computer,	HERNDON, H. D.	W74-05462 7-11 5A
W74-03343 7-07 8B	The National Shoreline Study,	HERZOG, J. H.
HERBST, R. L.	W74-08671 7-16 2L	Natural Resource Inventory and Monitoring in
Ground Water, A Resource to be Protected,	HERD B I	Oregon With ERTS Imagery,
W74-00566 7-02 5B	HERR, R. L. Storage and Retrieval of Groundwater Data,	W74-06683 7-13 4A
	W74-01291 7-03 7C	HERLED I C
HERCULES, D. M.	W/4-01291 /-03 /C	HESLER, J. C. Treatment and Disposal of Swine Waste,
Chemiluminescence Analysis for Trace Pollu- tants,	HERRERA, I.	W74-09704 7-18 5D
W74-06131 7-12 5A	Integrodifferential Equations for Systems of	
7.2 21	Leaky Aquifers and Applications 2. Error Anal-	HESPELL, R. B.
Determination of Chromium in Biological Sam-	ysis of Approximate Theories,	Glucose and Pyruvate Metabolism of
ples Using Chemiluminescence,	W74-12333 7-23 2F	Spirochaeta litoralis, an Anaerobic Marine
W74-12496 7-23 5A	HERRICKS, E. E.	Spirochete, W74-03600 7-07 5B
Electron Spectroscopy (ESCA): Use for Trace	The Recovery of Stream Macrobenthic Com-	W 74-03000 7-07 3B
Analysis,	munities from the Effects of Acid Mine	HESS, C. E.
W74-12499 7-23 5A	Drainage,	Proceedings of Conference on Land Disposal
SEPTEMBER AND AS	W74-08701 7-17 5C	of Municipal Effluents and Sludges,
HERDMAN, M.	HERRIN, T. A.	W74-11833 7-22 5D
Mutations Arising During Transformation in the Blue-Green Alga Anacystis nidulans,	An Evaluation of the Water-Related Economic	HESS, C. T.
W74-00234 7-01 5C	Resource Development of Appalachia-In-Mis-	A Radioactive Isotopic Characterization of the
7-01 50	sissippi,	Environment Near Wiscasset, Maine: A
Structure and Function of Nucleic Acids,	W74-00799 7-02 6A	Preoperational Survey in the Vicinity of the
W74-12571 7-23 5C	HEDDING W.C.	Maine Yankee Atomic Power Plant,
HERKERT, E.	HERRING, W. C. Strontium and Other Notable Chemical Con-	W74-06855 7-13 5A
Utilization of Trickling Filters for Dual Treat-	stituents of Well-Water of Allen County, Indi-	HESS, H. V.

HESS, H. V.
Apparatus for Removing Oil from Water,
W74-09178 7-17 5G

7-14 2K

Utilization of Trickling Filters for Dual Treatment of Dry and Wet Weather Flows,
W74-06508 7-13 5D

ana, W74-07400

HEWITT, J. P.

HICKEY, J. J.

HESS, W. C. Method for Radiorespirometric Detection of	HEWITT, J. P. Unrecorded Pollution and Dynamics of	HICKEY, J. J. Hydrologic Perspective of Surficial Waste
Bacteria in Pure Culture and in Blood,	Biochemical Oxygen Demand,	Disposal,
W74-04887 7-10 5A	W74-06613 7-13 5B	W74-13210 7-24 5D
HESSEL, D. L.	HEYDORN, A. E. F.	HICKIN, E. J.
Urban Public Policy and Political Institutions	The Interdependance of Marine and Estuarine	The Development of Meanders in Natural
for Water Quality Management on Lake Erie:	Ecosystems in South Africa,	River-Channels,
Year Two,	W74-05713 7-11 5B	W74-08357 7-16 2E
W74-09653 7-18 5G		W 14-00551
	HEYDORN, K.	HICKMAN, G. D.
HESSLEIN, R.	Instrumental Neutron Activation Analysis of	Notes on the Upper Lethal Temperature of the
Distribution and Uptake of Artificially In-	Lead Matrices for Mercury,	Duskystripe Shiner, Notropis Pilsbryi, and the
troduced Radium-226 in a Small Lake,	W74-11373 7-21 5A	Bluegill, Lepomis macrochirus,
W74-04785 7-09 5B	HEVDT II I	W74-06037 7-12 5C
HESTER, N. C.	HEYDT, H. L.	
Sediment Distribution in a Beach Ridge Com-	Engineering Analysis of ERTS Data for Southeast Asian Agriculture,	Preliminary Design Criteria, Performance and
plex and its Application to Artificial Beach	W74-01669 7-04 3F	Limitations of an Airborne Laser Bathymetric
Replenishment.	W/4-01009	System,
W74-07666 7-15 2J	HEYRAUD, M.	W74-06296 7-12 7B
	Flux of Ce-141 Through a Euphausiid	HICKMAN, K.
HESTHAGEN, I. H.	Crustacean,	Surface Properties of Water,
Some Heavy Metals in Sprat (Sprattus Sprat-	W74-04191 7-08 5C	W74-11640 7-22 2K
tus) and Herring (Clupea Harengus) from the		W 74-11040 7-22 ZR
Inner Oslofjord),	Mercury as a Hydrospheric Pollutant II.	HICKMAN, M.
W74-13089 7-24 5C	Biological Half-Time of Methyl Mercury in	The Standing Crop and Primary Productivity of
HETESA, J.	Four Mediterranean Species: A Fish, a Crab,	the Phytoplankton of Abbot's Pond, North
The Effect of Mineral Fertilization and of Carp	and Two Molluses,	Somerset,
Fry on the Composition and Dynamics of	W74-06767 7-13 5C	W74-00651 7-02 5C
Plankton,	HEYWOOD, R. B.	
W74-06535 7-13 5C	Antarctic Limnology: A Review,	HICKMAN, R. W.
	W74-02552 7-05 2C	Mass Stranding of Molluscs at Te Waewae
Hydrobiological Studies on the Lednicke Ryb-	7-03 20	Bay, Southland, New Zealand,
niky Ponds: Species Composition and Seasonal	HIBBERD, R. L.	W74-11938 7-22 5C
Variation in the Abundance of Plankton (In	The Design and Operation of Activated Sludge	
Czech),	Final Settling Tanks,	HICKS, H. C.
W74-01567 7-03 5C	W74-10573 7-20 5D	Regeneration of Chromated Aluminum Deox-
HETLING, L. J.		idizers, Phase I Report,
Activated Carbon Adsorption and Polishing of	HIBBERT, A. R.	W74-07254 7-14 5D
Strong Wastewater,	Unsaturated Flow Properties Used to Predict	HICKS, J. K.
W74-06411 7-12 5D	Outflow and Evapotranspiration from a Sloping	Coon Rapids Pool Hydrographic Study,
117 30	Lysimeter,	W74-11981 7-22 2E
A Guide to Chemical and Clarifier Selection for	W74-02771 7-06 2D	7-22 25
Waste Water Treatment,	HIBLER, W. D. III	HICKS, M. G.
W74-00811 7-02 5D	Classification and Variation of Sea Ice Ridging	Fluorocarbon and Oxygen-Providing Com-
Nitrana Damand and Dhambama Daninita	in the Arctic Basin,	pound Treatment of Waste Waters,
Nitrogen Removal and Phosphorus Precipita- tion in a Compartmentalized Aeration Tank,	W74-05165 7-10 2C	W74-07200 7-14 5D
W74-12243 7-23 5D		
W 74-12243 7-23 3D	Classification and Variation of Sea Ice Ridging	HICKS, S. D.
Phosphate Removal by Sands and Soils,	in the Western Arctic Basin,	Trends and Variability of Yearly Mean Sea
W74-12235 7-23 5E	W74-12991 7-24 2C	Level 1893-1972,
	Data on Morphological and Physical Charac-	W74-08643 7-16 2B
The Pressure Sewer: A New Alternative to the	teristics of Sea Ice in the Beaufort Sea,	MADY O M
Gravity Sewer,	W74-06721 7-13 2C	HIDY, G. M.
W74-10946 7-21 5D	W 74-00721 7-13 2C	Overview of the California Aerosol Charac-
Pressure Sewer Demonstration,	Investigations Performed on the Arctic Ice	terization Experiment, W74-10953 7-21 SA
W74-10463 7-20 5D	Dynamics Joint Experiment, March 1971,	W /4-10933 /-21 3A
W 74-10403	W74-06716 7-13 2C	Sulfate and Nitrate Chemistry in Photochemi-
Removal of Ammonia Nitrogen by Breakpoint		cal Smog,
Chlorination Using an Activated Carbon	Mesoscale Strain Measurements on the Beau-	W74-10956 7-21 5A
Catalyst,	fort Sea Pack Ice,	7-21 38
W74-00810 7-02 5D	W74-06717 7-13 2C	HIEBERT, R. D.
A Study of Tidal Dispession in the Botomes	Structure of a Multiyear Pressure Ridge,	A New Multiparameter Separator for Micro-
A Study of Tidal Dispersion in the Potomac	W74-06718 7-13 2C	scopic Particles and Biological Cells,
River, W74-01196 7-03 5B	7-13 20	W74-03313 7-07 7B
7-03 3B	Top and Bottom Roughness of a Multiyear Ice	**************
HEUKELEKIAN, H.	Floe,	HIGASHI, Y.
Rotating Biological Disk Wastewater Treatment	W74-06719 7-13 2C	Meeting Water Demands in the Raymond Basin
Process - Pilot Plant Evaluation,		Area,
W74-07373 7-14 5D	HICKEMAN, R. E.	W74-09077 7-17 6D
**************************************	Small Town Spends a Big \$8 Million,	HICEP A
HEWAPATHIRANE, D. U.	W74-09711 7-18 5D	HIGER, A. Detection of Turbidity Dynamics in Tampa
Obstacles to Consideration of Resources	HICKERSON, J. T.	Bay, Florida Using Multispectral Imagery from
Management Alternatives: South Asian Ex-	El Paso's Water Resources,	ERTS-1,
perience,		W74-06711 7-13 2L
W74-00208 7-01 10A	W74-00740 7-02 6D	7-13 2L

HIGGINS, G. H.

HIGGINS, G. H.	HILBERT, R. B.	HILL, H. M.
Cost and Feasibility of Stimulating Tight Gas	County Water System Solves Dry Area	Physical System Modelling as a Tool in Water
Reservoirs with Chemical Explosives, W74-11663 7-22 8H	Problems, W74-10894 7-20 6D	Resource Planning, W74-01487 7-03 2A
PLOCINE C T	HILD, W.	HILL, H. W.
HIGGINS, G. T. Data on Selected Lakes in Washington, Part II,	Disposal of Radioactive Wastes into the Un-	Currents and Water Masses,
W74-12341 7-23 5A	derground in the Federal Republic of Germany - A Survey on Practical Experience and R and	W74-03029 7-06 2E
Stream Temperatures in Washington State,	D Work,	HILL, I. K.
W74-06962 7-13 7C	W74-04171 7-08 5E	A Water Quality Simulation Model,
	HILDER, D. W.	W74-02683 7-06 5B
HIGGINS, I. T. T.	The Computer Simulation of the Operation of a	HILL, J. IV
Epidemiological Approaches to the Study of	Bank of Rapid Gravity Filters,	Component Description and Analysis of En-
Subclinical Effects of Mercury Intoxication, W74-06813 7-13 5B	W74-12141 7-23 5D	vironmental Systems: Oxygen Utilization in
W74-06813 7-13 5B	HILDRETH, J. B.	Aquatic Microcosms,
HIGGINS, R. B.	The Use of Questionnaires in Collecting Infor-	W74-06575 7-13 5C
Method for Treating Water Containing	mation for Urban Flood Control Planning,	Component Description of Sediment-Water
Suspended Solids from a Sanitary System,	W74-08151 7-16 6F	Microcosms.
W74-09724 7-18 5D	HWED E A	W74-12868 7-24 5C
HICCING B B	HILER, E. A. Dynamic Simulation of Automated Subsurface	
HIGGINS, R. P. Kinorhyncha of the Chesapeake Bay,	Irrigation Systems,	HILL, J. M.
W74-00910 7-02 2L	W74-08931 7-17 3F	Silica Gel as an Insoluble Carrier for the Preparation of Selective Chromatographic Ad-
Priapulida of the Chesapeake Bay,	Grain Sorghum Response to Trickle and Sub-	sorbents - The Preparation of 8-Hydroxyquin-
W74-00908 7-02 2L	serface Irrigation,	oline Substituted Silica Gel for the Chelation
	W74-04137 7-08 3F	Chromatography of Some Trace Metals, W74-00252 7-01 2K
Tardigrada of the Chesapeake Bay,	Sensitivity of Southern Peas to Plant Water	W 14-00252 1-01 2R
W74-00909 7-02 2L	Deficit at Three Growth Stages,	HILL, M.
HIGHTOWER, G. R.	W74-10340 7-19 3F	GlaciersA Picture Story,
Research and Development of Composite	Time It Right,	W74-06276 7-12 2C
Membrane Technology,	W74-09795 7-18 3F	
W74-11825 7-22 3A	W14-07/75	HILL, M. E. Heavy Manure Applications: Benefit or Waste,
	HILF, J. W.	W74-09698 7-18 5D
HIGLEY, D. L.	Foundations and Construction Materials,	W 14-03036 7-16 3D
Ecology and Production of Juvenile Spring	W74-01063 7-02 8A	HILL, R.
Chinook Salmon, Oncorhynchus Tshawytscha,	HILL, B. J.	Regulation of Subsurface Disposal in Texas,
in a Eutrophic Reservoir, W74-12692 7-23 5C	Salinity and Temperature Tolerance of Zoeae	W74-10871 7-20 5B
W14-12092 1-23 3C	of the Portunid Crab Scylla Serrata,	HILL, R. D.
HIGLEY, P. D.	W74-11950 7-22 5C	Control and Prevention of Mine Drainage,
Rapid Coastal Bottom Water Temperature	HILL, C. T.	W74-09214 7-17 5D
Rises,	Thermal Pollution and its Control,	
W74-11901 7-22 2L	W74-04234 7-08 5B	Mine Drainage Pollution Control Via Reverse
HICMAN D		Osmosis,
HIGMAN, D. Emergent Vascular Plants of Chesapeake Bay	HILL, D. E. Inland Wetland Soils,	W74-07881 7-15 5D
Wetlands.	W74-08160 7-16 2G	Reverse Osmosis-Neutralization Process for
W74-00902 7-02 2L		Treating Mineral Contaminated Waters,
	HILL, D. M.	W74-08041 7-15 5D
HIGUCHI, H.	Ground Water Quality and Solid Waste	
Hydraulic Model Experiment on the Duffusion	Management A Selective Bibliography, W74-09319 7-18 5E	Soil Moisture Under Forest, Bukit Timah Na-
Due to the Coastal Current,	W/4-09319 /-18 3E	ture Reserve, Singapore, W74-05947 7-11 2G
W74-04628 7-09 5B	HILL, D. P.	W/4-03747 /-11 20
Observations of the Transformation of Ocean	Coastal Wetlands in New England,	HILL, R. W.
Wave Characteristics Near Coasts by Use of	W74-06967 7-13 5G	Computer Simulation of the Hydrologic and
Anchored Buoys,	HILL, F. F.	Salinity Flow Systems Within the Bear River
W74-03676 7-07 8B	Structure and Mechanism of Precipitation and	Basin, 7.10 SP
menen v	the Effect of Orography in a Wintertime Warm	W74-04860 7-10 5B
On the Possibility of Artificial Control of the	Sector,	HILL, T. C.
Mass Balance of a Perennial Snow Patch,	W74-12975 7-24 2B	Enlargement of the Chesapeake and Delaware
W74-09342 7-18 2C	HILL, G. W.	Canal, Hydraulic and Mathematical Model In-
7-10 20	Data on Selected Lakes in Washington, Part II,	vestigation,
HILBERT, F.	W74-12341 7-23 5A	W74-05036 7-10 8B
Production and Release of Radioactive Kryp-	The Hydrology of Ten Streams in Western	HILLBRICHT-ILKOWSKA, A.
ton- and Xenon-Isotopes by Nuclear Power	Washington as Related to the Propagation of	Field Experiment on the Factors Controlling

Several Pacific Salmon Species,

The Determination of Part-Per-Billion Levels

of Citric and Nitrilotriacetic Acids in Tap Water and Sewage Effluents,

W74-02297

W74-01772

HILL, H. H.

Primary Production of the Lake Plankton and

Long-Term Changes in the Plankton of Eutrophic Mikolajskie Lake as an Effect of Ac-celerated Eutrophication,

7-10 5C

7-22 5C

Periphyton,

W74-05056

W74-11482

7-05 8I

7-04 5A

Plants and Reprocessing Plants and the Ex-

pected Radiological Burden Till the Year 2000,

(Erzeugung und Freisetzung von radioaktiven

Krypton- und Xenon-isotopen durch Kernreak-

toren und Wiederaufarbeitung sanlagen und die

voraussichtliche radiologische Belastung bis zum Jahr 2000), W74-12971 7-24 5A

Morphological Variation of Kera	itella cochlearis	HINDALL, S. M.		HINNERS, T.	
(Gosse) (Rotatoria) in Several M		Water Resources of Wisconsin, St.	Croix River	Polychlorinated Biphenyl Residue	es in Human
of Different Trophic Level,	audum Dunes	Basin.		Plasma Expose a Major Urb	
W74-04696	7-09 5C	W74-04275	7-08 7C	Problem,	
				W74-02078	7-04 5B
HILLEGAS, B.		HINDMAN, E. E. II.			
Economic, Social and Environi		Cloud-Particle Samples and Water		HINO, K.	
of Public Works, Vol. I Pittsbi		from a 1969 Stormfury Cloudline Cu		Numerical Prediction on Typhe	oon Tide in
dies, Vol. II. The Alegheny C		W74-10254	7-19 3B	Tokyo Bay,	
Authority (AlCoSan) Facility, \	Vol. III. Impact	Engineering Fog-Modification Exp	eriments by	W74-04971	7-10 2L
Analysis,	7 10 (1)	Computer Modelling,	criments by	Response Characteristics of Toky	vo Bay to In-
W74-05231	7-10 6B	W74-10255	7-19 3B	cident Long Waves,	
Sewage Collection and Treatme	ent Systems: Is-	111110255	1-12 30	W74-03706	7-07 2L
sues in and Approaches to Impa		Reaction of Hygroscopic Particles	to a Warm		
W74-05241	7-10 6B	Fog,		HINO, M.	
		W74-10253	7-19 3B	Numerical Prediction on Typh	oon Tide in
HILLEL, D.		W F. Dissessit Testalesses		Tokyo Bay,	
Relation Between Evapotranspi	ration Rate and	Warm Fog Dispersal Techniques,	201 20	W74-04971	7-10 2L
Maize Yield,		W74-11200	7-21 3B	Response Characteristics of Toky	vo Ray to In-
W74-10339	7-19 2D	HINDMAN, G. D.		cident Long Waves,	yo bay to m
Waterproofing Surface-Zone S	Soil Apprepates	The Determination of Cadmium by	Atomic Ab-	W74-03706	7-07 21
for Water Conservation,	on Aggregates	sorption in Air, Water, Sea Water			
W74-12289	7-23 2G	with a R.F. Carbon Bed Atomizer,		HINOJOSA, E.	
		W74-01441	7-03 5A	Cell Wall Properties of Cotton	Roots as In-
HILLER, D.				fluenced by Calcium and Salinity,	
Contributions to the Knowledge		HINDS, W. T.		W74-08808	7-17 30
Biology and Ecology of Fresh		Terrestrial Ecology,		HINOTOGA M	
From the Neighborhood of Ha	mburg, (in Ger-	W74-09239	7-17 5C	HINOJOSA, M. Water-Borne Transmission	on of
man),		HINES, N. W.		Chloramphenicol-Resistant Salmo	
W74-06420	7-12 2H	Rational Institutional Arrangement	ts for Water	Mexico.	mena typni ii
HILLESTAD, H. O.		Resources Management,	is for water	W74-10906	7-21 50
Survey of Economic-Ecologic I	mnacts of Small	W74-10901	7-21 6E	117-10300	7-21 30
Watershed Development,	inpacts of omair			ніпомото, н.	
W74-11680	7-22 6B	HINES, R. S.		Determination of Investment Cost	t Functions of
		Ichthyophthirius Multifilis (Fouq		Water Treatment Plants,	
HILLMAN, G. R.		Mirror Carp, Cyprinus Carpio L.:	I. Course of	W74-10691	7-20 SF
Using Potential Flow Theory to		Infection,		HINDION H	
Moisture Distribution About an		W74-13397	7-24 5C	HINRICH, H.	os of Bottom
W74-12842	7-24 2G	HINES, W. G.		Bedload Measurement by Mear Plates and Bedload Samplers with	
HILLYARD, S. D.		A Review of Wastewater Problems	s and Waste-	Attachments,	Trydrophone
Respiration and Thermal Tole	erance of Phyl-	water Management Planning in th		W74-11543	7-22 71
lopod Crustacea Triops long		cisco Bay Region, California.,			
Thamnocephalus platyurus In		W74-05863	7-11 5D	HINSON, B.	
Ephermeral Ponds,				Monitoring Channel Catfish Use	of a Demand
W74-03090	7-06 2H	HINESLY, T. D.		Feeder,	
		Biotoxic Elements in Soils,		W74-01237	7-03 8
HILSEN, N. B.		W74-12883	7-24 5D	HINTON, D. E.	
Development of a Prototyp		The Land Treatment Process for	Wastewater	Enzyme and Tissue Alterations	in Eichae: (
Retrival Network for Water Re	source Informa-	Renovation,	W asic water	Measure of Water Quality.	III Fishes. A
tion, W74-02821	7-06 10B	W74-09486	7-18 5D	W74-05540	7-11 50
W 74-02621	/-00 IUD			11 14 03310	7-11 30
HILST, G. R.		Water Renovation for Unrestricted	Re-Use,	Renal Tubular Morphology in the	Channel Cat
The Development and Prelimin	nary Application	W74-04034	7-08 5D	fish (Ictalurus punctatus) Kidney,	
of an Invariant Coupled Diffus	ion and Chemis-			W74-10318	7-19 50
try Model,		HINGE, D. C.			
W74-01095	7-02 5A	Sampling and Analysis of Chemic	al Pollutants	Use of Histologic and Histoche	
		in River Water,	7.02 54	ments in the Prognosis of th	e Effects o
HILTON, G. M.	al Dellution bu	W74-00773	7-02 5A	Aquatic Pollutants, W74-12187	7-23 5/
Remote Detection of Aerose ERTS,	of Pollution by	HINGLEY, J.		W /4-1210/	1-23 32
W74-02575	7-05 7B	An Assessment of the Assimilation	n of Elemen-	HIPKIN, C. R.	
H 14-02313	7-U3 /B	tal Phosphorus by Newfoundland		The Appearance of Nitrate Redu	ctase Activity
HIMMELBLAU, D. M.		ganisms in the 1969 Pollution Pro		in Nitrogen-Starved Cells of A	nkistrodesmu
The Optimal Expansion of a V	Water Resources	1970 Monitoring Operations,		Braunii,	
Systems,		W74-00709	7-02 5C	W74-02929	7-06 50
W74-03754	7-08 6A	DINDIEV T		HIDANO T	
Stanbartia Abuilt of Calut	rinatio Elecani.	HINKLEY, T. Alkali and Alkaline Earth Metals:	Distribution	HIRANO, T. The Geothermal System of the	Kakona Va
Stochastic Analysis of Orthol	tinetic rioccula-	and Loss in a High Sierra Nevada		cano,	Kakone Vo
tion, W74-09719	7-18 5D	W74-10667	7-20 2K	W74-08993	7-17 2
	(*10 JD		1 WW 446		

HINMAN, A.
Organic Mercury Poisoning in Alamogordo,
New Mexico,
W74-06807 7-13 5C

7-18 5D

HIMSLEY, A.
Sodium Recovery from a Pulp Mill Waste Effluent by Ion Exchange,
W74-02259 7-05 5D

7-17 2F

HIRAYAMA, H.

W74-11110

Fluorimetric Determination of Carbohydrates in Sea Water,

HIRES, R. I.

HIRES, R. I.		
HIRES, R. I. Model Study of the Dilution of Soluble Liquids Discharge from Tankers,	um-Iron Mixtures and the Influence of Chromi- um on the Process, W74-08674 7-16 5A	Water Quality Improvement of Stratified Im- poundments by Selective Withdrawal of Bot- tom Waters,
W74-08451 7-16 5B	HITCHCOCK, R. L.	W74-12370 7-23 5G
HIRO, M. Distribution and Standing Crops of	Water-Level Transducers, W74-11498 7-22 7B	HO, P. H. P. Riverine Recreational DevelopmentMathe-
Chironomid-Larvae in Shiozu Bay of Lake Biwa (In Japanese),	HITCHCOCK, S. W.	matical Modeling, W74-05958 7-12 5B
W74-07101 7-14 5C	Can We Save Our Salt Marshes, W74-05803 7-11 2L	но, р. у.
HIROSE, H. On Mallomonas lelymeme Harris Et Bradley	HITCHON, B.	Evaporation from an Irrigated Rice Crop in a
(Chrysophyceae), (In Japanese), W74-02550 7-05 2H	Application of Geochemistry to the Search for Crude Oil and Natural Gas,	Semi-Arid Region, W74-07096 7-14 2D
HIROSE, K.	W74-07161 7-14 4B	HO, S.
The Friction Factors of Oscillating Pipe Flows, W74-08259 7-16 8B	Source and Budget of Sulfate in Precipitation from Central Alberta, Canada, W74-07164 7-14 5B	Chemical Treatment of Leachates from Sanitary Landfills, W74-13305 7-24 5D
HIRSCH, A. A. Effect of Watershed Area Oil Fields on Water	HITE, J. C.	HOAG, D. H.
Quality, W74-05079 7-10 5B	Environmental Planning: An Economic Analysis. Applications for the Coastal Zone,	Sludge Tank with Self-Cleaning Screen and Screen for Use Therein,
HIRSCH, D. E.	W74-07534 7-14 6B	W74-05687 7-11 5D
Analyzing Heavy Ends of Crude, W74-02378 7-05 5A	HITES, R. A. Analysis of Trace Organic Compounds in New	HOARAU, J. Red Light and Nitrogen Starvation Induced
Compositional Studies of a High-Boiling 370- 535 C Distillate from Prudhoe Bay, Alaska,	England Rivers, W74-03553 7-07 5A	Changes in Pigment Composition (Phycoerythrin, Chlorophyll Forms) and Photosynthetic 02 Evolution of Porphyridium
Crude Oil, W74-00258 7-01 5A	HIXON, S. B. Unsupervised Classification and Areal Mea-	Sp. (Effets de la Lumiere Rouge et de la Carence en azote sur la composition pigmen-
HIRSCH, R. F.	surement of Land and Water Coastal Features on the Texas Coast,	taire (phycoerythrine, holochromes chlorophyl-
Gas-Solid Chromatography on Macroreticular Cation Exchange Resins,	W74-06706 7-13 2L	liens) et l'emission d'02 photosynethetique de porphyridium sp).,
W74-01495 7-03 5A	HJELJORD, O. Studies of Re-Vegetation in Vehicle Tracks in	W74-02964 7-06 5C
HIRSHON, B. E. Method and Apparatus for Aerating Bodies of	Svalbard. (in Norwegian), W74-08116 7-15 4A	HOBBIE, J. E. Nitrogen Budget of a North Carolina Estuary,
Water, W74-08031 7-15 5G	HJELMFELT, A. T. JR.	W74-05954 7-12 5C
HIRST, D. M.	Optimization of Operation of a System of Flood Control Reservoirs,	Output of Phosphorus, Dissolved Organic Car- bon, and Fine Particulate Carbon from Hub-
Geochemistry of Sediments from Eleven Black Sea Cores,	W74-04858 7-10 4A	bard Brook Watersheds, W74-02759 7-06 2K
W74-12387 7-23 2J	HLADKA, A. Isolation and Cleanup of Organophosphorus In-	HOBBS, E. H.
HIRST, E. Zone of Flow Establishment for Round	secticides and Their Oxones from Animal Tissues,	Crop Cooling with Sprinklers, W74-08271 7-16 3F
Buoyant Jets, W74-04657 7-09 5B	W74-02403 7-05 5A	HOBBS, E. W.
	HLAVKA, G. E.	A Weighing System for Lysimeters,
Water Reuse and Recycle in Kraft Bleacheries, W74-07394 7-14 5D	Sources of Trace Metals from Highly-Ur- banized Southern California to the Adjacent Marine Ecosystem,	W74-11277 7-21 2D HOBBS, F. D.
Water Reuse and Recycle in the D(C)EDED	W74-09209 7-17 5B	Annual Environmental Monitoring Report - Rocky Flats Plant, (Colorado), January
Bleach Sequence, W74-07377 7-14 5D	HLOBA, L. I. The Ability of Some Minerals to Adsorb	Through December, 1972, W74-09843 7-19 5A
HITCHCOCK, P. H. Mass and Charge Transfer Kinetics and Cou-	Viruses from Water(In Ukrainian), W74-03978 7-08 5F	HOBBS, J. J.
lometric Current Efficiencies. Part VII. Condi- tional Potentials, and Single-Scan Voltammetry of Pure Vanadium(IV) - Vanadium(IV) Systems	HO, A. Y. W. Gradient Titration-A Novel Approach to Con-	Comparing the Quality of Our Waters, W74-02428 7-05 5A
in Various Media at Platinum Elec trodes Pre-	tinuous Monitoring Using ion-selective Electrodes,	HOBBS, N. Computer Modeling Applications in Urban
Treated By Five Methods, W74-07557 7-14 2K	W74-05303 7-10 2K	Water Planning, W74-09654 7-18 6A
Mass and Charge Transfer Kinetics and Cou-	HO, D. V. Climb of a Bore on a Beach. Part I. Uniform	
lometric Current Efficiencies. Part VIII. Single- Scan Voltammetry of Vanadium(V) - Vanadi-	Beach Slope, W74-00035 7-01 2L	HOBEN, D. A. Some observations on the Incorporation of Novobiocin Into Hektoen Enteric Agar for Im-
um(IV) in the Presence of Chromium, Man- ganese and Iron, and the Kinetic Parameters of the Vanadium System, at Platinum Electrodes	Long Surf, W74-01203 7-03 2E	proved Salmonella Isolation, W74-00617 7-02 5A
Pre-Treated by Five Methods,	HO I C	HOBSON, G. D.

Planar and Axisymmetric Bottom Withdrawal from a Density-Stratified Reservoir,

7-14 4A

HOBSON, G. D.

Mapping and Predicting Permafrost in North
America: A Review, 1963-1973,
W74-04398 7-09 2C

W74-07558

Potentiostatic Coulometric Determination of Vanadium, Vanadium-Manganese and Vanadi-

7-14 5A

W74-07340

HODKINSON, M.

HOFFMAN, G. J.

HOCKING, D.	HODKINSON, M.	HOFFMAN, G. J.
Extruded Peat Cylinders: Their Physical	Interactions Between DDT and River Fungi. 11.	Humidity Effects on Yield and Water Relations
Characteristics as Affecting Tree Seedling	Influence of Culture Conditions on the Com- patibility of Fungi and p,p'-DDT,	of Nine Crops,
Growth and Greenhouse Drought Tolerance,	W74-06123 7-12 5C	W74-09796 7-18 3C
W74-07180 7-14 2I		Salinity-Ozone Interactive Effects on Yield and
HOCUTT, C. H.	HODSON, W. G.	Water Relations of Pinto Bean,
Additions to the West Virginia Ichthyofauna,	Records of Water Wells, Springs, Oil- and Gas- Test Holes, and Chemical Analyses of Water	W74-06070 7-12 3C
with Comments on the Distribution of Other	for the Madison Limestone and Equivalent	Salinity-Ozone Interactive Effects on Yield and
Species, W74-10800 7-20 2H	Rocks in the Powder River Basin and Adjacent	Water Relations of Pinto Bean,
W74-10800 7-20 2H	Areas, Northeastern Wyoming,	W74-08922 7-17 5C
Rotenone Methods in a Large River System,	W74-08296 7-16 4B	MORPHAN I
W74-02736 7-06 81	Water Resources of the Powder River Basin	HOFFMAN, I. Determination of Meleic Hydrazide Residues in
HOOLER C. H. AND	and Adjacent Areas, Northeastern Wyoming,	Tobacco and Vegetables.
HOCUTT, C. H. AND Hybridization Between the Darters Percina	W74-12056 7-23 7C	W74-01418 7-03 5A
crassa roanoka and Percina oxyrhyncha	HOEHN, R. C.	
(Percidae, Etheostomatini), with Comments on	Effects of Thickness on Bacterial Film,	HOFFMAN, J. I. The Effect of an Artificial Lake Development
the Distribution of Percina crassa roanoka in	W74-07545 7-14 5C	Complex on the Groundwater System,
New River,	Sensitivity of Three Selected Bacterial Species	W74-09591 7-18 5B
W74-04472 7-09 2E	to Ozone.	
HODDER, D. T.	W74-01553 7-03 5F	HOFFMAN, L. H.
Evaluation of Water Penetration Photography	HOPKSTDA A I	Maternal-Fetal Transfer of Organic and Inor-
for Bottom Sediment Mapping in Little Harbor,	HOEKSTRA, A. J. Transport Patterns in the Chao Phya Estuary,	ganic Mercury Via Placenta and Milk, W74-12495 7-23 5B
Catalina Island,	W74-03693 7-07 2L	# /4-12475 7E
W74-01949 7-04 7B		HOFFMAN, L. R.
HODDER V M	HOEKSTRA, P. AND Electromagnetic Probing of Permafrost,	Ultrastructure of the Green Alga
HODDER, V. M. Symptoms of 'Red' Herring in Relation to the	W74-04400 7-09 2C	Dichotomosiphon tuberosus with Special
Mass Mortalities in Placentia Bay, February-		Reference to the Occurrence of Striated Tu- bules in the Chloroplast.
April 1969.	HOEKSTRA, W. G.	W74-04881 7-10 5C
W74-00711 7-02 5C	Antagonistic Effect of Arginine on Zinc Metabolism in Chicks,	7-10 30
	W74-07955 7-15 5C	HOFFMAN, T. W.
HODGE, C. O.		Simulation of a Petroleum Refinery Waste
Plastic Oases for Arid Seashores, W74-06468 7-12 3A	HOELL, K.	Treatment Process,
W /4-00408 /-12 3A	Water. Examination. Assessment. Condition- ing. Chemistry. Bacteriology. Biology,	W74-03467 7-07 5D
HODGE, V. F.	W74-01236 7-03 5F	HOFFMAN, W.
Concentrations of Plutonium, Cobalt, and		Fluorophene, a Possible Control of Japanese
Silver Radionuclides in Selected Pacific	HOESE, H. D. A Trawl Study of Nearshore Fishes and Inver-	Oyster Drills on Oyster Grounds,
Seaweeds, W74-01297 7-03 5	tebrates of the Georgia Coast,	W74-01918 7-04 5G
W 14-01291 1-03 3	W74-13475 7-24 2L	Oyster Drill Investigations,
HODGES, C. N.	HOPV C B	W74-01919 7-04 5G
Plastic Oases for Arid Seashores,	HOEY, G. R. Influence of Water Quality on the Corrosion	HOPEMEICTER I F III
W74-06468 7-12 3A	and Electrochemical Behavior of Mild Steel in	HOFFMEISTER, J. F. III Economics of Inland Water Transport,
The Use of Desalted Seawater for Intensive	Synthetic Acid Mine Waters,	W74-08508 7-16 4A
Agricultural Applications, (El Uso de Agua de	W74-07876 7-15 8G	
Mar Desalada Para Intensivas Aplicaciones	HOFFERBERT, W. L.	HOFFSOMMER, J. C.
Agricolas),	Development of Polyamide Membranes for Sea	Analysis of Explosives in Sea Water and in
W74-02359 7-05 3A	Water Desalination,	Ocean Floor Sediment and Fauna, W74-00285 7-01 5A
HODGES, L.	W74-01933 7-04 3A	7-01 3A
Environmental Pollution, A Survey Emphasiz-	HOFFMAN, B.	Thin-Layer Chromatographic Analysis of HMX
ing Physical and Chemical Principles,	Liquid Composting of Dairy Cow Waste,	in Water,
W74-02002 7-04 5B	W74-10310 7-19 5D	W74-06033 7-12 5A
	HOFFMAN, B. J.	HOFMANN, H. A.
HODGES, L. R.	Pollution Skimmer,	The Role of Shell Material in the Natural Sand
Persistence and Movement of DBCP in Three Types of Soil,	W74-00084 7-01 5G	Replenishment Cycle of the Beach and
W74-12310 7-23 5B	HOFFMAN, C. E.	Nearshore Area Between Lake Worth Inlet and
	Limnological, Ichthyological, and Parasitologi-	the Miami Ship Channel, W74-03610 7-07 2L
HODGSON, K. O.	cal Investigations on Arkansas Reservoirs in	7-07 21.
Review of Precast Prestressed Concrete Water	Relation to Water Quality, W74-13167 7-24 2H	HOFMANN, W.
Storage Reservoirs, W74-08906 7-17 8F	W74-13167 7-24 2H	Design Criteria and Research Needs,
7-1/ 8F	HOFFMAN, C. J.	W74-09400 7-18 4A
HODGSON, W. A.	Outlet Works,	Recording Floods and Flood Damage,
Coastal Processes Around the Otago Peninsula,	W74-01068 7-02 8A	W74-09397 7-18 4A
W74-00521 7-01 2J	Spillways,	HOPOTETER ADDIANCE
HODGSON, W. F.	W74-01067 7-02 8A	HOFSTETTER, ADRIAN M. Effect of Industrial Wastes of Memphis and
Method for the Selective Enumeration of Blue-	HOFFMAN, D. A.	Shelby County on Primary Planktonic Produ-
Green Bacteria in Water,	Lake Mead, a Case History,	cers,
W74-02974 7-06 5A	W74-08748 7-17 4A	W74-08840 7-17 5C

HOFSTRA, W. E.

IOFSTRA, W. E.	HOLCIK, J.	HOLLENBERG, G. J.
Digital Model of the Hydrologic System,	The Density and Production of Fish Popula-	Culture Studies of Marine Algae. I. Eisenia Ar-
Northern High Plains of ColoradoA Prelimi-	tions in the Klicava Reservoir (Czechoslovakia)	borea,
nary Report,	and Their Changes During the Period 1957-	W74-08733 7-17 2I
W74-00330 7-01 2F	1970,	
	W74-11169 7-21 2H	HOLLEY, E. R.
Digital Model of the Ogallala Aquifer of the		Field Tests on Transverse Mixing in Rivers,
Northern Part of the Northern High Plains of	HOLDEN, A. V.	W74-02318 7-05 5B
Colorado,	International Cooperative Study of Or-	
W74-11741 7-22 2F	ganochlorine and Mercury Residues in Wildlife,	HOLLEY, K. R.
	1969-71,	Reservoir Project Reauthorization: Examples
Water-Level Records for the Northern High	W74-06053 7-12 5A	of Past Use and Analysis of Application to
Plains of Colorado, 1970-74,		Lake Lanier.
W74-08381 7-16 4B	HOLDEN, W. R.	W74-13046 7-24 4A
	Well Imaging and Fault Detection in Anisotrop-	W 14-13040 7-24 4A
IOGAN, C. M.	ic Reservoirs.	HOLLEY, W. H. JR.
Statistical Prediction of Equilibrium Tempera-	W74-03168 7-06 8B	The Impact of Water Pollution Abatement on
ture from Standard Meteorological Data Bases,		
W74-03330 7-07 5A	HOLDSWORTH, G.	Competition and Pricing in the Alabama Paper
	Evidence of a Surge on Barnes Ice Cap, Baffin	Industry,
HOGAN, J. W.	Island,	W74-03752 7-08 5D
Hexachlorobenzene (HCB) Residues in Fish,	W74-00537 7-01 2C	P 1 0
W74-11331 7-21 5C	114-00337	Research on Composite Hollow Tubules,
72. 50	Ice Calving into the Proglacial Generator Lake,	W74-00315 7-01 3A
łOGG, N. G.	Baffin Island, N.W.T., Canada,	
Longshore Current Generation by Obliquely In-	W74-01376 7-03 2C	Research on Composite Hollow Tubulets,
cident Internal Waves,	W/4-013/0	W74-00317 7-01 3A
W74-01650 7-03 2E	HOLE, F. D.	
W 74-01030	Environmental Status of the Lake Michigan	HOLLICK, A. L.
HOGGINS, F. E.	Region: Volume 9. Soils of the Lake Michigan	United States Oceans Politics,
Natural Dispersion of Mercury from Puhipuhi,	Drainage BasinAn Overview,	W74-06329 7-12 6E
Northland, New Zealand,	W74-13169 7-24 2G	
W74-01307 7-03 5B	W /4-13109 /-24 20	HOLLING, C. S.
W 74-01307 7-03 3B	Lower Wisconsin River Valley Soil Resources	Resilience and Stability of Ecological Systems,
HOGLUND, B.	and Use Potentials,	W74-05727 7-11 5C
Studies of the Sinking Plume Phenomenon,	W74-02957 7-06 4A	W14-03121
	W/4-0293/ /-00 4A	HOLLINGER, J. P.
W74-02644 7-05 5C	HOLGUIN, O. V.	The Determination of Oil Slick Thickness by
HOGLUND, C. R.	Castaic Lake Area Recreation Development	Means of Multifrequency Passive Microwave
Implications of State Environmental Legisla-	Plan,	Techniques,
tion on Livestock Waste Management,	W74-03481 7-07 6B	W74-12644 7-23 5A
W74-09670 7-18 5G	HOLE II	
TOCOTROL II	HOLJE, H.	Measurements of the Distribution and Volume
HOGSTROM, U.	Water Resource Development Problems in a	of Sea-Surface Oil Spills Using Multifrequency
Residence Time of Sulfurous Air Pollutants	Rural Area in Transition,	Microwave Radiometry,
from a Local Source During Precipitation,	W74-00173 7-01 6A	W74-10429 7-20 5B
W74-08690 7-16 5A	HOLLAND D. I	
HOLDERG	HOLLAND, D. L.	HOLLIS, J.
HOIBERG, A. J.	The Effect of Supplementary Algal Feeding of	Demographic Effects of Water Development,
Investigation of Porous Pavements for Urban	a Hatchery Breeding Stock of Ostrea Edulis L.	W74-00443 7-01 6D
Runoff Control,	on Larval Vigour.	
W74-05411 7-11 5D	W74-13042 7-24 8I	HOLLISTER, C. D.
	200001000000000000000000000000000000000	Current-Controlled Abyssal Sedimentation:
HOICKA, J.	HOLLAND, J. S.	Samoan Passage, Equatorial West Pacific,
Pollution Abatement and Unemployment. A	Galveston Bay Benthic Community Structure	W74-10364 7-20 2J
Methodological Study,	as an Indicator of Water Quality,	7-20 23
W74-01835 7-04 5G	W74-13464 7-24 5A	HOLLMAN, K. W.
		A Conceptual and Empirical Analysis of Water
HOJDA, K.	HOLLAND, W. E.	
Diatoms of the Upper Course of the Stream	High Sensitivity Laser Absorption Spectrosco-	Pricing in Mississippi Municipalities,
Sanka (Cracow-Czestochowa Upland), (In	py of Laboratory Aqueous Solutions and of	W74-13054 7-24 6B
Polish),	Natural Missouri Waters. A Feasibility Study,	HOLLOGHED T. C.
W74-01258 7-03 2I	W74-01658 7-04 2K	HOLLOCHER, T. C.
		Lung Cancer Among Uranium Mine Workers,
HOKANSON, K. E. F.	Infrared Reflectance Measurements of Missou-	W74-08952 7-17 5C
Temperature Requirements for Embryos and	ri Waters for Water Quality Applications,	
Larvae of the Northern Pike, Esox lucius	W74-01659 7-04 5A	The Nuclear Fuel Cycle A Survey of the
(Linnaeus),		Public Health, Environmental and National
W74-04670 7-09 5C	HOLLAND, W. H.	Security Effects of Nuclear Power,
1-09 3C	Versatile Computer Generated Variable Ac-	W74-08947 7-17 5C
Thermal Requirements for Maturation,	celerating Voltage Circuit for Magnetically	
Spawning, and Embryo Survival of the Brook	Scanned Mass Spectrometers. Use for Assays	Radiation Hazards From the Misuse of Urani-
Trout, Salvelinus fontinalis,	in the Picogram Range and for Assays of Stable	um Mill Tailings,
W74-02868 7-06 5C	Isotope Tracers,	W74-08951 7-17 5C
7-00 30	W74-01335 7-03 2K	717 50
HOKE, B.	1-03 2K	Storage and Disposal of High Level Wastes,
Method for Treating Waste Waters,	HOLLAND, W. J.	W74-08948 7-17 5C
W74-12440 7-23 5D	Pyridine Ketoximes as Analytical Reagents:	7-17 30
1-23 3D	The Control of the Co	HOLLOWAY C F

Pyridine Ketoximes as Analytical Reagents: The Spectrophotometric Determination of Cobalt with 2-Pyridyl-2-Thienyl-Beta-Ketox-

7-05 5A

ime, W74-02364 HOLLOWAY, G. E.
Arsenic and Antimony in Laundry Aids by Instrumental Neutron Activation Analysis,
W74-06030 7-12 5A

HOLBO, H. R.

Studies of the Forest Energy Budget, W74-06518 7-13 2D

HOLLOWELL, J. K.	Water Overlity Criteria Data Book Vol 6 F6	Laboratory Study of Colf Cooling Limestone
Ground-Water Conditions Caused by Tropical	Water Quality Criteria Data Book - Vol. 5 - Ef-	Laboratory Study of Self-Sealing Limestone
Storm Agnes, W74-09532 7-18 4B	fects of Chemicals on Aquatic Life, W74-10541 7-20 5C	Plugs for Mine Openings, W74-04559 7-09 5G
HOLLYDAY, E. F.	HOLSEN, H.	HOLWAY, J. E.
Hydrogeology of the Formation and	Fluorescence Spectroscopic Determination of	Sulphamerazine Toxicity in Cut-Throat Trout
Neutralization of Acid Waters Draining from		Broodfish Salmo clarki (Richardson),
Underground Coal Mines of Western Mary-	Anti-Ovulatory Steroids in Water and Water and Waste Water on the Thin Layer Chro-	W74-11068 7-21 5C
land, W74-09369 7-18 5B	matography Plate, (in Russian), W74-11195 7-21 5A	HOLZER, T. L. Hydrogeologic Investigation of a Sanitary
HOLM, H. W.	Investigations on the Problem of Solubility and	Landfill in Stratified Glacial Drift,
Effects of Protozoa on the Fate of Particulate Carbon.	Stability of Steroid Ovulation Inhibitors in	W74-07728 7-15 5B
W74-01117 7-03 5C	Water, Waste Water and Activated Sludge, (In German),	Inland Wetlands and Ground Water in Eastern Connecticut.
HOLM, R. A.	W74-08133 7-15 5A	W74-08162 7-16 2F
Treatment of Sulfite Evaporator Cendensates	HOLT, C. C.	
for Recovery of Volatile Components,	Optimal Investment Orders Under Uncertainty	HOLZMACHER, R. G.
W74-09066 7-17 5D	and Dynamic Costs: Theory and Estimates,	Groundwater Recharge with Treated Waste- water,
HOLMAN, M. A.	W74-03199 7-06 6B	W74-05552 7-11 5D
Determinants of Use of Water-Based Recrea- tional Facilities.	HOLT, D. R.	HOLZWORTH, R. T.
W74-07058 7-14 6B	Nature and Stability of Complex Mercury	County Water System Solves Dry Area
	Compounds in Surface and Ground Waters,	Problems,
HOLMBERG, B.	W74-02441 7-05 5A	W74-10894 7-20 6D
Metabolic Effects of Technical Pen-	HOLT E	
tachlorophenol (PCP) on the Eel Anguilla an-	HOLT, E. Annual Environmental Monitoring Report of	HOM-MA, M.
guilla L.,	Stanford Linear Accelerator Center (California)	Field Investigation Practices of Coastal Studies
W74-00482 7-01 5C	- January-December 1972,	in Japan, W74-04625 7-09 2L
HOLMBOE, E. L.	W74-09858 7-19 5A	
Maritime Accidental Spill Risk Analysis: Phase	HOLT I I	Response Characteristics of Underwater Wave
I: Methodology Development and Planning,	HOLT, J. J.	Guide,
W74-10619 7-20 5B	Drastic Beach Changes in a Low-Energy En- vironment Caused by Hurricane Betsy,	W74-03677 7-07 8B
HOLMES, C. W.	W74-04756 7-09 2J	HOM-MA, M. AND
Migration and Redistribution of Zinc and Cad-	W14-04/30	Rhythmic Pattern of Longshore Bars Related to
mium in Marine Estuarine System,	HOLT, R. F.	Sediment Characteristics,
W74-09777 7-18 5B	Nitrogen and Phosphorus Losses in Surface	W74-04750 7-09 2J
	Runoff from Agricultural Land as Influenced	
HOLMES, H.	by Placement of Broadcast Fertilizer,	Suspended Sediment Due to Wave Action,
Le (Leading Edge) FlowmeterA Unique Device for Open Channel Discharge Measure-	W74-04096 7-08 5C	W74-04747 7-09 2J
ment,	Sorption of Orthophosphate on the Surface of	HOM, W.
W74-11533 7-22 7B	Water Sample Containers,	Deposition of DDE and Polychlorinated
HOLMES, J. R.	W74-12307 7-23 5A	Biphenyls in Dated Sediments of the Santa Bar- bara Basin,
Photochemical Aerosol Formation in the At-	HOLER V. S.	W74-09097 7-17 5B
mosphere and in an Environmental Chamber,	HOLTE, K. E.	W 14-05051
W74-10955 7-21 5B	Environmental Survey of the Teton River and	HOMACK, P.
72. 55	Henry's Fork of the Snake River, W74-01839 7-04 4A	Utilization of Trickling Filters for Dual Treat-
HOLMES, L. W. J.	W14-01039 1-04 4A	ment of Dry and Wet Weather Flows,
Concentration of Proteinaceous Solids from	HOLTER, L. E.	W74-06508 7-13 5D
Aerated Swine Manure,	Radioactive Isotopes for Water-Input Profiles,	HOMMA, A.
W74-10140 7-19 5D	W74-10838 7-20 8G	Virus Concentration from Sewage,
HOLMES, W. F.		W74-01533 7-03 5D
Versatile Computer Generated Variable Ac-	HOLTON, R. L.	W/4-01555
celerating Voltage Circuit for Magnetically	Effects of Gamma Irradiation on the Main-	HOMNICK, D.
Scanned Mass Spectrometers. Use for Assays	tenance of Population Size in the Brine Shrimp,	In-Plant, Continuous Hot-Gas Blanching of
in the Picogram Range and for Assays of Stable	Artemia,	Spinach,
Isotope Tracers,	W74-07823 7-15 5C	W74-07368 7-14 3E
W74-01335 7-03 2K	Effects of Gamma Irradiation on the Reproduc-	HONIO T
WALLIAMEN B	tive Performance of Artermia as Determined by	HONJO, T. Studies on the Mechanisms of Red Tide Occur-
HOLMGREN, B.	Individual Pair Matings,	rence in Hakata Bay, 3. The Characteristics of
Survey of the Seasonal Snow Cover in Alaska, W74-08179 7-16 2C	W74-07822 7-15 5C	Effective Bottom Mud and Its Geographical
11-1001/7 /-10 ZC		Distribution Pattern, (In Japanese),
HOLMQUIST, C.	HOLTZHAUSER, W. R.	W74-11341 7-21 5C
Some Arctic Limnology and the Hibernation of	Maximizing Water Yield Through Well	
Invertebrates and some Fishes in Sub-Zero	DevelopmentTechnical Memo No. 2,	HOOD, D. W.
Temperatures.	W74-00943 7-02 8B	Chemical Oceanography of the Gulf of Alaska,

Temperatures, W74-03275

W74-04920

HOLMSTROM, B. K.

Hydrologic Characteristics of Alder Creek, Iron County, Wisconsin,

7-07 2H

7-10 4A

W74-03349

A Multispectral Study of an Extratropical Cyclone with Nimbus 3 Medium Resolution In-frared Radiometer Data,

W74-06428

HOOGERS, B. J.

W74-01010

Plankton Composition,

7-12 2L

Chemical Oceanography of the Gulf of Alaska,

Time-Tables as a Method to Record Changes in

HOOGEVEEN, G. J.

HOOGEVEEN, G. J.	The Interaction of Water with Organic Solute	HORN, M. H.
Aspects of Agricultural Use of Potato Starch	Species,	The Amount of Space Available for Marine and
Wastewater, W74-11356 7-21 3F	W74-03762 7-08 1B	Freshwater Fishes, W74-01561 7-03 2I
W/4-11330	Thermodynamics of Acid-Base Equilibria. II.	
HOOK, D.	Ionization of m- and p-Hydrox-	HORNBECK, R. W.
Permeability of the Cambium to Air in Trees	ybenzotrifluoride and the Concept of Fluorine	Numerical Marching Techniques for Fluid
Adapted to Wet Habitats, W74-01998 7-04 2I	Double Bond-No Bond Resonance, W74-01226 7-03 2K	Flows with Heat Transfer, W74-05128 7-10 8B
W /4-01376	W 14-01220 1-03 2K	W 74-05120
Root Adaptations and Relative Flood Tolerance	Thermodynamics of Acid-Base Equilibria. III.	HORNBURG, C. D.
of Five Hardwood Species,	Ionization of Substituted Anilinium Ions,	Commercial Desalting Plant Data and Analysis,
W74-12702 7-23 2I	W74-03140 7-06 1B	Volumes I-VI,
HOOK, J. E.	HOPKINS, S. H.	W74-08061 7-15 3A
Effects of Land Disposal of Wastewaters on	Annotated Bibliography on Effects of Salinity	HORNE, D. A.
Soil Phosphorus Relations,	and Salinity Changes on Life in Coastal	Sampling the Edible Muscle of the Swordfish
W74-12880 7-24 5D	Waters.	(Xiphias gladius) for Total Mercury Analysis,
HOOKE, R. LEB.	W74-05031 7-10 2J	W74-00052 7-01 5A
Flow Near the Margin of the Barnes Ice Cap,		HORNER, J.
and the Development of Ice-Cored Moraines,	The Brackish Water Clam Rangia Cuneata as	Esterification of (2,4-Dichlorophenoxy)Acetic
W74-01955 7-04 2C	Indicator of Ecological Effects of Salinity	Acid - A Quantitative Comparison of Esterifi-
	Changes in Coastal Waters,	cation Techniques,
HOOPER, F. F.	W74-08676 7-16 5C	W74-05312 7-10 5A
Organic Phosphorus Compounds of a Northern	The Occurrence and Distribution of the	710 511
Michigan Bog, Bog-Lake System,	Hydroids of the Galveston Bay, Texas, Area,	HORNER, R. A.
W74-06742 7-13 5C	W74-05529 7-11 2L	Studies on Organisms Found in Arctic Sea Ice,
Physical and Biological Dispersion of the		W74-07487 7-14 5C
Hypolimnetic Phosphorus of a Bog Lake	HOPKINS, W. B.	HODNEY I I
System,	Water Resources of the Northern Cheyenne In-	HORNEY, J. L. A New Multiparameter Separator for Micro-
W74-02047 7-04 5B	dian Reservation and Adjacent Area,	scopic Particles and Biological Cells,
	Southeastern Montana,	W74-03313 7-07 7B
Prediction of Environmental Quality in De-En-	W74-03809 7-08 7C	W 14-03313
riched Stream Systems,	HOPP, R. J.	HORNING, H. M.
W74-12347 7-23 5C	Phenology Satellite Experiment,	Technical Activities by FAO in the Transfer of
Preliminary Report of the Role of Sphagnum in	W74-01682 7-04 4A	Water Resources Knowledge to Developing Re-
the Cycling of Phosphorus in a Bog-Lake	7-04 4/4	gions,
System,	HOPPINS, R. A.	W74-00224 7-01 10A
W74-06743 7-13 5C	Structural Interpretations Based on ERTS-1	HORNING, R. H.
	Imagery, Bighorn Region, Wyoming-Montana,	The Effect of Selected Dyes in the Environ-
HOOPES, J. A.	W74-02568 7-05 7B	ment,
Dispersion of Substances from Well Recharge	HORWOOD . I	W74-12950 7-24 5C
Operations in an Anisotropic, Homogeneous Confined Aquifer,	HOPWOOD, A. J.	
W74-02454 7-05 2F	Thermal Effects of a Nuclear Power Plant on the Mississippi River at Monticello, Minnesota,	HORNSBY, A. G.
W 74-02454	W74-12200 7-23 5C	Solution and Adsorbed Fluometuron Concen-
Water Quality Improvement of Stratified Im-	W 74-12200 7-23 3C	tration Distribution in a Water-Saturated Soil:
poundments by Selective Withdrawal of Bot-	HOPWOOD, A. P.	Experimental and Predicted Evaluation,
tom Waters,	Method and Apparatus for Treating Effluent,	W74-08924 7-17 2G
W74-12370 7-23 5G	W74-04714 7-09 5D	HOROWITZ, A.
HOOVER, L. R.		An Additional Location of Metalliferous Sedi-
Development in Deep Sandstone Aquifer Along	HORDON, R. M.	ments in the Red Sea,
the Illinois River in La Salle County,	A Factor Analysis of Selected Water Quality	W74-05554 7-11 2J
W74-03163 7-06 4B	Variables in Central New Jersey During 1960-	
	1969, W74-05716 7-11 5B	HOROWITZ, H. S.
HOPEMAN, A. R.	7-11 3B	Effect of Partial Defluoridation of a Water Supply on Dental Fluorosis: Final Results in
Economics of Land Use Regulation in Flood	HORI, T.	Bartlett, Texas, After 17 Years,
Hazard Areas, W74-10529 7-20 6F	On the Water Quality of Lake Biwa, The Seta	W74-01578 7-03 5F
1-20 6F	River and some Rivers in Otsu City and the	
Minnesota Floods, 1972Costs, Programs and	Heavy Metal Content of Bottom Matters of	
Policy Implications,	Lake Biwa, (In Japanese),	Long-Term Olfactory 'Memory' in Coho Sal-
W74-10417 7-20 6F	W74-02935 7-06 5B	mon, Oncorhynchus Kisutch,
HOPFENBERG, H. B.	HORICK, P. J.	W74-13480 7-24 5C
Research on Advanced Membranes for Reverse	Mississippian Aquifer of Iowa,	HORROCKS, R. D.
Osmosis.	W74-04843 7-09 7C	A Computer Simulation of Corn Grain Produc-
W74-00318 7-01 3A		tion,
1-01 3/1	HORIKAWA, K.	W74-08917 7-17 3F
Research on Advanced Membranes for Reverse	Response Characteristics of Underwater Wave	
Osmosis,	Guide,	HORSEFIELD, D. R.
W74-11642 7-22 3A	W74-03677 7-07 8B	Factors in Regional Assessment of Wastewater
HOPKINS, H. P. JR.	A Study on Wave Transformation Inside Surf	Reuse,
	A Study on wave transformation inside Suri	W74-10016 7-19 5D

Influence of Solvation Factors on Acidity.

Volumes of Ionization of the Meta and Para

Isomers of Nitrophenol and Formylphenol in Water at 25 deg,
W74-03139 7-06 1B

Zone, W74-03682

W74-04747

Suspended Sediment Due to Wave Action,

HORSLEY, R. W.

The Bacterial Flora of the Atlantic Salmon (Salmo salar L.) in Relation to its Environment,

7-07 8B

7-09 2J

W74-07567

Reduction of BOD and Phosphate by Chemical

HOSENFELD, E.

HORST, R. L.

HORVATH, R.

Measurements Program for Oil-Slick Characteristics-Final Report,
W74-01941 7-04 5B

Effluent Charges-A Price on Pollution,

The State of the System (SOS) Model: Measur-

HOUSE, P. W.

W74-13320 7-24 5G	Precipitation. Utilisation of Sludge, W74-02267 7-05 5D	ing Growth Limitations Using Geological Con- cepts,
HORSTKOTTE, G. A.	W/4-0226/ /-03 3D	W74-07958 7-15 6G
Full-Scale Testing of a Water Reclamation	HOSKIN, C. M.	
System,	Accumulation of Sediment in Three Mississippi	HOUSEHOLDER, M. K.
W74-10349 7-19 5D	Reservoirs,	Sulfuric Acid and Ferrous Sulfate Recovery
HORSTKOTTE, G. A. JR.	W74-00561 7-02 2J	From Waste Pickle Liquor,
Pilot-Demonstration Project for Industrial	Remote Sensing Study of Land Use and Sedi-	W74-08945 7-17 5D
Reuse of Renovated Municipal Wastewater,	mentation in the Ross Barnett Reservoir,	HOUSER, E. W.
W74-00305 7-01 5D	Jackson, Mississippi, Area,	Nitrate in Surface and Subsurface Flow from a
	W74-11963 7-22 4A	Small Agricultural Watershed,
HORSTMAN, S.		W74-02150 7-04 5B
Aerosols of Lead, Nickel, and Cadmium,	HOSKING, R. J.	
W74-11716 7-22 5A	Effect of Drain Depth and Gap Width on	HOUSLEY, J. G.
HORTENSTINE, C. C.	Potential Flow in Homogeneous Porous Soil,	Designs for Rubble-Mound Breakwater Repairs
Concentrations of Nitrogen, Phosphorus,	W74-10568 7-20 4A	Nawiliwili Harbor, Nawiliwili, Hawaii. Hydrau-
Potassium, and Total Soluble Salts in Soil Solu-	HOSS, D. E.	lic Model Investigation, W74-05705 7-11 8B
tion Samples from Fertilized and Unfertilized	Accumulation of Soluble and Particulate	W 74-05705 7-11 6B
Histosols,	Radionuclides by Estuarine Fish,	Location and Design of Wave Absorber, Gary
W74-08319 7-16 5B	W74-02049 7-04 5B	Harbor, Indiana. Hydraulic Model Investiga- tion.
HORTON, H. F.	HOSSAIN, A.	W74-05706 7-11 8B
Multi-Disciplinary Study of Water Quality	Evaporation, Infiltration and Rainfall-Runoff	
Relationships: A Case Study of Yaquina Bay, Oregon,	Processes in Urban Watersheds,	Pilot Model Study for the Design of Hilo Har-
W74-07142 7-14 6B	W74-05405 7-11 2A	bor Tsunami Model. Hydraulic Model In-
7-14 00	Cardina on Biology of Management day 2	vestigation,
The Predicted Influence of Kraft Mill Effluent	Studies on Biology of Mastacembelus Pancalus	W74-03613 7-07 8B
on the Fishery Resources,	(Spiny Eel, Hamilton) in Artificial Ponds: I.	Wave Action and Breakwater Location Harbor
W74-07145 . 7-14 5C	Natural Habitat, Distribution, Food and Feed- ing Habits, and Economic Importance,	of Refuge for Light-Draft Vessels, Barcelona,
W. L. C. I. and Francis Lance in the Water	W74-13387 7-24 2H	New York,
Technical and Economic Issues in the Water	W/4-1338/	W74-09259 7-18 8B
Quality Management of Yaquina Bay, W74-08672 7-16 2L	HOSSAIN, M. M.	
W 14-00072 7-10 ZE	Sensitivity of Southern Peas to Plant Water	HOUSTON, C. E.
HORTON, J. L.	Deficit at Three Growth Stages,	Technical Activities by FAO in the Transfer of
Anadromous Fish Water Requirements,	W74-10340 7-19 3F	Water Resources Knowledge to Developing Re-
W74-01880 7-04 8I		gions,
MODEON M. I	HOSSAIN, S.	W74-00224 7-01 10A
HORTON, M. L. Crop Identification Using ERTS Imagery,	Testing Reverse Osmosis Modules for Wash- water Recycling,	HOUSTON, C. W.
W74-01667 7-04 3F	W74-01924 7-04 5D	Biological Degradation of Hydrocarbons in
W/4-0100/	W/4-01224 7-04 3D	Water,
Water Loss Estimates from a Fallow Soil,	Ultrafiltration Concept for Separating Oil from	W74-09254 7-18 5B
W74-09546 7-18 2D	Water,	
	W74-10620 7-20 5D	Effect of Temperature and Oxygen Pressure on
Water Loss from an Irrigated Sorghum Field: I.	HOOMETER B B	Cellulose Utilization by Thermophilic Organ-
Water Flux Within and Below the Root Zone, W74-09248 7-17 3F	HOSTETLER, P. B.	isms, W74-12193 7-23 5D
W 14-09248 1-17 3F	Association Constants of Ion Pairs in Natural	W /4-12193 /-23 3D
Water Loss from an Irrigated Sorghum Field:	Waters, W74-09806 7-19 2K	HOUSTON, R. S.
II. Evapotranspiration and Root Extraction,	W14-03000 7-13 2K	Long Term Changes in Marine Ecosystem:
W74-09249 7-17 3F	HOTES, F. L.	Ecological Relationships Between Tomales Bay
MODULANI D. I	Transfer of Water Resources Knowledge from	and Adjacent Shelf Waters,
HORVATH, D. J.	Developed to Developing Regions of the	W74-00038 7-01 2L
Response of Corn to Time and Rate of Phosphorus and Zinc Application,	World,	manus .
W74-10337 7-19 3F	W74-00209 7-01 10A	HOWARD, A.
W/4-1033/	HOURE E D	Man's Impact on the Colorado River in the
HORVATH, K.	HOUDE, E. D.	Grand Canyon,
The Brackish Water Clam Rangia Cuneata as	Effects of Temperature on Growth and Sur-	W74-13149 7-24 4C
Indicator of Ecological Effects of Salinity	vival of Laboratory Reared Larvae of the Scaled Sardine, Harengula pensacolae Goode	HOWARD, C. D. D.
Changes in Coastal Waters,	and Bean,	Mathematical Modelling of Capacity Expansion
W74-08676 7-16 5C	W74-02899 7-06 5C	of an Integrated Hydro-Thermal Electrical
Data on the Hydrobiological Status of the	700 30	Power System,
Bodrog River Backwater at Sarospatak: II.	Guide to Identity of Eggs and Larvae of Some	W74-00175 7-01 6A
Hydrochemistry,	Gulf of Mexico Clupeid Fishes,	
W74-13385 7-24 2K	W74-06067 7-12 2L	HOWARD, C. M.
	HOULT D. B.	Effect of Fertilization and Mulching with Bio-
Hydroecological Studies of the Water Bodies	HOULT, D. P. Rough Water Barrier,	Degradeable Polyethylene-Coated Paper on
of the Bukk and Zemplen Mountains: II,	W74-10595 7-20 5G	Responses of Okra and Peppers, W74-13370 7-24 3F
W74-13388 7-24 2K	11-20 30	1-24 JF

HOUNAM, C. E.

tion, W74-05155

Comparison Between Pan and Lake Evapora-

Influence of Temperature and Moisture Stress

from Sodium Chloride Salinization on Okra

Emergence, W74-08073

7-10 2D

AUTHOR INDEX HOWARD, F. B. HOWARD, F. B. HOWELLS, D. H. HRBACEK, J. Inplant pH Control Permits Optimum Aeration Highlights and Issues of the 1972 Amendments Efficiency. to the Federal Water Pollution Control Act, Stratification Conditions in Slapy Reservoir, 7-18 5D W74-05069 7-10 W74-09445 Water Resource Problems and Research Needs HOWARD, G. C. The Changes of Benthos in Slapy Reservoir in of North Carolina - A Reassessment, Protecting Offshore Structures from Ice, 7-18 6B the Years 1960-1961. W74-09657 W74-03013 7-06 8C W74-05072 HOWARD, H. H. HOWELLS, G. P. Seasonal Variation of Chemical Parameters in Stable Manganese and Manganese-54 Distribu-Alaskan Tundra Lakes, tions in the Physical and Biological Com-Discharge, ponents of the Hudson River Estuary, W74-01347 7-03 5B W74-05912 7-11 8B W74-02048 HOWARD, J. D. HSIAO, S. I. Dynamic Relationship Between Hydraulics and HOWELLS, L. W. Environmental Control of Gametogenesis in Geohydrology of Crow Creek and Lower Brule Sedimentation in the Altamaha Estuary, Indian Reservations, South Dakota, and Phosphate Concentrations W74-09638 Gametogensis and Selected Metabolites, HOWARD, J. F. W74-00726 HOWES, D. The Cost of Groundwater vs. Surface Water, Effect of Water Hardness on the Toxicity of an W74-12535 HSIAO, T. C. Anionic Detergent to Fish, Plant Responses to Water Stress, Maximizing Water Yield Through Well W74-11310 W74-04539 7-09 21 Development--Technical Memo No. 2, HOWITT, R. E. HSIAO, T. C. AND W74-00943 7-02 8B A Simulation Approach to Recreation Planning Changes in Enzymes in the Plant as Related to (A Case of Changing Quality), HOWARD, R. Water Supply and Usage, Macrobenthos as Indicators of Ecological W74-06996 W74-04306 Change. W74-10534 HOWTON, H. M. HSIEH, J. J. C. 7-20 SR Evaluation of Water Flux Above a Deep Water Study of Time Variability of Surface Currents HOWARD, T. E. at a Point in Monterey Bay, Table Using Thermocouple Psychrometers, Measuring Stress in Fish Exposed to Pulp Mill W74-03776 W74-02692 7-06 2L Effluents. W74-02276 HOYER, B. E. 7-05 5C Application of ERTS-1 Imagery to Flood Inun-HOWE, R. S. dation Mapping, Solution. Alternative Strategies for Managing Waste-W74-02591 7-05 7B W74-01053 water. W74-09712 7-18 5D Corps of Engineers Dredge and Fill Jurisdic-Aluminum and Iron, Phase III, Laundry Detergents and Environmental Qualition: Buttressing a Citadel Under Siege, W74-03208 W74-12620 W74-07122 7-14 5C HSUEH, YA. HOYLAND, J. R. A Numerical Study of the Steady Circulation in HOWEIER, R. H. Specific Ion Mass Spectrometric Detection for an Open Bay, The Oxygen Status of Lake Sediments, Gas Chromatographic Pesticide Analysis, W74-07924 W74-01266 7-03 2J W74-08943 HU. ALAN C. H. HOWELL, B. R. HOYT, J. H. Demonstration of a Full-Scale Waste Treat-The Effect of Algae on the Water Conditions in Development and Geologic Significance of Soft ment System for a Cannery, Fish Rearing Tanks in Relation to the Growth Beach Sand, W74-11925 of Juvenile Sole, Solea Solea (L.), W74-04757 7-09 2J HUANG, C. H. W74-13088 7-24 5C Erosional and Depositional Estuarine 'Terraces,' Southeastern United States, Constants, W74-03871 A Design Procedure for the Conjunctive Use of W74-07246 7-14 2L Surface and Groundwater Storages, HUANG, J. C -C. High-Angle Beach Stratification, Sapelo Island, W74-04598 7-09 4B Georgia. Host Viability on Growth of Bdellovibrios, HOWELL, J. A. W74-04738 7-09 21 W74-00625 Mixed Culture Biooxidation of Phenol. I. Sedimentation in a Meandering Estuary, Determination of Kinetic Parameters, HUANG, P. M. W74-01177 7-03 2L

	W	4-0	38	81	
H	OW	EL	L,	T.	A
	Co	in	00	eal	

Culture with Wall Growth,

W74-03880

n Sorghum Response to Trickle and Subserface Irrigation. W74-04137 7-08 3F

Mixed Culture Biooxidation of Phenol. II.

Steady State Experiments in Continuous Cul-

Mixed Culture Biooxidation of Phenol. III. Ex-

istence of Multiple Steady States in Continuous

HOYT, J. W. Harbor Pollution from Large Ships, W74-08006 7-15 5B

Direction and Environment,

HRADECKA, D.

HOYT, J. H. AND

W74-04739

7-08 SC

7-08 5C

Growth Rate and Development of the Root/Shoot Ratio in Reedswanp Macrophytes Grown in Winter Hydroponic Cultures, W74-01346 7-03 21

Rhomboid Ripple Mark, Indicator of Current

Effect of an Upstream Reservoir on the

7-10 5C

Vortex Containment of Submerged Jet

Laminaria saccharina. II. Correlation of Nitrate 7-02 SC

7-09 21

Complementary Role of Iron(III), Sulfate and Calcium in Precipitation of Phosphate From

Removal of Phosphate from Waste Water by

Algal Growth Prediction Using Growth Kinetic

Effects of Calcium and Magnesium Ions and

Effect of Monosilicic Acid on Hydrolytic Reactions of Aluminum, W74-07626 7-15 2G

Inorganic and Organic Phosphorus Distribution in Domestic and Municipal Sewage, W74-00055 7-01 SB

7-09 21

Similarity Laws for Turbulent Flow of Dilute Solutions of Drag-Reducing Polymers, W74-10426

Cesium 137 in a Mountain Stream Channel,

In Search of New Methods for River System Planning,

HUBBELL, D. W.	Ecology of Toxic Metals,	In Search of New Methods for River System
Discharge and Flow Distribution, Columbia	W74-12908 7-24 5B	Planning,
River Estuary,	Transfer of Mercury and Cadmium from Ter-	W74-01029 7-02 4A
W74-04172 7-08 5B	restrial to Aquatic Ecosystems,	Promoting Environmental Quality Through
HUBBY, L. M.	W74-11703 7-22 5B	Urban Planning and Controls,
Method and Apparatus for Determining a Fluid	HICKSTEDT C	W74-01470 7-03 5D
Contaminant,	HUCKSTEDT, G. Method and Apparatus for Purifying Sea	Post of Paris and Continue The state of
W74-03000 7-06 5G	Water.	Promoting Environmental Quality Through Urban Planning and Controls,
HUBER, C. O.	W74-03654 7-07 3A	W74-08828 7-17 5G
Application of a New Method for Phosphate	WIDENED B M	717 30
Concentration Measurements in Natural and	HUDENKO, B. M. Sewage Treatment in the Northern Areas of the	Report on the Harvard Program of Research in
Waste Waters,	U.S.S.R.,	Water Resources Development,
W74-03900 7-08 5A	W74-10164 7-19 5D	W74-01846 7-04 6B
HUBER, H.	WIRAN P. F.	River Basin Planning in the United States,
Body Heat Dissipation and Conservation in	HUDSON, P. E. Corrosion Resistant, Nonmetallic Water Well	W74-01472 7-03 6B
Two Species of Dolphins,	Systems.	
W74-04240 7-08 5C	W74-10863 7-20 8G	The Role of Universities in Water Resources
PERSONAL PARTIES AND ADDRESS OF THE PERSONAL PROPERTY OF THE PERSONAL P		Education: The Social Sciences, W74-01467 7-03 6B
HUBER, L. Pulp Mill Waste Waters: Discharge and Purifi-	HUDSON, R. Y.	W/4-0140/ /-03 6B
cation (Zellstoffabwaesser: Anfall and	Designs for Rubble-Mound Breakwater Repairs Nawiliwili Harbor, Nawiliwili, Hawaii. Hydrau-	Simulating the Behavior of a Multi-Unit, Multi-
Reinigung),	lic Model Investigation,	Purpose Water-Resource System,
W74-09455 7-18 5D	W74-05705 7-11 8B	W74-01468 7-03 6A
		Simulation Models for Water-Resource
HUBER, M. J.	Wave Action and Breakwater Location Harbor	Systems: Their Utility in Measuring Physical
A Flow Path Ground Water Sampler, W74-03126 7-06 7B	of Refuge for Light-Draft Vessels, Barcelona, New York,	and Economic Effects of Weather Forecasting
W /4-03126 /-06 /B	W74-09259 7-18 8B	and Weather Modification: Summary Report.
HUBER-PESTALOZZI, G.		W74-01463 7-03 3B
Inland Waters, Vol 16, Part 6. Freshwater	HUET, M.	
Phytoplankton. Systematics and Biology, (In	Textbook of Fish Culture. Breeding and Cul-	Standards and Criteria for Formulating and Evaluating Federal Water Resources Develop-
German),	tivation of Fish, W74-10045 7-19 2I	ments,
W74-06235 7-12 2I	W/4-10043	W74-01845 7-04 6B
HUBER, R. D.	HUFBAUER, G. C.	707 05
Optimum Drilling Sites for Ground-Water	Environmental Quality, Income Distribution,	Systematic Errors in Cost Estimates for Public
Development on the East Coast of Lanai	and Factor Mobility: The Consequences of	Investment Projects,
Island,	Local Action, W74-09070 7-17 6B	W74-00751 7-02 6C
W74-07734 7-15 4B	W/4-020/0	HUGENSCHMIDT, J.
HUBER, W. C.	HUFEN, T. H.	The People's Republic of China's View of Con-
The EPA Stormwater Management Model: A	Isotopic and Chemical Characteristics of High-	temporary Maritime Legal Problems,
Current Overview,	Level Groundwater on Oahu, Hawaii, W74-10273 7-19 4B	W74-10703 7-20 6E
W74-07265 7-14 5D	W/4-102/3	HUGGETT, R. J.
HIBERT E C	HUFF, D. D.	Current Status of Research on the Biological
HUBERT, E. G. Defects in Prodigiosin Formation by L-Forms	Development of a Unified Transport Model for	Effects of Pesticides in Chesapeake Bay,
of Serratia Marcescens,	Toxic Materials, W74-12022 7-23 5B	W74-00923 7-02 2L
W74-06099 7-12 5A		
	Simulation of Urban Runoff, Nutrient Loading,	HUGGINS, A. F.
HUBLY, D. W.	and Biotic Response of a Shallow Eutrophic	River Regulations as Influence on Peak
Regional Water Supply and Water Quality Con-		Discharge, W74-09617 7-18 4A
cepts and Management Alternatives, W74-11621 7-22 6B	W74-06564 7-13 5C	17107017
W/4-11021	HUFF, F. A.	HUGGINS, L. F.
HUBNER, F. N.	Causes for Precipitation Increases in the Hills	Experimental Evaluation of a Method for
Gas-Solid Chromatography on Macroreticular		Determining Unsaturated Hydraulic Conduc-
Cation Exchange Resins,	W74-11138 7-21 2B	tivity, W74-07088 7-14 2G
W74-01495 7-03 5A	HUFFAKER, R. C.	7-14 20
HUCK, M. G.	Changes in Enzymes in the Plant as Related to	Simulation of the Hydrology of Ungaged
Water Relations and Growth of Cotton in Dry-	Water Supply and Usage,	Watersheds,
ing Soil,	W74-04306 7-09 21	W74-05403 7-11 2A
W74-08272 7-16 20	HUFFMAN, L. E.	HUGGINS, R. J.
HUCK, P. M.	Water Purification System,	Ecological Implications of Heavy Metal in Fish
Water Quality Models Using the Box-Jenkins	W74-07213 7-14 5D	from the Severn Estuary,
Method,	HUFSCHMIDT, M. M.	W74-11325 7-21 5C
W74-09113 7-17 5E	And Not a Drop to Drink: Water Resources	HICHART D
HICKARAV C W	Planning and Administration,	HUGHART, D. Decision Making Under Uncertainty:
HUCKABAY, G. W. Ge(Li) Low Level in Situ Gamma-Ray Spec	W74-01465 7-03 6E	Economic Evaluation of Streamflow Forecasts,
trometer Applications.	Environmental Statements and Water Resource	W74-13044 7-24 4A
W74-08886 7-17 5A		
	W74-11460 7-22 6G	HUGHES, B. C.
HUCKABEE, J. W.		The Challenge of Military Nuclear Construc-
Ecology of Toxic Metals, W74-12024 7-23 5E	The Harvard Program: A Summing up, W74-01030 7-02 6B	tion, W74-06859 7-13 8H
W74-12024 7-23 5E	W74-01030 7-02 6B	1-13 8H

HUGHES, C. D.

HUGHES, C. D. Extended Aeration, Clarification and Anaerobic Treatment Cycle,	HULANICKI, A. Determination of Nitrate in Water with a New Construction of Ion-Selective Electrode,	HUMBLE, D. E. Lime Disinfection of Sewage Bacteria at Low Temperature.
W74-10166 7-19 5D	W74-08420 7-16 5A	W74-04548 7-09 5D
HUGHES, D. R. A Modified Extraction Method for Determination of Mineral Oil in Sea Water, W74-02388 7-05 5A	HULETT, L. D. Development of High Sensitivity X-Ray Fluorescence for Analyses of Trace Toxic Elements.	HUME, D. N. Direct Determination of Bismuth and Antimony in Sea Water by Anodic Stripping Voltam- metry,
	W74-12028 7-23 5A	W74-00275 7-01 2K
HUGHES, E. E. Operation Characteristics of NO2 Permeation Devices.	HULKA, S. C. Sediment Coliform Populations and Post	Improved Apparatus for Determination of Mer- cury by Flameless Atomic Absorption,
W74-11002 7-21 5A	Chlorination Behavior of Wastewater Bacteria,	W74-00276 7-01 5A
HUGHES, G. H.	W74-03295 7-07 5A	HUME, J. D.
Hydrologic Consequences of Using Ground- water to Maintain Lake Levels Affected by	HULL, A. P. Comparing Effluent Releases From Nuclear	Shoreline Processes Near Barrow, Alaska: A Comparison of the Normal and the Catastrophic,
Water Wells Near Tampa, Florida, W74-12013 7-23 4B	and Fossilfueled Power Plants, W74-09503 7-18 5B	W74-01193 7-03 2L
HUGHES, J. L. A Brief Water-Resources Appraisal of the	Environmental Radiation Dose Criteria and As-	HUMENICK, M. J. Kinetics of Activated Sludge Oxygenation, W74-09437 7-18 5D
Truckee River Basin, Western Nevada,	sessment-Pathway Modeling and Surveillance, W74-08875 7-17 5B	
W74-04047 7-08 4A	Environmental Radiation Dose Criteria and As-	HUMENIK, F. J. Evaluation of Swine Waste Treatment Alterna-
Effects of Waste Percolation of Groundwater in Alluvium Near Barstow, California, W74-03228 7-07 5E	sessment: Pathway Modeling and Surveillance, W74-11653 7-22 5B	tives, W74-09691 7-18 5D
	HULL, A. R.	Treatment Systems for Animal, Agricultural
HUGHES, L. S. Quality of Surface Waters in the Colorado	Environmental Influences on Offshore Facili-	and Municipal Wastes, W74-09430 7-18 5D
River Basin, Texas, 1966-72 Water Years, W74-07670 7-15 5B	ties, W74-10898 7-20 6G	HUMMEL, J. W.
	Federal Environmental Data Centers and	Aeration Rates for Rapid Composting of Dairy
HUGHES, P. J. Slope Aspect and Tunnel Erosion in the Loess	Systems, W74-03043 7-06 10D	Manure, W74-09675 7-18 5D
of Banks Peninsula, New Zealand,	W 74-03043 7-06 10D	Solid Composting of Dairy Manure,
W74-02288 7-05 2J	HULL, H. L.	W74-10311 7-19 5D
HUGHES, R. A.	Solid Forms for Savannah River Plant High- Level Waste.	HUMMERSTONE, L. G.
Toxaphene Accumulation in Fish in Lakes Treated for Rough Fish Control, W74-02425 7-05 5C	W74-07787 7-15 5D	Adaptation of the Polychaete Nereis Diver- sicolor to Estuarine Sediments Containing High
	HULL, J. E. Salinity Studies in East Glades Agricultural	Concentrations of Zinc and Cadmium, W74-11337 7-21 5C
HUGHES, R. C. Steel Pipeline Design,	Area, Southeastern Dada County, Florida,	Adaptation of the Polychaete Nereis Diver-
W74-11119 7-21 8A	W74-00329 7-01 3C	sicolor to Manganese in Estuarine Sediments, W74-11338 7-21 5C
HUGHES, R. G.	HULLETT, S. H. Portsmouth Gaseous Diffusion Plant (Ohio) En-	
Water Intake Screen, W74-10446 7-20 81	vironmental Monitoring Report - 1972,	Brown Seaweed as an Indicator of Heavy Metals in Estuaries in South-West England,
HUGHES, R. R.	W74-09856 7-19 5A	W74-03301 7-07 5C
The Mathematical Modeling of Soil-Water-	HULTQUIST, J. F.	HUMOLLER, F. L.
Nitrogen Phenomena,	Anticipated Post-Construction Impact,	Determination of Copper and Zinc in Biological
W74-13138 7-24 5B	W74-11594 7-22 6B	Material, W74-07712 7-15 5A
HUGHES, T. C.	Broader Evaluation Considerations,	HUMPHREY, M. F.
Municipal Water PlanningMixed Integer Approach,	W74-11627 7-22 6B	Raw Liquid Waste Treatment System and
W74-02223 7-05 3D	Direct Reservoir Impact, W74-11593 7-22 6B	Process, W74-05692 7-11 5D
HUGHES, W. F.	W 74-11333	
Prospective Costs of Adjusting to a Declining Water Supply: Texas High Plains,	The Dollar Costs, W74-11595 7-22 6B	HUMPHREYS, H. W. Pilot Scale Investigations of Well Recharge
W74-09242 7-17 6D	People and the Reservoir,	Using Cored Samples, W74-03823 7-08 5D
HUISINGH, D.	W74-11591 7-22 6B	
Evaluation of Swine Waste Treatment Alterna-		HUMPHRIES, E. T. An Evaluation of Striped Bass Fingerling Cul-
tives, W74-09691 7-18 5D	A View of the Valley's People, W74-11592 7-22 6B	ture,
		W74-07002 7-13 81
HUISMAN, L. The Hydraulics of Artificial Recharge,	HULTQUIST, N. B. The Human Ecological Impact of Structural	HUNKINS, K. L. Subsurface Eddies in the Arctic Ocean.
W74-03820 7-08 4B	Flood Control on the Iowa River, Iowa,	W74-05159 7-10 2C
HUK, W.	W74-04856 7-10 8A	HUNN, J.
Epiphytic Microphytes in a Pond Polluted with Beet Sugar Factory Wastes,	Recreation Use and Users of the Coralville- Macbride Area: A Comparative Case Study,	Hydrologic Evaluation of Industrial-Waste In- jection at Mulberry, Florida.
W74-06551 7-13 5C	W74-11602 7-22 6B	W74-03244 7-07 5E

HUNN, J. D. Hydrology of Lake Tarpon Near Tarpon	HUNTER, L. A. W.	HURST, W.
Springs, Florida,	The Proposed International Compensation Fund for Oil Pollution Damage,	The Skin Effect in Producing Wells, W74-05088 7-10 8B
W74-10673 7-20 2H	W74-02799 7-06 6E	HURTADO, J. R.
HUNNEMAN, D. H.	HUNTER, R. E.	Corrosion Control in Water Wells,
Petrochemical Analytical Problems. II. Gas- Liquid Chromatographic-Mass Spectrometric	Distribution and Movement of Suspended Sedi- ment in the Gulf of Mexico off the Texas	W74-00952 7-02 5F
Investigation of Industrial Dodecylbenzenes,	Coast.	HURTUBISE, F. G.
W74-00250 7-01 5A	W74-06672 7-13 2L	Federal Assistance Programs for Water Pollu-
HUNSINGER, R. B.	Parada Caradamination Formed by Climbia	tion Control Technology Development, W74-12959 7-24 5G
Phosphorus Removal in Seasonal Retention	Pseudo-Crosslamination Formed by Climbing Adhesion Ripples,	W 14-12939 1-24 30
Lagoons by Batch Chemical Precipitation,	W74-04062 7-08 2J	How Much Will Cleanup Cost,
W74-08851 7-17 5D	PRINCE PAR T IN	W74-05268 7-10 5D
HUNT, G. W.	HUNTLEY, J. R. Man's Environment and the Atlantic Alliance,	Impact of Pollution Abatement on Capital Allo-
Culturing and Ecology of Diaptomus Clavipes	W74-05027 7-10 6G	cation and Profitability,
and Cyclops Vernalis, W74-12213 7-23 5C	WINDON B W	W74-12426 7-23 5G
	HUNTOON, P. W. The Karstic Groundwater Basins of the Kaibab	Problems of the Canadian North,
HUNT, I. A. JR.	Plateau, Arizona,	W74-10165 7-19 5D
Winds, Wind Set-Ups, and Seiches on Lake Erie,	W74-09885 7-19 2F	HUSAR, R. B.
W74-03625 7-07 8B	HUNTZICKER, J. J.	The Urban Plume of St. Louis,
WINT D. C.	The Flow of Trace Elements Through the Los	W74-10964 7-21 5B
HUNT, P. G. Microbial Degradation of Petroleum in Con-	Angeles Area: Effect on Non-Urban Areas,	HUSLER, A. D.
tinental Shelf Sediments,	W74-10988 7-21 5B	Long-Term Olfactory 'Memory' in Coho Sal-
W74-05153 7-10 5E	The Flow of Trace Elements Through the Los	mon, Oncorhynchus Kisutch,
HUNT, W. A.	Angeles Basin: Zn, Cd, and Ni,	W74-13480 7-24 5C
The Challenge of Environmental Protection and	W74-10987 7-21 5B	HUSOCK, B.
Industrial Development,	The Production Rate of Sulfate Aerosol in the	Fundamentals of Cathodic Protection,
W74-05083 7-10 60	Stratosphere: Environmental Implications of a	W74-09548 7-18 8G
Engineering Economics of Rural Water	Stratospheric Aircraft Fleet,	HUSS, M.
Systems: A New American Approach,	W74-10999 7-21 5B	Determination of Ametrine and Atrazine
W74-03152 7-06 6F	HUPKA, G.	Residues in Soil by Thin-Layer Chromatog-
HUNTER, J. A. M.	A Novel Device for Improved Air and Liquid	raphy, W74-06024 7-12 5A
The Application of Shallow Seismic Methods to	Mixing (Ujtipusu Keszulek Folyadekok Erint-	W 14-00024
Mapping of Frozen Surficial Materials,	keztetesere es Keveresere Levegovel), W74-11116 7-21 5D	HUSSEINI, F.
W74-04401 7-09 20	W/411110 /-21 3D	Field Testing of Improved Ion Exchange Techniques,
HUNTER, J. S.	HURGHISIU, I.	W74-11826 7-22 3A
The Effects of Water Temperature and Eleva	Hydrochemical Investigations Regarding the River Olt, in the Section of Turnu Rosu Pass,	AND COUNTY OF THE
tion Upon Aeration, W74-00699 7-02 5I		HUSSEINI, F. F. Iodine Treated Activated Carbon and Process
	W74-02903 7-06 2K	of Treating Contaminated Water Therewith,
The Effects of Water Temperature and Eleva tion upon Aeration,	HURLBURT, H. E.	W74-03651 7-07 5D
W74-10168 7-19 5I		HUSSON, F. D. JR.
WINDS I C W	W74-02713 7-06 2E	The Effects of Increased Production on the
HUNTER, J. S. III. Allocation of Funding for Wastewater Treat	HURLEY, J. T.	Oceans,
ment Facilities,	Pesticide Analysis in Water,	W74-09963 7-19 5C
W74-04562 7-09 5I		HUTCHEON, R. J.
HUNTER, J. V.	HURR, R. T.	Sea Ice Conditions in the Cook Inlet, Alaska
Chemical and Biological Quality of Sewage Ef	Hydrogeologic Characteristics of the Valley-	During the 1971-72 Winter, W74-10428 7-20 20
fluents,	Fill Aquifer in the Weldona Reach of the South	W 74-10428 7-20 2C
W74-12870 7-24 5I	Platte River Valley, Colorado,	HUTCHIN, W. H.
Municipal Effluent Characteristics,	W74-01142 7-03 4B	Environmental Levels of Radioactivity in the
W74-11847 7-22 51	HURST, A. W.	Vicinity of the Lawrence Livermore Laborato- ry - 1973 Annual Report,
A Study of the Factors Determining the Ox	Calculation of Natural Catchment Infiltration	W74-11660 7-22 5E
ygen Uptake of Benthal Stream Deposits,	by Computer,	HUTCHINGON C B
W74-02451 7-05 50	W74-09367 7-18 7C	HUTCHINSON, C. B. Hydrologic Perspective of Surficial Waste
Unrecorded Pollution and Dynamics of	HURST, G.	Disposal,
Biochemical Oxygen Demand,	The Pudsey Project,	W74-13210 7-24 5E
W74-06613 7-13 51	W74-10041 7-19 5D	HUTCHINSON, G. E.
Unrecorded Pollution from Urban Runoff,	HURST, G. E.	The waters of Merom: A Study of Lake Huleh
W74-12523 7-23 50		III. The Major Chemical Constituents of a 54
HUNTER, L.	of Dissolved Gases, W74-04719 7-09 5D	M. Core, W74-10763 7-20 2F
Hydrocarbons of Suspected Pollutant Origin i		
Aquatic Organisms of San Francisco Bay		HUTCHINSON, J. M. R.
Methods and Preliminary Results, W74-08630 7-16 51	of Dissolved Gases, W74-09721 7-18 5D	Low-Level Radioactivity Measurements, W74-05178 7-10 5A
7-10 31	7-10 30	7-10 37

HUTCHINSON, R. D.

HUTCHINSON, R. D. Ground-Water Basic Data for Griggs and Steele Counties, North Dakota,	HVIDSTEN, H. Protein Recovered from Industrial Waste Water as Feed for Chicks,	HYSEJNOV, B. Z. Effect of Mineral Nutrients on the Growth, Development and Productivity of Cotton Under
W74-02776 7-06 2F	W74-12933 7-24 5B	Different Water Supply Conditions, (In Azer- baiyan),
HUTCHINSON, T. C.	HVORSLEV, M. J. Subsurface Exploration and Sampling of Soils	W74-02090 7-04 3F
Cadmium and Zinc Toxicity and Synergism to	for Civil Engineering Purposes,	HYZER, D. W.
Floating Aquatic Plants, W74-01821 7-04 5C	W74-07905 7-15 8D	Pipe Inspection Cameras and Techniques, W74-10828 7-20 8G
The Phytotoxicity of Crude Oil Spills in Fresh-	HWANG, C. L. Modeling and Optimization of Transient Cool-	IBAD-ZADE, YU. A.
water, W74-01820 7-04 5C	ing Water Discharge from Power Generating	The Field Study of Sand Motion Through
WW.MCHIGON B	Plants, W74-06832 7-13 5B	Porous Medium by Means of Luminophors, W74-12817 7-24 2J
HUTCHISON, D. Overview of the California Aerosol Charac-		
terization Experiment, W74-10953 7-21 5A	Regional Water Quality Management by the Generalized Reduced Gradient Method, W74-07311 7-14 5B	IBRAGIMOV, M. H. Calculation of Heat Transfer in Turbulent Flow with Allowance for Secondary Flow,
HUTCHISON, R. L.	HWANG, C. P.	W74-02904 7-06 8B
Ozone Disinfection of Industrial-Municipal Secondary Effluents,	Inorganic and Organic Phosphorus Distribution	IBRAGIMOV, SH. R.
W74-06159 7-12 5D	in Domestic and Municipal Sewage, W74-00055 7-01 5B	Growth of the Caspian Roach in the Min- gechaur Reservoir, (In Azerbaijarian),
HUTCHISON, R. M.	HWANG, C. T.	W74-08123 7-15 2H
Installation of Large-Diameter Fiber-Glass		IBRAHIM, M. A.
Flexible Pipe in Municipal Systems, W74-09727 7-18 8A	Mackenzie Delta, N.W.T., Canada, W74-04351 7-09 2C	Evaluation of Capillary Properties of Caprocks, W74-12820 7-24 2F
HUTKA, J.	HWANG, J. Y.	ICE, R. D.
Fragmentation of Granitic Quartz in Water,	Trace Metals in Atmospheric Particulates and	Summary of Environmental Monitoring at
W74-03065 7-06 2J	Atomic Absorption Spectroscopy,	Philadelphia, 1958-1971,
HUTSON, M. R.	W74-07705 7-15 5A	W74-08648 7-16 5B
Look, No Clarifier,	HYATT, M. L.	ICHIKAWA, R.
W74-03220 7-07 5F	Alternative Futures Using the Wollman-Bonem Models,	Levels of Cobalt, Cesium and Zinc in Some Marine Organisms in Japan,
HUTTO, H. JR.	W74-03888 7-08 6A	W74-12244 7-23 5C
Drip Country, U.S.A.,	HYATT, R. A.	ICUIVI M
W74-10740 7-20 3F	Supersaturation of Nitrogen in Water During	ICHIKI, M. Method for the Treatment of Water,
HUTTON, J. T.	Passage Through Hydroelectric Turbines at Mactaquac Dam,	W74-12448 7-23 5D
A Data Acquisition System for Ecological Field	W74-01432 7-03 5C	Method of Separating Metals from Waste
Studies, W74-07989 7-15 7E	нусне, с. м.	Water,
	Mercury Pollution of Lake Erie Ecosphere,	W74-03664 7-07 5D
HUTZINGER, O.	W74-01985 7-04 5B	Method of Treating Waste Water Containing
Electron-Donor-Acceptor Complexing Reagents in the Analysis of Pesticides. VI. In-		Ligninsulfonate, W74-08029 7-15 5D
fluence of Structure in Detection and Identifi-	Oil Removal from Waste Waters,	W 14-08029 1-13 3D
cation,	W74-03020 7-06 5D	Method of Treating Waste Water Through
W74-06871 7-13 5A	HYDEN, H.	Electrolysis, W74-05685 7-11 5D
Electron Donor-Acceptor Reagents in the Anal-		
ysis of Pesticides. VII. A Simple Model System Hydrolysis of Some Carbamate Pesticides,	Waters, W74-05736 7-11 2L	ICHIMURA, S. Ecological Characteristics of Go-No-Ike Lake.
W74-06121 7-12 5E		W74-04638 7-09 5C
Exhausting Chloriestics as a Tacheigus in the	Pollutent Transport and Accumulation	ICHIMURA, S-E.
Exhaustive Chlorination as a Technique in the Analysis of Aromatic Hydrocarbons,	Processes in Our Environment-The General	Dynamic Status of Primary Production in Lake
W74-00080 7-01 5A	Theory and a Case Study of Mercury from the Four Corners Electric Power Plants and in	Yunoko, A Small Eutrophic Subalpine Lake in Central Japan,
HUTZLER, N.	Navajo Lake, New Mexico,	W74-01750 7-04 5C
Household Wastewater Characterization,	W74-09597 7-18 5B	IOHIVE T
W74-08770 7-17 5E	HYLIN, J. W.	ICHIYE, T. Diffusion Experiments in Coastal Waters Using
HUVAL, C. J.	Volcanic Air Pollution: Deleterious Effects on	Dye Techniques,
Enlargement of the Chesapeake and Delaware	Tomatoes, W74-07430 7-14 5C	W74-04938 7-10 2L
Canal, Hydraulic and Mathematical Model In		Edge Waves Over a Sloping Beach in a Rotat-
vestigation, W74-05036 7-10 8E	HYNES, M. J. The Effect of Lack of a Carbon Source on	ing Two-Layered System, W74-01218 7-03 2E
HUXTABLE, R.	Nitrate-Reductase Activity in Aspergillus nidu-	
Determination of Orthophosphate,	lans, W74-07581 7-14 5C	Experiments and Hydrographic Surveys Off Sandy Hook, New Jersey (1963),
W74-00464 7-01 5A		W74-01199 7-03 2L
	HYPES, W. D.	
HUYER, A. A Subsurface Ribbon of Cool Water Over the	The Chemical/Physical and Microbiological Characteristics of Typical Bath and Laundry	IDLER, D. R. Coexistence of a Fishery and A Major Industry
Continental Shelf Off Oregon,	Waste Waters,	in Placentia Bay,
W74-12324 7-23 2E	W74-07663 7-15 5B	W74-00706 7-02 5C

IMAN, A. E.

IL'IN, A. I.

IDSO, S. B.

Light and Temperature Relat Desert Pond as Influenced by		The Ionium-Thorium Method of Determination of Absolute Age and Rate of Deposition of Bottom Sediments (K voprosu opredeleniya ab-	Artificial Feeding of Carp Fry, W74-09501 7-18 8I
Density Variations, W74-08758	7-17 5C	solyutnogo vozrasta i skorosti sedimentatsii	IMES, D. G.
IDYLL, C. P.		donnykh otlozheniy ioniy-toriyevym metodom).	Physical and Biological Dispersion of the Hypolimnetic Phosphorus of a Bog Lake
The Anchovy Crisis,		W74-06308 7-12 2J	System,
W74-03473	7-07 6C		W74-02047 7-04 5B
Farming the Sea, W74-03717	7-07 81	IL'1N, D. 1. Distribution, Elimination, and Coefficients of Accumulation of Strontium-90, Cesium-137,	IMHOFF, K. R. Water Quantity and Quality Management in the
IEREMIA, JORA		and Phosphorus-32 in Fish,	Ruhr Valley, W74-13424 7-24 5G
A New Type of Incubator Use	ed in the Induced	W74-12043 7-23 5B	W /4-13424 /-24 30
Spawning of Phytophagous Fis		IL'INA, L. K.	IMLAY, M. J.
an),		The Prospects of Using the Rybinsk Water	Greater Adaptability of Freshwater Mussels to
W74-07434	7-14 8I	Storage Basin for Fisheries, (In Russian), W74-02241 7-05 8I	Natural Rather Than to Artificial Displace- ment.
IGLEWSKI, S.		W74-02241 7-05 8I	W74-01235 7-03 8I
Petrochemical Analytical Pro		IL'INSKII, I. I.	IMON, S.
Liquid Chromatographic-Mas Investigation of Industrial Dod		Hygienic Efficiency of Measures for Protecting	Method of Treating Oil-Containing Con-
W74-00250	7-01 5A	Surface Waters in Uzbek SSR, (In Russian), W74-04838 7-09 5F	taminated Drainage,
	, 01 011	W 74-04836	W74-03660 7-07 5D
IGWE, O. C.		IL'INYKH, L. A.	IMPERATO, P. J.
Calculation of Evaporation fro of Soil Water and the Soil		Growth and Moisture Availability of Shelter-	Incidence of, and Beliefs About, Onchocercia-
teristic.	water Charac-	belts in the Kulunda Steppe (Rost i vlagoobespechennost' lesnykh polos v Kulun-	sis in the Senegal River Basin,
W74-10758	7-20 2D	dinskoy stepi),	W74-06231 7-12 5C
71D.4. 17		W74-06301 7-12 2G	INCE, S.
IIDA, H. Edge Waves Over a Sloping I	Reach in a Rotat-	ILICHKINA, A. G.	The Importance of Sediment Transport in
ing Two-Layered System,	beach in a Rout-	Effect of A Cement Anticorrosion Coating on	Water Resources Planning,
W74-01218	7-03 2E	the Quality of Drinking Water, (In Russian),	W74-02351 7-05 4D
IIIMA T		W74-02233 7-05 5B	Uncertainties in Hydrologic Models,
IJIMA, T. Approximate Estimations of	Correlation Coef.	Hygienic Features of Silicate Anticorrosion	W74-03916 7-08 2A
ficient Between Wave Heigh		Coatings for Water Reservoirs, (In Russian),	DVELVOED O I
Shallow Water Wind Waves,		W74-07364 7-14 5F	INFANGER, C. L. Income Distributional Consequences of
W74-04761	7-09 2L	ILINSKII, I. I.	Publicly Provided Irrigation: The Columbia
Numerical Calculation of Win	d Waves in Shal-	Sanitary-Virological Characterization of	Basin Project,
low Water,		Sewage Waters from Some Urban Sewage	W74-10524 7-20 3F
W74-03675	7-07 8B	Systems in the Uzbek SSR, (In Russian),	INGEBO, P. A.
IJIMA, T. AND		W74-13241 7-24 5A	Picloram Movement from a Chaparral
A Study of Critical Depth an	d Mode of Sand	ILLIAN, J. R.	Watershed,
Movement Using Radioactive		Use of Hydrochemistry for Interpreting	W74-00370 7-01 5B
W74-04752	7-09 2J	Ground-Water Flow Systems in Central	INGLES, O. G.
IKAN, R.		Nevada, W74-08453 7-16 2F	Lime Grout Penetration and Associated
C 18-Isoprenoid Ketone in Re-	cent Marine Sedi-	W 74-08433	Moisture Movements in Soil, W74-07871 7-15 8D
ment,		ILTIS, A.	W /4-0/8/1 /-13 6D
W74-01301	7-03 5A	Large Ecological Zones of Lake Chad, (In French),	INGLETT, G. E.
IKAWA, M.		W74-13356 7-24 2H	The Challenge of Waste Utilization,
Sulfur and the Toxicity of			W74-10150 7-19 5D
Ceramium rubrum to Bacillus W74-02959	subtilis, 7-06 5C	Report on Oscillatoria (Subgenus Spirulina) Plantensis (Nordst.) Bourrelly (Cyanophyta) in	Recovery of Animal Feed from Cattle Manure,
W 74-02939	7-06 3C	Chad, (In French),	W74-00429 7-01 5D
IKEN, A.		W74-01905 7-04 5C	INGLIS, J. M.
Velocity Fluctuations and V	Vater Regime of	WATER D	Seasonal Variations in Selected Physicochemi-
Arctic Valley Glaciers, W74-09338	7-18 2C	ILTIS, R. Comparison of Cadmium 115M Retention in	cal Conditions of a Small Lake in Brazos Coun-
	7.10 40	Rats Following Different Routes of Administra-	ty, Texas, W74-00074 7-01 2H
IKONNIKOVA, S. V.		tion,	W/4-000/4 /-01 2H
A Multipurpose Spectrofluc Study of Natural and Contam		W74-12505 7-23 5B	INGMAN, F.
Russian).	mated water, (in	ILUKOR, J. O.	Fluorimetric Method for the Determination of Uranium in Natural Waters.
W74-13358	7-24 5A	Geothermal Production of Electrical Energy	W74-05240 7-10 5A
IVDAMIDDIN M		and Certain Minerals,	
IKRAMUDDIN, M. Strontium, Calcium and the I	sotopic Composi-	W74-09041 7-17 2F	INGOLS, R. S. Analytical Procedures for the Control of Disin-
tion of Strontium in Undergro		ILYUSHINA, M. T.	fectants in Water Treatment,
the Scioto River Basin, Ohio,		Phytoindication of Saline Ground in Drying Up	W74-05511 7-11 5F
W74-02218	7-05 2F	Shallow Lakes, (In Russian),	Observations on Management in County W.
IL'ENKO, A. I.		W74-02559 7-05 2H	Observations on Manganese in Georgia Waters, W74-11712 7-22 5F
Some Characteristics of Cesiu		IMAMURA, T.	
tion in Populations of Fres	hwater Fish, (In	Recovery of Heavy Metals from Waste Acid	The Role of Disinfection in the Optimum En-
Russian), W74-02196	7-05 5C	(Haisan Kara No Jukinzoku No Kaishu), W74-11879 7-22 5D	vironment, W74-08205 7-16 5F
11 14 02170	,-05 30	1-22 30	7-10 31

INGOLS, R. S.

Toxicity of Chromium Compound Aerobic Conditions, W74-11360	ds Under	Orbital Velocity Associated with Wave Action Near the Breaker Zone, W74-03444 7-07 2J	Note on Possibilities for the Development of an Inland Fishery, W74-13476 7-24 5C
Wastewater Sampling and Testing In:			IONESCU, A.
tion, W74-11754	7-22 5A	Flume Experiments on Sand Transport by Waves and Currents,	The Relationships Between Soil Moisture and the Degree of Stomata Opening in the Corn
INGRAM, D. S.		W74-04746 7-09 2L	Double Hybrid, W74-01816 7-04 3F
Determining Fracture Pressure Grad Well Logs,	7-19 8B	INOGAMOV, M. M. Water-Salt Balance of Groundwater in the	IONIN, A. S. Some Results of Regional Coastal Investiga-
W74-10099 INGRAM, H.	7-19 6B	Golodnaya Steppe in 1969 (Vodno-solevoy balans podzemnykh vod Golodnoy stepi za 1969 god),	tions in the USSR, W74-04426 7-09 2J
The National Water Commission Review,	Report: A	W74-00340 7-01 4B	IOSIFOVA, YE. V.
W74-01853	7-04 6E	INOUE, M. Freeze Process for Making Fresh Water from	Isotopic Composition of Oxygen and Hydrogen in Sulfide Waters of the Sochi-Adler Artesian
INGRAM, H. A. P. Anomalous Transmission of Water	Through	Brine, W74-10588 7-20 3A	Basin (Izotopnyy sostav kisloroda i vodorada sul'fidnykh vod Sochi-Adlerskogo artezian-
Certain Peats, W74-13014	7-24 2F	Treatment of Oily Waste Water Using Ac-	skogo basseyna), W74-01394 7-03 2K
INGRAM, H. M.		tivated Carbon, W74-13287 7-24 5D	IPATOVA, K. G.
A Challenge to the Academic C		W/4-1328/	Drainage Grating,
Economics and Institutions in the Re National Water Commission,		INOUE, S. Basic Characteristics of Ozonizers and Evalua-	W74-10026 7-19 8A
W74-03184	7-06 6B	tion of 'Mitsubishi Ozonizer',	IPITMAN, M. G. The Action of Abscisic Acid on Ion Uptake and
INGVALSON, R. D. Salts in Irrigation Drainage Waters:	I Effects	W74-13412 7-24 5D	Water Flow in Plant Roots,
of Irrigation Water Composition,		INOUE, Y. Estimation and Evaluation of Radioactive Con-	
Fraction, and Time Year on the Sal	t Composi-	tamination Through a Food Web in an Aquatic	IPPEN, A. T.
tions of Irrigation Drainage Waters, W74-00609	7-02 4C	Ecosystem (1), An Application of the Compart- ment Model to Transfer of Radioactive Sub-	Characteristics of Condenser Water Discharge on the Sea Surface (Correlation of Field Obser-
INHAT, M.		stances Through a Food Chain,	vations with Theory), W74-05700 7-11 5A
Determination of Meleic Hydrazide Tobacco and Vegetables,	Residues in	W74-08365 7-16 5B	Mathematical Simulation of Tidal Time-
W74-01418	7-03 5A	On the Selection of a Ground Disposal Site by Sensitivity Analysis,	Averages of Salinity and Velocity Profiles in Estuaries,
ININ, YU. S.		W74-06858 7-13 5B	W74-03348 7-07 2L
A Multipurpose Spectrofluorimeter Study of Natural and Contaminated Russian),		A Stochastic Study on the Concentration Process of Radioactive Substances to Aquatic	Quadratic Loss and Scattering of Long Waves, W74-11478 7-22 8B
W74-13358	7-24 5A	Organisms, W74-05429 7-11 5B	Salinity Intrusion in Estuaries,
INMAN, D.		INSALATA, N. F.	W74-04954 7-10 2L
Water Motion and Water-Sediment I W74-09863	7-19 5B	Direct Fluorescent-Antibody Technique for the Microbiological Examination of Food and En-	Sedimentation in Estuaries, W74-04955 7-10 2L
INMAN, D. L. Budget of Littoral Sands in the	Vicinity of	vironmental Swab Samples for Salmonellae, W74-03569 7-07 5A	Tidal Dynamics in Estuaries. Part I: Estuaries
Point Arguello, California,		INSHAKOV, M. D.	of Rectangular Section, W74-04952 7-10 2L
W74-04221	7-08 2J	Gas-Chromatographic Determination of	Ways Indused Oscillations in Harbors
Coastal Processes and Long Range I W74-00034	Planning, 7-01 2L	Hydrogen Sulfide in Aqueous Solutions (Gazo- khromatograficheskoe opredelenie	Wave Induced Oscillations in Harbors, W74-02708 7-06 2L
Coastal Sand Dunes of Guerrero N	legro, Baja	serovodoroda v vodnykh raztvorakh), W74-12962 7-24 5A	Wave Reflection and Transmission in Channels of Variable Section,
California, Mexico,	7.06 31	INTODRE B	W74-04614 7-09 8B
W74-02704	7-06 2L	INTORRE, B. The Estuary and Industrial Wastes: Power	IQBAL, S. H.
Crater-Sink Sand Transfer System, W74-02705	7-06 8A	Plants, W74-11869 7-22 5D	The Trapping of Aquatic Hyphomycete Spores by Air Bubbles,
Littoral Processes and the Deve	lopment of	INTORRE, B. J.	W74-06069 7-12 21
Shorelines, W74-01212	7-03 2J	Evaluation of Ion Exchange Processes for Treatment of Mine Drainage Waters,	IREDALE, D. G. Effect of Smoke-Processing on Muddy Odor
Littoral Sedimentary Processes of	n Kauai, a	W74-08341 7-16 5D	and Taste in Rainbow Trout (Salmo Gairdneri),
Subtropical High Island, W74-03102	7-06 2J	IOFFE, A. Z.	W74-01892 7-04 2
Longshore Transport of Sand,		Some Results of Water Purification at Viscose Rayon Factories (Nekotorye itogi raboty	IRELAN, B. Geohydrology of the Parker-Blythe-Cibola
W74-02706	7-06 2J	vodoochistnykh sooruzhennii predpriyatii viskoznykh volokon),	Area, Arizona and California, W74-12339 7-23 2F
A Multi-Purpose Data Acquisition		W74-08429 7-16 5D	
Instrumentation of the Nearshor ment,	e Environ-	IONEL, M.	IRELAND, R. E. Occurrence, Radioactivity, and Diversity, of
W74-02688	7-06 7B	Limnological Aspects of Some Moroccon Atlas Lakes, with Reference to Some Physical and	Winnipeg River Benthic Organisms in the Vicinity of Whiteshell Nuclear Research
Nearshore Processes,	7.10 3*	Chemical Variables, the Nature and Distribu-	Establishment, W74-05418 7-11 50
W74-04932	7-10 2L	tion of the Phyto- and Zooplankton, Including a	W74-05418 7-11 5C

IRVING, H. M. N. H.		ISHAK, M. M.	ISKANDAR, I. K.
Studies with Dithizone. Part X	XX. Complexes	Experimental Studies on Feeding the Common	
of Metals, with S-Methyldith Methylation of Metal Dithizona		Carp Cyprinus Carpio L. In Egypt, W74-01100 7-02 81	Cores from Selected Wisconsin Lakes, W74-11915 7-22 5B
W74-06122	7-12 5A	ISHCHERIKOVA, G. A.	TOWANDEROUS A D
ensura: n		Rapid Determination of Chemical Oxygen De-	ISKANDEROVA, A. D.
IRWIN, B.	looking of Yelete	mand in Waste Waters of Wood-Chemical Fac-	
Phytoplankton Nutrients and F	lusning of Inlets	tories (Uskorennoe opredelenie KhPK	in theten maine basins (in represa co
on the Coast of Nova Scotia,	7.02 CD	stochnykh vod ashinskogo lesokhimicheskogo	
W74-01471	7-03 5B	kombinata),	W74-05559 7-11 2F
IRWIN, G. A.		W74-06406 7-12 5A	11-11 21
Reconnaissance Study of Sele	ected Nutrients.		ISKENDEROV, I. S.
Pesticides, and Trace Elemen		ISHIDA, S.	Comparative Study of the Physicochemical
Salinas, and Santa Ana Rivers		Clarification of NSC Waste Liquor by Active	Properties of Meliorated and Non-Meliorated
tober 1971 Through July 1972,	,,	Carbon, Etc., (In Japanese),	Soils at the Mugan Experimental Melioration
W74-13195	7-24 5B	W74-00785 7-02 5D	Station, (in Russian),
		ISHIHARA, T.	W74-05037 7-10 20
A Water-Quality Reconnaissan		Treatment Methods for Heavy Metal-Contain-	TOMAN P. C. M. A.
Lake, San Bernardino Cou-	nty, California,	ing Liquid Waste (In Japanese),	iomail, E. S. M. A.
1972-73,		W74-07745 7-15 5E	Resistance to Flow in Ice Covered RiversA
W74-11753	7-22 5B		Simulation Study with Artificial Roughness, W74-12092 7-23 8E
IDIUIN D IV		ISHIHARA, Y.	
IRWIN, R. W.	amunated Diagric	Water Quality Monitoring Systems for En	
Hydraulic Roughness of Co	rrugated Plastic	vironmental Water and Industrial Effluent in	The Transpiration of Corn,
Tubing, W74-06589	7-13 8B	Japan,	W74-00467 2.01 2F
W /4-06389	/-13 8B	W74-10961 7-21 50	
ISAACSON, R. E.		ISHII, H.	ISMATOV, O.
Soil Moisture Transport in A	rid Site Vadose	Solvent Extraction of Copper (II) and Zinc (II	Anti-Erosive Role of Natural Plants in Low
Zones,	ila olic radosc	with 1,5-Diphenylcarbazone,	Foot-Hills Bordering the Ferghana Basin, (In
W74-07780	7-15 2G	W74-06088 7-12 5A	Russian),
	715 20		W74-04287 7-08 4I
ISABELL, R. D.		ISHII, M.	*****
Effects of Raw Materials and	Chemical Addi-	Method of Separating Metals from Waste	
tives on Mill Effluent Losses,		Water,	Mussels of the Elk River Basin in Alabama and Tennessee: 1965-1967.
W74-12416	7-23 5D	W74-03664 7-07 SI	W74-09737 7-18 2
		Method of Treating Waste Water Containing	
Water Usage in the British Pap	er and Board In-	Ligninsulfonate.	ISON, H. C. K.
dustry,		W74-08029 7-15 5I	
W74-06383	7-12 5D	7.1000	W74-04151 7-08 80
ICACHEEN V W		Method of Treating Waste Water Through	
ISACHSEN, Y. W. Evaluation of ERTS-1 Imager	n for Caplanical	Electrolysis,	ISOZAKI, I.
Sensing Over the Diverse Geo		W74-05685 7-11 5I	A Possibility of Generation of Surf Beats,
of New York State,	biogical Terranes	ISHIKAWA, T.	W74-03681 7-07 81
W74-01690	7-04 7C	Geothermal Fields in Japan Considered From	
W 74-01030	7-04 /C	the Geological and Petrological View Point,	
ISBELL, A. F. JR.		W74-08997 7-17 2	Production of Bacteriophage by Lyophilize
Computer Analysis of Data fr	om Potentiomet-	117-00//	and Oxygen-Exposed Eschericina con,
ric Titrations Using ion-Sel	ective Indicator	ISHIO, S.	W74-03575 7-07 5/
Electrodes,		Cadmium Content and Distribution in the Mud	ISRAELSEN, E. K.
W74-02978	7-06 2K	Blood Clams, Fish Flesh and the Alga	Computer Simulation of the Hydrologic and
		Porphyra Tenera, in the Ariake Bay (I	Salinity Flow Systems Within the Bear Rive
ISENBERG, H. D.		Japanese),	Rasin.
Clinical Laboratory Experien	ce with the Im-	W74-13073 7-24 51	W74-04860 7-10 51
proved Enterotube,		ISHIZAKA, S.	
W74-00655	7-02 5A	Reverse Osmosis Separation of Some Heav	ISSA, Y. M.
ICENCED A D		Metallic Salts in Aqueous Solution (i	Applications, involving the lodide ion. VII
ISENSEE, A. R. Chlorodioxins in Pesticides, So	sile and Dlant-	Japanese),	Direct and Indirect Determination of Mercu
W74-02371		W74-11105 7-21 51	ry(I) and Analysis of Mixtures. Analysis of
W /4-023/1	7-05 5B		Chromium(VI)-Chromium(III) Mixtures Deter

Water Quality Monitoring Systems for En-

vironmental Water and Industrial Effluent in

Weight-Length Relationship and Growth of Chanos chanos (Fersskal) Grown in Freshwater

Contribution of Developed and Natural Marshland Soils to Surface and Subsurface

Distribution of Alkyl Arsenicals in Model

Field and Model Studies on a Siltation Problem

Swedish Techniques to Combat Pollution,

Large Rivers of the United States.,

7-03 5C

7-10 2E

7-23 8A

7-16 5D

Japan, W74-10961

Ponds.

ISIDRO, A. O.

W74-01080

ISIRIMAH, N. A.

Water Quality,

W74-02327

Ecosystem,

W74-01409

ISERI, K. T.

W74-05138

ISFELD, E. O.

W74-12089

W74-08353

ISGARD, E.

in the Fraser River,

Chromium(VI)-Chromium(III) Mixtures. Determination of Hypochlorite, W74-02395

ISSAR, A.

The Uses of Geophysical Methods in Hydrogeological Investigations in Israel, W74-11906 7-2 7-22 2F

ISTOMIN, V. YE.

Electric and Thermal Properties of Rocks, W74-07906

ISWARAN, V.

7-02 81

7-05 5B

Azotobacter Chroococcum in the Phyllosphere of Water Hyacinth (Eichhornia Crassipes Mert. Solms). W74-12686 7-23 21

7-05 5A

ITAKURA, T.

ITAKURA, T. Electrolytic Cell for Electrolysis of Sea Water,	IVANOV, G. S. Study of the Condition and Growth of Forest	IVENS, J. L. Man-Made Lakes: Their Problems and En-
W74-03011 7-06 3A	Plantations, (In Russian),	vironmental Effects,
ITACAKA O	W74-01071 7-02 4A	W74-08747 7-17 4A
On the Water Quality of Lake Biwa, The Seta	IVANOV, V. A.	IVERSON, S. L.
River and some Rivers in Otsu City and the	Groundwater Discharge into Seas (O razgruzke	Habitats of Small Mammals at Whiteshell
Heavy Metal Content of Bottom Matters of	podzemnykh vod v morya),	Nuclear Research Establishment,
Lake Biwa, (In Japanese),	W74-01962 7-04 2F	W74-13137 7-24 5C
W74-02935 7-06 5B	The Problem of Direct Groundwater Discharge	IVERSON, W. P.
ITO, N.	to the Seas,	Biodegradation of Phenylmercuric Acetate by
On the Small-Scale Horizontal Diffusion Near	W74-06881 7-13 2F	Mercury-Resistant Bacteria,
the Coast.	WANGE U.B.	W74-01555 7-03 5B
W74-01186 7-03 5B	IVANOV, V. P. Fish Rearing in the Rice Fields of the Volga	IVES, J. D.
	Delta, (In Russian).,	Permafrost and Its Relationship to Other En-
ITO, T.	W74-09284 7-18 8I	vironmental Parameters in a Midlatitude, High-
Numerical Prediction on Typhoon Tide in Tokyo Bay.		Altitude Setting, Front Range, Colorado Rocky
W74-04971 7-10 2L	IVANOV, V. V.	Mountains,
W/4-045/1 /-10 2L	Experimental Hydrodynamic Calculation of	W74-04357 7-09 2C
On Environmental Factors of Eel Ponds:	Aperiodic Water-Level Fluctuations in Estua-	IVEC N E
Chemistry of Water and Soil and Plankton in	ries, W74-00114 7-01 2L	IVES, N. F. Observations on the Gas Chromatography of
March and June 1967, (In Japanese),	701 22	Kelthane (Dicofol),
W74-02933 7-06 2H	IVANOV, Y. M.	W74-07575 7-14 5A
ITO, Y.	Technological Modification of the Seedling	
Efficiency Tests for Microstrainer Waste	Method and Analysis of its Usefulness for	IVEY, M. C.
Treatment, (Maikuro sutorena ni yoru shorisui	Evaluation of Salt Tolerance in Plants,	Gas-Liquid Chromatographic Determination of
kojo shiken),	W74-05920 7-11 3C	Chlorfenvinphos in Milk, Eggs, and Body Tis-
W74-10915 7-21 5D	IVANOVA, A. A.	sues of Cattle and Chickens, W74-02384 7-05 5A
Stationard Liferance of DOD and America	Microelement Content and Regime in Water	W/4-02304 /-03 3A
Studies on the Influence of PCB on Aquatic	and Suspended Solids in the Volga River Basin	IVIE, G. W.
Organisms-II. Changes in Blood Characteristics and Plasma Enzyme Activities of Carp Ad-	(Soderzhaniye i rezhim mikroelementov v vode	Nature and Toxicity of Two Oxychlordane
ministered Orally With PCB (in Japan),	i vo vzveshennykh veshchestvakh v basseyne r.	Photoisomers,
W74-13103 7-24 5C	Volgi), W74-03533 7-07 2K	W74-07584 7-14 5C
	W 14-03333	Photodecomposition of the Herbicide
Studies on the Influence of PCB on Aquatic	IVANOVA, L. M.	Methazole,
Organisms-III. Relationship Between the Intake	Ratio of CS-137 SR-90 in Ocean and Sea	W74-00050 7-01 5B
of PCB and its Accumulation in Various Tis-	Water,	
sues of Carp (in Japanese), W74-13104 7-24 5C	W74-11959 7-22 5B	IWAGAKI, Y.
W/4-13104 /-24 3C	IVANOVA, L. V.	Hydraulic Model Experiment on the Duffusion Due to the Coastal Current,
Studies on the Influence of PCB on Aquatic	Variability of Annual Runoff and Precipitation	W74-04628 7-09 5B
Organisms - IV. Changes in Serum Lipid Con-	Values (Ob izmenchivosti godovykh velichin	117-04020
tents and Formation of Lipid Peroxide in the	stoka i osadkov),	Hyperbolic Waves and Their Shoaling,
Tissues of Carp Administered with PCB Orally,	W74-00844 7-02 4A	W74-04611 7-09 2E
(in Japanese),	IVANOVA, M. B.	Laboratory Study of Scale Effects in Two-
W74-13105 7-24 5C	Estimating Accuracy for Calculating Produc-	Dimensional Beach Processes,
ITOKAWA, Y.	tion and Elimination of Planktonic Crustaceans	W74-04748 7-09 2L
Bone Changes in Experimental Chronic Cadmi-	Using Eudiaptomus gracilis in Lake Krasavitsa	
um Poisoning, Radiological and Biological Ap-	as an Example, (In Russian),	Laminar Damping of Oscillatory Waves Due to
proaches,	W74-06249 7-12 2H	Bottom Friction,
W74-09576 7-18 5C	Production of Zooplankton Populations in	W74-03679 7-07 8B
ITURRIAGA, R.	Fresh Waters of the USSR, (In Russian),	IWAKI, M.
Investigations on the Occurrence of Phenol-	W74-11708 7-22 2H	An Epidemiological Study on Clonorchiasis in
Decomposing Microorganisms in Waters and		Kyoto City, (In Japanese),
Sediments. (in German),	IVANOVA, M. N.	W74-07050 7-13 5C
W74-08115 7-15 5C	Type of Spawning Grounds and Ecology of	IWAMOTO, S.
	Spawning for Stint, Osmerus eperlanus (L.), in the Rybinsk Reservoir, (In Russian),	Effects of Dietary Mercury on Mink,
IVANILOVA, R. F.	W74-04277 7-08 2H	W74-10930 7-21 5C
Present State and Prospects of Groundwater Use for Water Supply of Populated Areas in Ir-		
kutsk Oblast (Sostoyaniye i perspekitivy	IVANOVSKAYA, K. M.	IWATA, S.
ispol'zovaniya podzemnykh vod dlya	Derivatives of Phosphacyclopentene,	Thermodynamics of Soil Water: IV. Chemical
vodosnabzheniya obzhitoy chasti Irkutskoy	W74-01791 7-04 5B	Potential of Soil Water, W74-08191 7-16 2G
oblasti),	IVARSON, W. R.	7-16 20
W74-09643 7-18 4B	Simulation of Urban Runoff, Nutrient Loading,	IWATA, Y.
IVANOV A I	and Biotic Response of a Shallow Eutrophic	Efficiency Tests for Microstrainer Waste
IVANOV, A. I. Replacement of the Anthracite Sublayer in	Lake,	Treatment, (Maikuro sutorena ni yoru shorisui
Anion-Exchange Filters of Water Purification	W74-06564 7-13 5C	kojo shiken), W74-10915 7-21 5D
The state of the s		W (4-10713 /-21 3D

7-21 5D

7-17 2F

Geothermal Resources in India,

ustanovok), W74-08407

Equipment (Zamena antratsitovogo podsloya v

anionitovykh fil'trakh vodoochistnykh

IVASIK, V. M.

7-16 5D

Long-Term Changes in the Parasitic Fauna of Some Fish in the Dniester Basin, (In Russian), W74-12746 7-23 2H W74-08980

		3ACOB3, E. W.
IYENGAR, E. R. R.	JACKSON, J.	JACKSON, T. A.
Response of Safflower (Carthamus Tinctorius	Flow Simulation System,	Kinetics of Silicon-Limited Growth in the
L.) to Salinity of Sea Water,	W74-11477 7-22 2E	Marine Diatom Thalassiosira pseudonana Hasle
W74-13462 7-24 3C		and Heimdal (Equals Cyclotella Nana Hustedt),
	JACKSON, J. E.	W74-01431 7-03 5C
IZUMI, K.	Fuel Sediment Bowl Assembly,	JACKSON, T. V.
An Experiment on Disposal of Metal Working	W74-13245 7-24 5D	Legal Impediments to the Use of Interstate
Oil Emulsion into Sewer Systems (Kinzoku kakoyu no haisui shori ni kansuru ichi jikken),	JACKSON, J. P.	Agreements in Coordinated Fisheries Manage-
W74-10559 7-20 5D	A Streamflow Model for Metropolitan Planning	ment Programs: States in the N.M.F.S.
W /4-10559 7-20 5D	and Design.	Southeast Region,
Process and Apparatus for Making Highly Pure	W74-07721 7-15 2A	W74-06991 7-13 6E
Water,		
W74-12450 7-23 3A	JACKSON, J. R. JR.	JACKSON, W. A. Nitrate in Surface and Subsurface Flow from a
IZVEKOVA, E. I.	Compatibility of Petroleum Activities in the	Small Agricultural Watershed,
Sedimentation of Suspended Matter by Dreis-	Coastal Zone, W74-05656 7-11 6B	W74-02150 7-04 5B
sena Polymorpha Pallas and Its Subsequent	W/4-03030 /-11 0B	
Utilization by Chironomidae Larva,	JACKSON, J. W.	JACKSON, W. M.
W74-01904 7-04 5C	An Examination of Three Strains of the Blue-	Distribution Studies of Radium and Other
	Green Algal Genus, Fremyella,	Metallic Elements Between Thenoyl-
JAAG, O.	W74-06759 7-13 5C	trifluoroacetone in Methyl Isobutyl Ketone and
Water Quality and Water Pollution Control in	LORGON M. I	Aqueous Solutions, W74-01494 7-03 5A
Switzerland,	JACKSON, M. L.	W/4-01494 /-03 3A
W74-08697 7-16 5G	Fission Particle Tracks in Micas and Micaceous Vermiculites as Related to Chemical Weather-	JACKSON, W. T.
JAAKSON, R.	ing and Cation Exchange Properties,	A Case Study in Interstate Resource Manage-
The Influence of Draw-Down on Recreation on	W74-10214 7-19 5A	ment: The California-Nevada Water Con-
the Trent Canal Reservoir-Lakes.	7.17 311	troversy, 1955-1968,
W74-09555 7-18 4A	JACKSON, N. M. JR.	W74-10083 7-19 6E
	Public Water Supplies of North Carolina, Part I	From Resort Area to Urban Recreation Center:
Reservoir Operation for Recreation Usability,	Northern Piedmont,	Themes in the Development of Lake Tahoe
W74-00185 7-01 4A	W74-01040 7-02 6D	1946-1956,
JAATINEN, S.	Public Water Supplies of North Carolina: Part	W74-00441 7-01 6B
Legislation on Environmental Protection in	I. Northern Piedmont,	
Scandinavia.	W74-05858 7-11 6D	JACKWERTH, E.
W74-12404 7-23 6E		Application of Activated Carbon for the En- richment of Trace Elements and Their Deter-
	Public Water Supplies of North Carolina: Part	mination by Atomic Absorption Spectrometry,
JABLONSKA, I.	2. Southern Piedmont,	(Uber die Verwendung von Aktivkohle zur An-
Spatial Differentiation Abundance of Bacteria	W74-04915 7-10 6D	reicherung von Spurenelementen mit nachfol-
in the Water of Mikolajskie Lake, W74-05051 7-10 5C	JACKSON, P. A.	gender Bestim mung durch Atomabsorptions-
W 74-03031 7-10 3C	Leak Detection in Underwater Oil Pipelines,	Spektrometrie,
JACKIVICZ, T. P. JR.	W74-12065 7-23 5A	W74-02433 7-05 5A
A Review of Outboard Motor Effects on the		JACOB, C. E.
Aquatic Environment,	JACKSON, P. B. N.	Drawdown Distribution Due to Well Fields in
W74-00063 7-01 5C		Coupled in Coupled Leaky Aquifers, 1. Infinite
TACKS C	Hendrik Verwoed Dam, Orange River,	Aquifer System,
JACKS, G. Chemistry of Some Ground Waters in Igneous	W74-02914 7-06 2H	W74-02773 7-06 2F
Rocks.	JACKSON, R. A.	
W74-06371 7-12 2K	Design of Quadripod Cover Layers for Rubble-	JACOBS, F.
	Mound Breakwaters. Hydraulic Laboratory In-	Acute Toxicity of Unbleached Kraft Mill Ef-
JACKSON, D. B.	vestigation,	fluent (UKME) to the Opossum Shrimp, Neo-
Recognition of Natural Brine by Electrical	W74-05709 7-11 8B	mysis Americana Smith, W74-11324 7-21 5C
Soundings Near the Salt Fork of the Brazos	Desires for Bubble Marris I Busble St.	
River, Kent and Stonewall Counties, Texas,	Designs for Rubble-Mound Breakwater Repairs Nawiliwili Harbor, Nawiliwili, Hawaii. Hydrau-	JACOBS, H. J.
W74-01370 7-03 2F	lic Model Investigation,	Advanced Treatment of Purified Sewage for
JACKSON, D. F.	W74-05705 7-11 8B	Production of High-Brightness Pulp and Paper,
Remote Sampler for Determining Residual Oil		W74-02280 7-05 5D
Contents of Surface Waters,	Wave Action and Breakwater Location Harbor	JACOBS, H. S.
W74-00584 7-02 5G		Water-Use Efficiency and Its Relation to Crop
LICEGON P. P.	New York,	Canopy Area, Stomatal Regulation and Root
JACKSON, E. B.	W74-09259 7-18 8B	Distribution,
Improved Control of Radioactive Waste at Hanford.	JACKSON, R. D.	W74-05621 7-11 3F
W74-13430 7-24 5D		IACORE I W
1-24 3D	sorption Isotherms of Soils,	JACOBS, L. W. Aqua Regia for Quantitative Recovery of Mer-
JACKSON, E. G.	W74-01087 7-02 2G	curic Sulfide from Sediments,
Improved Control of Radioactive Wastes,		W74-09763 7-18 5A

JACKSON, R. E.

ACASON, R. E.
Time Series Analysis of the Hydrologic
Regimen of a Groundwater Discharge Area,
W74-00362 7-01 2F

JACKSON, R. J.
Interception of Rainfall by Hard Beech
(Nothofagus Truncata) at Taita, New Zealand,
W74-12683 7-23 2B

7-16 5D

7-23 5A

W74-08255

JACKSON, H. E.

JACKSON, H. W.

W74-12646

Bioassay Diluter Construction,

ACKSON, H. E.

New Directions in the Chilean North,

7-12 3B

Methylation of Mercury in Lake and River Sediments During Field and Laboratory In-vestigations,

Methylmercury Formation in Mercury-Treated River Sediments During in Situ Equilibration,

W74-10924

W74-07425

JACOBS, M. A.
JACOBS, M. A. Israel's View of W74-10701
JACOBS, S. J. On Wind-Driver W74-11902
JACOBSEN, P. Drainage Inves Gotvand Projec W74-09797
JACOBSEN, S. E. Earthquake Da Water Resource W74-08018
JACOBSEN, W. E Bureau of Min grams for Nor Bank Removal; W74-10270
JACOBSEN, W. I Control and Tr Waste Effluent W74-11661
JACOBSON, A. C Survey of Envi W74-12618
JACOBSON, A. B Water Pollutio nants, W74-13411
JACOBSON, G. Groundwater in W74-05084
JACOBSON, P. M Observations of ican Shad to a W74-02900
JACOBSSON, A. Clay Water Study of Interf W74-12654

JACOBS, M.
JACOBS, M. A Israel's View W74-10701
JACOBS, S. J. On Wind-Di W74-11902
JACOBSEN, I Drainage In Gotvand Pre W74-09797
JACOBSEN, S Earthquake Water Reso W74-08018
JACOBSEN, 1 Bureau of grams for Bank Remo W74-10270
JACOBSEN, Control and Waste Effla W74-11661
JACOBSON, Survey of I W74-12618
JACOBSON, Water Poll nants, W74-13411
JACOBSON, Groundwat W74-05084
JACOBSON, Observatio ican Shad t W74-02900
JACOBSSON Clay Wat Study of In W74-12654
JACOBY, E. Transient I to Natural Water Tab W74-08375
JACOBY, G. Lake Pow Research, W74-08767
JACOBY, H. The Comb lation Mod W74-08512
JAEGER, D. Faunistic I Larvae

3ACOB3, 11
JACOBS, M Israel's V W74-1070
JACOBS, S. On Wind- W74-1190
JACOBSEN Drainage Gotvand I W74-0979
JACOBSEN Earthqual Water Re W74-0801
JACOBSEN Bureau o grams for Bank Ren W74-1027
JACOBSEN Control a Waste Ef W74-1166
Survey of W74-1261
JACOBSON Water Ponants, W74-1341
JACOBSON Groundw W74-0508
JACOBSON Observat ican Shac W74-029
JACOBSSO Clay W Study of W74-126:
JACOBY, I Transien to Natura Water Ta W74-083
JACOBY, 6 Lake Po Research W74-087
JACOBY, I The Com lation Me W74-085
JAEGER, I Faunistic Larvae Ephemei Meadow W74-100
JAGGER, Report of Collabor

JACOBS, M
JACOBS, M Israel's Vi W74-10701
JACOBS, S. On Wind-I W74-11902
JACOBSEN, Drainage Gotvand F W74-0979
JACOBSEN, Earthquak Water Res W74-0801
Bureau of grams for Bank Rem W74-1027
JACOBSEN Control a Waste Eff W74-1166
JACOBSON Survey of W74-1261
JACOBSON Water Ponants, W74-1341
JACOBSON Groundw W74-0508
JACOBSON Observati ican Shad W74-0290
JACOBSSO Clay W Study of W74-1265
JACOBY, F Transient to Natura Water Ta W74-0837
JACOBY, C Lake Po Research W74-0876
JACOBY, I The Com lation Mo W74-085
JAEGER, I Faunistic Larvae Ephemer Meadow

JACOBS, M. A.		
JACOBS, M. A.		
Israel's View of Her Maritime Legal F W74-10701	robles 7-20	
JACOBS, S. J.		
On Wind-Driven Lake Circulation,		
W74-11902	7-22	2H
JACOBSEN, P.		
Drainage Investigations and Finding	gs on	the
Gotvand Project - Iran, W74-09797	7-18	20
W 14-09/97	/-10	20
JACOBSEN, S. E.		
Earthquake Damage Costs in the	Design	1 0
Water Resource Systems, W74-08018	7-15	41
W 74-00018	1-13	42
JACOBSEN, W. E.		
Bureau of Mines Environmental A		
grams for Northeastern Pennsylvan Bank Removal; Subsidence Monitorin		Ius
W74-10270	7-19	5/
		-
JACOBSEN, W. R. Control and Treatment of Radioact	we I	ani
Waste Effluents at the Savannah Rive		
W74-11661	7-22	
JACOBSON, A. C. Survey of Environmental Legislation		
W74-12618	7-23	66
77-12010	1-23	00
JACOBSON, A. R.	_	
Water Pollution Aspects of Street	Cont	am
nants, W74-13411	7-24	51
W 74-13411	1-24	31
JACOBSON, G.		
Groundwater in Papua New Guinea,		
W74-05084	7-10	4.
JACOBSON, P. M.		
Observations on the Reactions of Yo	ung A	me
ican Shad to a Heated Effluent,		
W74-02900	7-06	5
JACOBSSON, A.		
Clay Water InteractionsAn Ex	perim	enta
Study of Interface Phenomena,		
W74-12654	7-23	20
JACOBY, E. L. JR.		
Transient Response of a Layered, S	loping	So
to Natural Rainfall in the Presence of		
Water Table: Experimental Results,		
W74-08375	7-16	2.

JACOBY, E. L. JR. Transient Response of a I	ayered, Sloping Sc
to Natural Rainfall in the F	resence of a Shallo
Water Table: Experimenta	l Results,
W74-08375	7-16 2

Hydrologic
7-17 2H

J	ACOBY, H. D.		
	The Combined Use of Optimizatio	n and S	imu-
	lation Models in River Basin Planni	ng.,	
	W74-08512	7-16	4A

Į,	AEGER, D	l.							
	Faunistic	Ecolog	ical	Stud	ies or	Aqı	atic	Ins	ec
	Larvae	(Tricl	nopt	era,	Ple	ecotp	era	\$	anc
	Ephemere	optera)	in	the	Wiel	hl, a	Hi	ghla	anc
	Meadow	Stream	in th	ne Ob	erber	gisch	es L	and	,
	W74-1004	7					7-	19	2

3	Report of the	Pollution	Co	mmissi	ion,	Part	11
	Collaboration dustries.	Between	the	Water	and	Oil	In
	W74-05094				7	-10	51

JAGNER, D.		
Evaluation of the Accuracy of G	ran Plots	by
Means of Computer Calculations.	Applicat	tion
to the Potentiometric Titration of	the Total	Al-
kalinity and Carbonate Content in	Sea Water	r,
W74-01365	7-03	2K

The Potentiometric Titi	ation of Potassium	in
Sea Water with a Valino	mycin Electrode,	
W74-01442	7-03 5	A

ĵ	AGNOW, G.					
	The Influer	ice of Pre	ecipitatio	n and A	ltitude	0
	the Humus	Content	of East	African	Soils	()
	German),					_
	W74-05058				7-10	2

Soil Respiration,	Nitrogen	Mine	ralization	and
Humus Decompo	sition of	East	African	Soils
after Drying and I	Remoisten	ing (I	n German),
W74-05054			7-10	2G

JAHN, L. R.	D	Looks	Ecological	Die	
sions, W74-00442		Lacks		-01	60

JAHN, W.		
Ecological Investigations of Por	nds with Spe	ecia
Regard to the Consequences of	Water Pollu	tion
by Oil, (In German),		
W74-04635	7-09	50

JAHNS, H. U.		
Permafrost Protection for Pipelines,		
W74-04415	7-09	20

JAIN, S. K.							
Achievements	of	India	in	the	Field	of	Wate
Resources Deve	elo	pment	,				
W74-00214						7-01	10A

JAKOBS, 1	I.				
Method	and	Apparatus	for	Purifying	Sea
Water,					
W74-036	54			7-07	3A

•		f the	Agricultural			Pe	ollu-
	W74-0823		ction, maten	19/3	7-1	6	56

JAKUBIEC,	ZBIGNI	EW				
River as a	Feeding	Place	for	Crows	(Corvida	e),
W74-12158	3				7-23	2

J	AKUBOWSKI, S.	
	Yield and Chemical Composition of Cocks	100
	in Dependence of Nitrogen Fertilization	an
	Water Supply, (In Research),	
	W74-00491 7-01	31

IAMES, A.					
A Compari	son of th	e Dis	tribut	ion of In	testina
Bacteria in	British	and	East	African	Water
Sources,					
W74-00662				7-4	02 5B

A Simple	Technique	for the	Differentiation	of
Escherich	ia Coli In W	ater E:	xamination,	
W74-0029	6		7-01	5A

JAMES, A. D.						
The Occurre	nce of	Water	in the	e Pre	camb	ria
Crystalline	Rocks	of	the	New	Je	rse
Highlands,						
W74-10872					7-20	41

JAMES, D. I	B.						
Pollution Gulls.	of	a	Storage	Reservoir	by	Roos	ting
W74-1331	6					7-24	5D

JAMES, E. W.		
A New Era for Cooling Water Treatm	ent.	
W74-00777	7-02	5D
JAMES, G. D.		
Obtaining Increased Head in Water Sy	stems	3,
W74-09187	7-17	3A
JAMES, G. W.		
Water Turbidity Detection Using	ERT	rs-1
Imagery,		
W74-02582	7-05	7B
JAMES, K. W.		
Water Temperature Surveys in the V		
Power Stations with Special Reference	e to Ir	ıfra-
Red Techniques,		
W74-00076	7-01	5A
JAMES, L. D.		
Analysis of Urban Land Treatment	Meas	ures
for Flood Peak Reduction,		
W74-13043	7-24	4A
The Challenge to the Social Sciences,		
W74-13059	7-24	6B
Community Well-Being as a Factor	in U	rban
Land Use Planning,		
W74-03751	7-08	6B
Regional Energy-Water Problems So	uth A	tlan-
tic Gulf,		
W74-07972	7-15	6D
The Use of Questionnaires in Collec		nfor-
mation for Urban Flood Control Plan	ning,	
W74-08151	7-16	6F
JAMES, P. E.		
Deep Plowing - An Engineering Appr	lesie	
W74-06590	7-13	3F
	7-13	31
JAMES, R.		
The Economics of the Small Geother Station.	mal P	ower
W74-09045	7-17	60

The Economics of the Small Geoth	nermal Po	wer
Station,		
W74-09045	7-17	6C
Factors Controlling Borehole Perfe	ormance,	
W74-09034	7-17	2F

The	Sei	nsitivi	ty	of	Sup	pres	sed	and	Uns	up-
press	sed	Lon	St	rains	of	Es	chei	richia	coli	to
Cher	nica	l Age	nts	with	Ind	uce	Fila	menta	ation,	
W74	-015	24						7	-03	5C

JAMES, R. V.				
Dispersion-Affecte	Transpo	rt of	Reac	ting
Solutes in Saturate	d Porous	Media:	Gale	rkin
Method Applied	to Equili	brium-C	ontro	olled
Exchange in Un	directional	Stead	y W	ater
Flow,				
W74-00364			7-01	5B

Packing-Induced Radial Particle-Siz	ze Segr	ega-
tion: Influence on Hydrodynamic and Water Transfer Measurements,	Disper	sion
W74-07630	7-15	2G

Radial	Pa	article-Size	Segi	regation	D	ur	ing
Packing	of	Particulates	into	Cylindric	al	C	on-
tainers,							
W74-084	47			7	-16	5	2J

JAMES, W.		
Developing Simulation Models,		
W74-05672	7-11	2A

J	AMIESON, A. A Method for the	Isolation	of	Naegleria	Spe-
	cies from Water S				
	W74-06068			7-12	5C

JAMIESON, D. G. The Hydrological Evaluation of Regional	JANSEN, H. Special Hydrometric Ships for the Inland	JARR, K. D. Iron Removal Filter System,
Water-Resource Systems in the United King- dom.	Waterways of the Federal Republic of Ger- many,	W74-03002 7-06 51
W74-06421 7-12 6B	W74-11551 7-22 7B	JARROW, H. C.
JAMIESON, W. D. J.	JANSEN, J. M. L.	Ethylenethiourea Degradation, W74-01340 7-03 51
Exhaustive Chlorination as a Technique in the	Predicting Sediment Yield from Climate and	
Analysis of Aromatic Hydrocarbons,	Topography,	JARVIS, C. L.
W74-00080 7-01 5A	W74-13002 7-24 2J	On the Variance of the Stationary Probability Vector for a Finite Dam,
JAMISON, G. G.	JANSEN, K. P.	W74-10574 7-20 8/
Drainage Area and River Mileage of Nebraska	Preliminary Diagnosis of a New Species of	
Streams: Part 1Salt and Weeping Water	Marine Isopod From Stewart Island,	JARVIS, J.
Creeks, Big and Little Nemaha Rivers, and Minor Streams in Southeastern Nebraska,	W74-07570 7-14 2I	Use of the Model T Coulter Counter in Size Analysis of Fine to Course Sand.
W74-07669 7-15 2E	JANSEN, R. B.	W74-00103 7-01 2
	Discharge System for the A.D. Edmonston	
Water Resources Data for Nebraska, 1972: Part	Pumping Plant,	JASINSKA, B.
I. Surface-Water Records, W74-07647 7-15 7C	W74-04038 7-08 3B	Yield and Chemical Composition of Cocksfoo
W 74-07647 7-13 /C	JANSON, LE.	in Dependence of Nitrogen Fertilization and Water Supply, (In Research),
JAMSEN, G. C.	Some Investigations Concerning UPVC Water	W74-00491 7-01 31
Economic Appraisal of Michigan's Sport	and Sewer Pipes and Fittings,	
Fishery, January 1 - April 24,	W74-13313 7-24 8A	JASINSKI, R.
W74-12779 7-24 6B		Evaluation of the Ferric Ion Sensitive Cha
JAN, NISAR A.	JANSSEN, B. H.	cogenide Glass Electrode, W74-02984 7-06 54
A First Record of Red-Water Phenomenon in	The Significance of the Fallow Year in the Dry- Farming System of the Great Konya Basin,	W /4-02564
Kashmir, India,	Turkey.	Potentiometric Measurement of Copper in Sea
W74-01564 7-03 5C	W74-03605 7-07 3F	water with Ion 1 = 1 Selective Electrodes,
JANAK, J.		W74-11350 7-21 5/
Ultratrace Analysis (Below p.p.b.) by Coupling	JANSSEN, W. A. Oysters: Retention and Excretion of Three	JASINSKI, R. J.
Centripetal Thin-Layer Chromatography and	Types of Human Waterborne Disease Bacteria,	Determination of Sulfate Using Ferric Ion
Gas Chromatography,	W74-06167 7-12 5C	Selective Electrode,
W74-00255 7-01 5A		W74-05693 7-11 5
JANECZEK, W. A.	JANSZ, E. R.	JASNOWSKI, M.
The Effects of Acid Mine Water on Growth	CO2 Fixation by the Blue-Green Alga Anacystis nidulans,	Productivity and Nutrient Turnover in Mir
(Number and Size) of Chlorelia vulgaris,	W74-00236 7-01 5C	Ecosystems: I. Comparison of Two Methods of
W74-02168 7-05 5C	701 30	Estimating the Biomass and Nutrient Conter
JANICKI, K.	JANZEN, S.	of Cladium Mariscus (L.) Pohl,
Environmental Factors of Leukemia Morbidity,	Ecology of Toxic Metals, W74-12908 7-24 5B	W74-13037 7-24 2
(In Polish),	W74-12908 7-24 5B	JASPERS, W. D.
W74-07999 7-15 5C	JAQUITH, J. H.	EPA Review of the EIS,
JANIS, M. W.	The California State Water Project in 1968,	W74-06110 7-12 6
The U.S.S.R.: Ocean Use and Ocean Law,	W74-03502 7-07 6B	JASSAL, N. S.
W74-13220 7-24 6E	JARANYI, G.	Studies on the Influence of Irrigation and Di
JANK, B. E.	Drainage and Water Management in Hungary,	ferent Doses of N, P and K on the Flowerin
Biological Treatment of Airport Wastewater	W74-09816 7-19 2G	Behaviour and Absorption of Nutrient Ele
Containing Aircraft De-Icing Fluids,		ments in Muskmelon (Cucumis melo L.),
W74-10552 7-20 5D	JARBOE, J. E. Calibrating A Water Yield Model for Small	W74-08144 7-15 3
JANKOVIC, D.	Ungaged Watersheds,	JASSBY, A.
Fishes as Indicators of Water Quality and Their	W74-02172 7-05 2A	The Estimation of Vertical Eddy Diffusivitie
Significance for Economic Use (Fische als In-		Below the Thermocline in Lakes,
dikator der Gewassergute und ihre Bedeutung	Calibrating a Water Yield Model for Small	W74-07416 7-14 2
fur die wasserwirtschaftliche Nutzung),	Ungaged Watersheds, W74-07519 7-14 2A	JAT, R. L.
W74-03563 7-07 5A	W14-0/317	Adaptability of Maize to High Soil Water Con
JANKOWIAK, A.	JARMAN, J. W.	ditions,
Dynamics of Changes in the Concentration of	Coastal Applications of the ERTS-A Satellite,	W74-00892 7-02 3
Fluorine Compounds Emitted by the	W74-03374 7-07 2J	JAVAID, M. Y.
Phosphorus Fertilizer Manufacturing Establish- ment in Pozan, and Their Influence on Surface	JARMUTH, R. A.	Effect of DDT on Temperature Selection
and Underground Waters and on the At-	Regeneration of Chromated Aluminum Deox-	Some Salmonids,
mosphere Within the Limits of the City of Poz-	idizers, Phase I Report,	W74-06394 7-12 5
nan, (In Polish),	W74-07254 7-14 5D	IAVODNICKY B
W74-07021 7-13 5B	JAROCKI, W.	JAVORNICKY, P. The Changes in Several Parameters of Plankto
JANNASCH, H. W.	Wave Effect on the Coast Formation and Ero-	Primary Productivity in Slapy Reservoir 196
A Bacteriological Pressure-Retaining Deep-Sea	sion,	1967, Their Mutual Correlations and Correl
Sampler and Culture Vessel,	W74-04335 7-09 2J	tions with the Main Ecological Factors,
W74-04773 7-09 5A	IABOSEWICH E	W74-05071 7-10 5
	JAROSEWICH, E.	

Heavy Metal Concentrations in Museum Fish Specimens: Effects of Preservatives and Time, W74-08792 7-17 5A

Dissimilatory Reduction of Inorganic Sulfur by Facultatively Anaerobic Marine Bacteria, W74-03597 7-07 5C Effect of an Upstream Reservoir on the Stratification Conditions in Slapy Reservoir, W74-05069 7-10 5C

JAVORNICKY, P.

The Influence of Eutrophic Lake Sediments on JEFFRIES, H. P. Radionuclide Biomagnification in Coastal-Plain The Atypical Phosphate Cycle of Estuaries in the Growth of Different Planktonic Algae, Deer. W74-05189 Relation to Benthic Metabolism. W74-02956 7-06 SC 7-10 5B 7-07 SC W74-03626 JENKINS, R. Limnology of Two Re-Regulation Reservoirs in Czechoslovakia, Partitioning of the Estuarine Environment by The Determination of Benzidine in Waste-Two Species of Cancer, W74-05073 7-10 SC waters. W74-02717 7-06 2L W74-10991 7-21 5A JAWED, K. JEFFUS. H. M. JENKINS, R. E. Comparison of Methods of Deriving Unit Mathematical Modeling of Stream Storage Longitudinal Distribution and Habitat of the Hydrographs, Fishes of Mason Creek, an Upper Roanoke River Drainage Tributary, Virginia, Potential. W74-02828 7-06 2E W74-04305 7-09 2E JAWED, M. W74-01592 JELACIC, A. J. Ammonia Excretion by Zooplankton and Its The Interdependence of Lake Ice and Climate Proper Hydration of Clays for Rock Property Significance to Primary Productivity During in Central North America, Determinations, Summer. 7-23 20 W74-12074 W74-03153 7-06 2F W74-12253 7-23 SC JELESNIANSKI, C. P. JENKINS, S. R. JAYARAMAN, R. Numerical Computations of Storm Surges with The Effectiveness of Sand Filters for the Improving the Accuracy of Point-Gauge Mea-Bottom Stress, Removal of Colloidal Manganese Oxides from surement in High-Velocity Flows (Amelioration W74-04759 Water Using Selected Cations as Filter Aids, de la Precision de la Pointe de Mesure Dans W74-03893 7-08 5F Les Ecoulements Rapids). Splash (Special Program to List Amplitudes of W74-08195 7-16 7B Surges From Hurricanes): 1. Landfall Storms, W74-11776 Determination of Trace Metals in Sodium JAYAWEERA, K. O. L. F. Dithionite-Citrate Extracts of Soils and Sedi-A Technique to Obtain Ice Movement, JELINEK, C. ments by Atomic Absorption, W74-12314 7-23 2C Informal Opinions, W74-11425 7-21 5A W74-12173 7-23 6E JAYORAM, N. S. Literature on Mercury: Availability of English Water Budget Estimation in Bellary Region, JELLINEK, H. H. G. Translations. W74-13145 Adhesion of Ice Frozen from Dilute Electrolyte 7-24 2D W74-01323 7-03 5A Solutions. JEANRENAUD, E. W74-07618 A Simply Constructed and Adjustable Mercury The Variation of Water Relations and Respira-Vapor Cell Mount, tion Intensity in Male and Female Ephedra dis-JENDEN, D. J. W74-08379 7-16 7B A Multiple Specific Ion Detector and Analog tachya Plants of the Black Sea Coast as a Function of Age, Data Processor For a Gas Chromatograph JENNETT, J. C. Quadrupole Mass Spectrometer System, W74-01076 The Lead Industry as a Source of Trace Metals 7-07 2K W74-03580 in the Environment. JEDLICKA, C. L. W74-09208 7-17 SR Nomographs for Thermal Pollution Control JENG. S. S. High Zinc Concentration in Common Carp Systems, JENNINGS, C. D. Viscera. W74-03329 Iron-55 and Ruthenium-103 and -106 in the 7-07 5D W74-11946 7-22 5C Brackish-Water Clam Rangia cuneata, JEFFERIES, D. F. W74-07804 7-15 5A JENKIN, K. R. Distribution of Caesium-137 in British Coastal Development and Flight Test of the Multichan-JENNINGS, D. E. AND Waters. nel Ocean Color Sensor (MOCS), W74-02365 7-05 5B A Detailed Investigation of the Sociological, 7-10 7B W74-05026 Economic, and Ecological Aspects of Proposed Radioecology of the Plaice (Pleuronectes Reservoir Sites in the Salt River Basin of Ken-JENKINS, A. S. platessa L) in the Northeast Irish Sea, tucky, Document Services and Referral Activities in W74-07802 7-15 SC W74-04310 Industry and the Federal Government, W74-03052 Trace Metals in the North Sea, JENNINGS, J. D. W74-06011 7-12 5A Digital Interactive Image Analysis by Array JENKINS, C. E. Processing. 55Fe Concentration and Specific Activities in JEFFERS, D. L. W74-06657 7-13 7C North Pacific Marine Organisms, Yield Response of Soybean Varieties Grown At W74-09733 7-18 5C Two Soil Moisture Stress Levels, JENNINGS, J. J. JR. Maintenance Management Systems for Mu-7-17 3F Radiological Sciences, nicipal Wastewater Facilities, W74-09238 7-17 5C JEFFERSON, P. W74-06579 7-13 5D Water Availability and Geology in Marion JENKINS, D. W. JENNINGS, J. N. County, Alabama, Collection and Analysis of Remotely Sensed Structure and Texture of a Gravelly Barrier W74-03810 7-08 4B Data From the Rhode River Estuary Island in the Fitzroy Estuary, Western Aus-Watershed, JEFFREY, A. W74-10622 7-20 2L tralia, and the Role of Mangroves in the Shore The Breaking of Waves on a Sloping Beach, Dynamics. W74-01176 JENKINS, E. D. 7-03 2E W74-03351 7-07 2L Water-Level Changes in Northwestern Kansas, JEFFREYS, H. JENNIONS, M. S. 1950-73. Waves and Tides Near the Shore, A Computer-Based Telecontrol and Communi-W74-09194 7-17 4B cations System for a Water Supply Network, W74-04758 7-09 21.

JENKINS, J. H.

W74-05190

7-21 5A

United States,

Cesium-137 in White-Tailed Deer as Related to

Vegetation and Soils of the Southeastern

W74-06146

W74-06109

CEQ - A View from the Top,

JENNY, B. P.

7-10 5B

7-12 7C

7-12 6G

JEFFRIES, H.

W74-10996

Smog Chamber,

Photochemical Reactions in a Dual Outdoor

JENSEN, A.	JENSEN, R. E.	JEWETT, K. L.
Heavy Metal Tolerance of Marine Phytoplank-	A Simultaneous Determination of Zinc and	Transmethylation of Heavy Metal Ions in
ton. I. The Tolerance of Three Algal Species to	Cadmium,	Water,
Zinc in Coastal Sea Water,	W74-05477 7-11 5A	W74-10983 7-21 5B
W74-11329 7-21 5C	JENSEN, R. L.	JEZESKI, J. J.
Influence of Humic Substances on the Growth	Metal Coordination Compounds of	Microbial ND Chemical Studies in a Watershed
	Thiabendazole.	used for Municipal Supply and Waste Disposal,
of Marine Phytoplankton: Diatoms,	W74-05490 7-11 5A	W74-02449 7-05 5C
W74-02997 7-06 5C	W14-03430 7-11 3A	
JENSEN, A. L.	JENSEN, S.	JHAWAR, M. H.
Population Biomass, Number of Individuals,	The Avifauna of Sweden as Indicators of En-	Brackish Water Desalting Testing and Evalua-
Average Individual Weight, and the Linear Sur-	vironmental Contamination with Mercury and	tion Procedures with Modile Test Facility,
	Chlorinated Hydrocarbons,	W74-01934 7-04 3A
plus Production Model, W74-01593 7-03 2I	W74-11367 7-21 5B	Whi h c
W74-01593 7-03 2I		JIPA, D. C.
Statistical Analysis of Biological Data from	Metabolic Effects of Technical Pen-	Graded Bedding in Recent Black Sea Tur- bidites: A Textural Approach,
Preoperational-Postoperational Industrial	tachlorophenol (PCP) on the Eel Anguilla an-	W74-12384 7-23 2J
Water Quality Monitoring.	guilla L.,	W 74-12304 7-23 23
W74-02993 7-06 5A	W74-00482 7-01 5C	JOBES, H. D.
7-00 5/1	The DCD Sterry	Water Utilities Operator Training: A Worthy
Variation in Results of Identical Bioassays of	The PCB Story,	Investment,
Minnows Subjected to Instant Temperature In-	W74-06393 7-12 5A	W74-08879 7-17 5D
crease,	JERIS, J. S.	
W74-02898 7-06 5C	Plant Gets New Process,	JOBIN, W. R.
	W74-10815 7-20 5D	Effect of Marisa Cornuarietis on Populations of
JENSEN, C. E.	474-10013 7-20 3B	Biomphalaria Glabrata in Farm Ponds of Puerto
Evolution of Monitoring for Earthwatch,	JERNELOV, A.	Rico,
W74-10948 7-21 5A	Factors in the Transformation of Mercury to	W74-12693 7-23 2H
	Methylmercury,	JOBLING, G. A.
Water Retention of Granitic Soils in the Idaho	W74-06794 7-13 5B	Physical Model Study of Border-Strip Irriga-
Batholith,		tion,
W74-07170 7-14 2G	Influence of the Water Pollution,	W74-06340 7-12 3F
	W74-12406 7-23 5C	772 31
JENSEN, H.		JOBSON, H. E.
Forecasting Discharge from a Glaciated Basin	Mercury and Food Chains,	An Experimental Study of Heavy-Mineral
in the Swiss Alps,	W74-06796 7-13 5B	Secregation Under Alluvial-Flow Conditions,
W74-12974 7-24 2C	Studies in Sweden on Feasibility of Some	W74-00533 7-01 2J
JENSEN, J. B.	Methods for Restoration of Mercury-Con-	Mechanics of Heat Transfer in Nonstratified
A Preliminary Check-List of the Marine Algae	taminated Bodies of Water,	Open-Channel Flows,
of the Moss Landing Jetty: An Annotated	W74-00060 7-01 5G	W74-03792 7-08 5B
Floristic Compilation,	Toxicity for Cats of Methylmercury in Con-	Stochastic Analysis of Dune Bed Profiles,
W74-07981 7-15 5C	taminated Fish from Swedish Lakes and of	W74-09619 7-18 2J
	Methyl-Mercury Hydroxide Added to Fish,	1110 23
JENSEN, K. W.	W74-11711 7-22 5C	JOERES, E. F.
Low pH Levels Wipe Out Salmon and Trout		Planning Methodology for the Design of Re-
Populations in Southernmost Norway,	JERNIGAN, C. L.	gional Waste Water Treatment Systems,
W74-05356 7-10 5C	Soil Crusting Related to Sprinkler Intensity,	W74-13018 7-24 5D
PRAIGRAL AS P	W74-04560 7-09 3F	TOWANDOOPN T M
JENSEN, M. E.		JOHANNESSEN, J. M.
Optimizing Surface Irrigation Uniformity by	Soil Crusting Related to Sprinkler Intensity,	Universal Basin for Use in a Sewer System,
Nonuniform Slopes,	W74-08844 7-17 3F	W74-13335 7-24 8A
W74-09800 7-18 3F	IEDDY D I	JOHANNSSON, S.
TRAIGEN M. II	JERRY, R. L.	Reservoir Mechanism in an Aquifer of Arbitra-
JENSEN, M. H.	Turbine Check-Out Made Simple,	ry Boundary Shape,
Plastic Oases for Arid Seashores,	W74-10841 7-20 8C	W74-01129 7-03 2F
W74-06468 7-12 3A	JESPERSEN, F.	
TENOPN AS E	Vacuum Sewage Transport and Treatment in	JOHANSEN, P. H.
JENSEN, M. L.	Rural Areas in Denmark,	Oxygen Consumption and Activity of the White
Geology of Utah and Nevada by ERTS-1	W74-10175 7-19 5D	Sucker (Catostomus Commersoni), In Lethal
Imagery,		and Nonlethal Levels of the Organochlorine In-
W74-01692 7-04 7C	JESSEN, F. W.	secticide, Methoxychlor,
JENSEN, N. S.	Controlled Solution Mining in Massive Salt,	W74-11320 7-21 5C
The Idaho System for the Distribution of Water	W74-05103 7-10 8B	JOHANSEN, R. T.
Among Its Appropriators: An Examination and		History of a Two-Well Industrial-Waste
Among its Appropriators: An Examination and Assessment,	Mechanism of Flow and Controlled Dissolution	Disposal System,
W74-02793 7-06 6E	of Salt in Solution Mining,	W74-03247 7-07 5E
7-00 6E	W74-00934 7-02 8B	1401 JE
JENSEN, P.	JESTER, W. A.	JOHANSON, E. E.
Network Flow Modeling of Multireservoir Dis-		Floatage Collecting Apparatus and Method,
tribution Systems,	Groundwater Tracing with Post Sampling Ac-	W74-10587 7-20 5G
W74-09952 7-19 4A	tivation Analysis, W74-06889 7-13 2F	TOWN NOON I B
7-17 4A	W74-06889 7-13 2F	JOHANSON, J. B.
JENSEN, R. A.	JEWELL, E. D.	Quality Degradation of Dairy Washwater,
Water Persurges Scientific and Technical In	1071 Busst Cound Fall Chinash Calman	W74-10147 7-19 5B

ENSEN, R. A.

Water Resources Scientific and Technical Information Display, Storage, and Retrieval, W74-00192

7-01 10A

Water Resources Scientific and Technical Information Display, Storage, and Retrieval, W74-08452

JEWELL, E. D.

1971 Puget Sound Fall Chinook Salmon Tagging Study, W74-08452

7-16 8I

The Sealing Mechanism of Wastewater Ponds,

W74-13299

JOHANSON, K. J.

JOHANSON, K. J. Phosphate Removal from Duck Far W74-13309	m Wastes, 7-24 5D	Legal Assurances of Adequate Flows of Fresh Water Into Texas Bays and Estuaries to Main- tain Proper Salinity Levels, Analysis of Nutrient Supplies for Elephant Butte Reservoir, W74-12861	r Algae	
W 14-13307	1-24 52	W74-10549 7-20 6E		-
JOHANSSON, J. H. Sewage Flocculating and Sedimen	itation Tank	A New Fault Lineament in Southern Califor-	ith Sew	age
Unit,		nia, W74-03929	7-08	3C
W74-11410	7-21 5D	W74-02570 7-05 7B		
		JOHNSON, H. E.		
JOHAR, G. S. Microdetection of Nitrate with	Malachite	Semi-Automatic Crop Inventory from Sequen- tial ERTS-1 Imagery, American Cockroach Feeding in Secondary Shafts on Paraffin Baits Containing		
Green or Congo Red,	7.01 21	W74-01666 7-04 3F or Kepone Plus a Mold Inhibitor,		
W74-00273	7-01 2K	JOHNSON, D. A. W74-09717	7-18	5G
JOHNELS, A.		Compat Controlled Abreed Sedimentations		
Mercury Content in Feathers of Sy	wedish Birds	Samoan Passage, Equatorial West Pacific, Docked Boats.	ystem	ior
from the Past 100 Years,		W74-10364 7-20 2J W74-11416	7-21	SD
W74-11382	7-21 5A		1-21	30
		JOHNSON, D. B. JOHNSON, H. N.		
JOHNELS, A. G.		Engineering Fog-Modification Experiments by Legal Aspects of Wetlands Protect	tionLi	mits
The Avifauna of Sweden as Indic		Computer Modelling,		
vironmental Contamination with I	Mercury and	W74-10255 7-19 3B W74-08167	7-16	6E
Chlorinated Hydrocarbons, W74-11367	7-21 5B	Warm Fog Dispersal Techniques,		
W/4-1130/	7-21 3B	W74-11200 7-21 3B JOHNSON, H. P.		
JOHNS, B.		Atrazine, Propachlor, and Diazino	n Resid	dues
On the Vertical Structure of Ti	dal Flow in	JOHNSON, D. C. on Small Agricultural Watersheds,		
River Estuaries,		Voltammetric Determination of Nitrate and W74-05295	7-10	5B
W74-01205	7-03 2L	Nitrite Ions Using a Rotating Cadmium Disk		
		Electrode, Gully Bank Erosion: Mechanics and	Simula	tion
Some Consequences of an Inerti	a of Turbu-	W74-00251 7-01 2K by Digital Computer,		
lence in a Tidal Estuary,		W74-03202	7-07	2J
W74-01648	7-03 2L	JOHNSON, D. E.	Coop	land
SOUNCE IN THE		The In Vivo Effect of P,P' DDT on Na+-K+- Water Quality Implications of	Cropi	tanu
JOHNS, R. W.	A!!	Activated ATPase Activity in Rainbow Trout Nutrients, (Salmo Gairdneri), W74-11607	7-22	"
An Economic Analysis of Selected		(Salmo Gairdneri), W74-11607 W74-11485 7-22 5C	1-22	90
Uses of Warm Water in the Pacifi		JOHNSON, J. B.		
Resulting from Electric Power Gen W74-07125	7-14 3C	JOHNSON, D. S. Economic Implications of Water	r Pollu	tion
W /4-0/123	7-14 30	Development of Blue-Green Algal Blooms in Abatement in Family Farm Livesto		
JOHNSON, A. D.		Non-Alkaline Waters, tion,		uu.
Early Actions of Cadmium in	the Rat and	W74-08478 7-16 5C W74-10738	7-20	6E
Domestic Fowl-6 Testicular and M				-
Flow Changes.		JOHNSON, E. A. Implications of State Environmen	tal Leg	isla-
W74-11370	7-21 5C	Forest Service Policy Related to the Use of Na- tion on Livestock Waste Manageme	nt,	
		tional Forest Lands for Disposal of Wastewater W74-09670	7-18	5G
JOHNSON, A. F.		and Sludge,		
Project Planning,		W74-12899 7-24 5D Potential Economic Impacts of Sta	te Pollu	ition
W74-01059	7-02 8A	JOHNSON, E. S. Controls on Dairy Farms,		
JOHNSON, A. S.		Some Generalized Beta Distributions of the W74-10300	7-19	20
Survey of Economic-Ecologic Imp	acts of Small	Second Kind Having Desirable Application JOHNSON, J. D.		
Watershed Development,	uets of Sman	Features in Hydrology and Meteorology, An Amperometric Membrane	Hab	ogen
W74-11680	7-22 6B	W74-07412 7-14 2A Analyzer,	Hall	ogen
***************************************	, 22 02	W74-10980	7-21	
JOHNSON, B.		JOHNSON, F. L. W/4-10980	7-21	JA
Florida's Rationale for Coastal Z	one Manage-	Design Criteria and Research Needs, Application of Remote Sensing to	State	and
ment,		W74-09400 7-18 4A Local Government (ARSIG),		
W74-05657	7-11 6E	W74.13140	7-24	6F
JOHNSON, B. D.		Analyses of Tors Chars Gases and Water		
	mulaiana Cub	Found in Effluents from the Synthesis Process		
The Formation of Water-In-Oil En	nuisions and-	Found in Effluents from the Synthane Process, W74-08592 7-16 5A System for the Determination	of T	race
sequent to an Oil Spill, W74-02377	7-05 5B	Amounts of Phenotic Compounds,		
11 (4-02311	7-03 38	JOHNSON, G. N. W74-05244	7-10	5A
JOHNSON, B. T.		Distribution and Relative Ahundance of Fishes	ton D	
Biomagnification of p,p'-DDT	and Methox-	in Newport River, North Carolina, Sensors for Water and Wastewa	ter Pro	cess
ychlor by Bacteria,		W74-12064 7-23 81 Control, W74-10958	7.21	CT)
W74-00615	7-02 5B		7-21	30
		Standing Crops of Aquatic Organisms in Tidal		
JOHNSON, C. R.		Streams of the Lower Cooper River System,	astewat	er in
Diel Variation in the Thermal Tol	erance of Li-	South Carolina, W74-09380 7-18 2L the Corps of Engineers Wastewat		
toria gracilenta (Anura: Hylidae), W74-04245	7-08 5C	ment Program,		
17 /4-04243	7-08 SC	JOHNSON, G. R. W74-12897	7-24	5D
Pulse Testing: A New Method for	or Describing	Automatic Interpretation of ERTS Data for		
Reservoir Flow Properties Betwee		Forest Management. JOHNSON, J. L.		
W74-00939	7-02 8G	W74-06643 7-13 4A Hexachlorobenzene (HCB) Residue		
		W74-11331	7-21	5C
JOHNSON, C. W.		JOHNSON, G. V.		
Evaluation of Remote Sensing i	n Control of	An Analysis of Mercurials in the Elephant JOHNSON, J. S.		
Pink Bollworm in Cotton,	204 25	Butte Ecosystem, Water Desalting,	7.10	
W74-01679	7-04 3F	W74-04859 7-10 5B W74-10284	7-19	5E

Underground Storage of Texas Playa Lake

Waters by Injection Into the Ogallala Forma-

JOHNSON, P.

JOHNSON, J. S. JR.

W74-05284

JOHNSON, M. V.

JOHNSON, N. M.

W74-05923

Annual Peak Discharges from Small Drainage

Areas in Montana, Through September 1972, W74-07667

Major Element Geochemistry of Lake Powell,

Hyperfiltration (Reverse Osmosis) of Kraft

Pulp Mill and Bleach Plant Wastes, W74-02285

7-06 21

Vegetation of the Missouri River Floodplain in

North Dakota,

W74-02667

W74-02285 7-05 5D	tion Under Moderate Pump Pressure,	W 74-02007 7-00 21
W 74-02283 7-03 3D	W74-01627 7-03 4B	JOHNSON, W. D.
JOHNSON, J. T.		Occurrence of Silica in the Natural Waters of
Variables Affecting Well Success in a Ken-	JOHNSON, P. G.	the Huntley-Robertson District, Southern New
tucky Limestone Aquifer,	Distribution of Metals in Baltimore Harbor	South Wales.
W74-07176 7-14 4B	Sediments,	W74-02555 7-05 2K
	W74-06924 7-13 5B	
Variables Affecting Well Success in a Ken-	TOWNSON, P. III	JOHNSON, W. G. JR.
tucky Limestone Aquifer,	JOHNSON, P. W.	Survival of Vibrio Parahaemolyticus in Oyster
W74-09543 7-18 4B	Water Supply Evaluation and Proposed Com-	Shellstock at Two Different Storage Tempera-
***************************************	prehensive Study of the Charleston-Bushy Park Industrial Complex, South Carolina,	tures,
JOHNSON, J. W.	W74-09389 7-18 2L	W74-00616 7-02 5C
Coastal Processes,		***************************************
W74-04951 7-10 2L	JOHNSON, R. A.	JOHNSON, W. K.
Sand Losses from a Coast by Wind Action,	The Spreading and Transport of Oil Slicks on	Process Kinetics for Denitrification,
W74-04967 7-10 2J	the Open Ocean in the Presence of Wind,	W74-08320 7-16 5D
7-10 23	Waves, and Currents,	JOHNSON, W. M.
Tracing Coastal Sediment Movement by Natu-	W74-05919 7-11 5B	Maintenance Management Systems for Mu-
rally Radioactive Minerals,		nicipal Wastewater Facilities,
W74-04753 7-09 2J	JOHNSON, R. B. JR.	
	An Evaluation of the Effects of Estuarine En-	W74-06579 7-13 5D
JOHNSON, K. L.	gineering Projects,	JOHNSON, W. S.
An Enclosed Weir for Small Streams in Snow	W74-05038 7-10 5B	Respiration Rates of Some New Zealand
Country,	JOHNSON, R. G.	Echinoderms (Note),
W74-02249 7-05 7B	Salinity of Interstitial Water in a Sandy Beach,	W74-02949 7-06 5A
TOTALOGN V. C	W74-00523 7-01 2L	
JOHNSON, K. S.		JOHNSTON, A. K.
Social Costs and Benefits of Water Resource	Johnson, R. H. JR.	Observations on Floating Breakwaters for
Construction,	Assessment of Potential Radioological Health	Reflection of Shallow Water Waves
W74-03204 7-07 6B	Effects From Randon in Natural Gas,	(Recherches Sur Les Brise-Lames Flottants
JOHNSON, L. C.	W74-05420 7-11 5C	Destines A Reflechir La Houle En Eau Peu
Characterization of Suspended Sediments in	IOHNON B.I	Profonde),
Water from Selected Watersheds as Related to		W74-02693 7-06 2J
Control Processes, Nutrient Contents, and		
Lake Eutrophication,	W74-07426 7-14 5B	JOHNSTON, C. R. JR.
W74-07736 7-15 5E		Effluent Neighbors: The Mexico-United States
W/4-0//30	JOHNSON, R. N.	Water Quality Dilemma,
JOHNSON, L. G.	New Polymer Membrane Technology for	W74-00869 7-02 5G
Chlorinated Insecticide Residues in the Eggs of	Desalination of Seawater by Reverse Osmosis,	TOTAL TOTAL
Some Freshwater Fish,	W74-00312 7-01 3A	JOHNSTON, D.
W74-11323 7-21 5C		The Economic Zone in The Law of The Sea:
	JOHNSON, R. P.	Survey, Analysis and Appraisal of Current
Formation of Pentafluorobenzyl Derivatives		Trends,
for the Identification and Quantitation of Acid		W74-11142 7-21 6E
and Phenol Pesticide Residues,	W74-01234 7-03 2H	JOHNSTON, D. P.
W74-03850 7-08 5A	JOHNSON, S.	Everything You Always Wanted to Know
JOHNSON, L. J.	Recent Sociological Contributions to Water	About Sulfate-Reducing Bacteria (But Were
The Distribution of Plutonium in Liquid Waste		Afraid to Ask).
Disposal Areas at Los Alamos,	W74-13064 7-24 6B	W74-00942 7-02 5B
W74-13117 7-24 5E		
W/4-1511/	JUHNSUN, S. A.	JOHNSTON, D. W.
JOHNSON, L. J. AND	Characterization and Analysis of Airborne Par-	Polychlorinated Biphenyls and P,P' DDE in
Ecodistribution of Plutonium in Liquid Waste	ticulate Material by Infrared Spectroscopy,	Green Turtle Eggs from Ascension Island,
Disposal Areas at Los Alamos,	W74-10957 7-21 5A	South Atlantic Ocean,
W74-04443 7-09 5E	JOHNSON, T. A.	W74-11335 7-21 5C
	Weather Modification Operations In California,	TOTAL P. A
JOHNSON, M.	October 1 1970-Sentember 30 1971	JOHNSTON, E. A.
Occurrence of Silica in the Natural Waters of	W74-02293 7-05 3B	Surface- and Ground-Water Conditions During
the Huntley-Robertson District, Southern New		1959-61 in a Part of Flett Creek Basin, Tacoma,
South Wales,	JOHNSON, T. S.	Washington,
W74-02555 7-05 2K	ricoperational Levels of Environmental	W74-04796 7-09 2E
JOHNSON, M. E.	Radioactivity in Water and Sediment Around	JOHNSTON, G. H.
Forest Products Pollution Control Annotated	Turkey Point Nuclear Power Plants, Card	Engineering Design and Construction in Per-
Bibliography (Excluding Pulp and Paper),	Soulius, Floriua,	mafrost Regions: A Review,
biologiaphy (Excluding rulp and rapel),	W74-08971 7-17 5A	mande regions is never,

7-17 5A

7-17 5A

7-15 3F

W74-04404

W74-04377

W74-11023

JOHNSTON, H. E.

Evaluation of in Situ Creep Properties of

Availability of Groundwater in the Lower Paw-

Frozen Soils with the Pressuremeter,

catuck River Basin, Rhode Island,

W74-08971

JOHNSON, W.

W74-08970

W74-08079

JOHNSON, W. C.

7-15 2E

7-11 2H

Point, 1970-1971,

with Growth Sensors,

Radiological Surveillance Around Turkey

Sugarbeet Response to Irrigation as Measured

7-09 8D

7-09 2C

JOHNSTON, J. W. AND

JOHNSTON, J. W. AND Environmental Surveillance for Fuel Fabrica- tion Plants,	Measurement of Molecular Organic Contami- nants in Polluted Water by Liquid Chromatog- raphy,	JONES, D. M. A. Causes for Precipitation Increases in the Hills of Southern Illinois,
W74-04451 7-09 5B	W74-12031 7-23 5A	W74-11138 7-21 2B
JOHNSTON, K. H. How to Find Abandoned Oil and Gas Wells, W74-00941 7-02 8G	JOLLY, J. P. Simulation Accuracies of Gradually Varied Flow, W74-09628 7-18 8B	JONES, D. R. The Effect of Thermal Acclimation on Heart rate and Oxygen Consumption of Frogs During Submergence.
JOHNSTON, P. R.		W74-04242 7-08 5A
A Design Procedure for the Conjunctive Use of Surface and Groundwater Storages, W74-04598 7-09 4B	JONAS, R. E. E. Effects of Cadmium and Copper on the Oxidation of Lactate by Rainbow Trout (Salmo gairdnert) Gills,	JONES, D. R. IV. Atomic Absorption Detector for Liquid-Liquid
JOHNSTON, R.	W74-04780 7-09 5C	Chromatography, W74-06998 7-13 5A
Pollution Studies in the Clyde Sea Area, W74-06049 7-12 5C JOHNSTON, R. H.	JONAS, R. S. Urban Storm Drainage Activities in New York, W74-02171 7-05 4A	JONES, E. B. Areal Snowpack Water-Equivalent Determina-
Hydrology of the Columbia (Pleistocene)	JONASSON, P. M.	tions Using Airborne Measurements of Passive Terrestrial Gamma Radiation,
Deposits of Delaware: An Appraisal of a Re- gional Water-Table Aquifer,	Ecology and Production of the Profundal Benthos in Relation to Phytoplankton in Lake	W74-10681 7-20 2C
W74-11993 7-22 4B	Esrom,	Interstate and International Aquifers, W74-08276 7-16 6E
JOHNSTON, W. E.	W74-00466 7-01 5C	
An Annotated Bibliography for Economic Evaluations of the Aquaculture of Selected Crustaceans and Mollusks,	JONCA, E. Water Denudation of Molehills in Mountainous Areas.	Management and Administration of Ground Water in Interstate Aquifers, Phase II, W74-10537 7-20 4B
W74-09067 7-17 10C	W74-04639 7-09 2J	JONES, E. C.
JOHNSTON, W. R. Development of an Agricultural Drainage Guide,	JONES, B. A. JR. Selecting a Method for Scheduling Irrigation,	New Records of Sargassum Hawaiiensis Doty and Newhouse (Sargassaceae, Phaeophyta), a
W74-07438 7-14 4A	Using a Simulation Model. W74-04134 7-08 3F	Deep Water Species, W74-01349 7-03 2I
JOHNSTONE, D. L. Survival of Escherichia coli in Oligotrophic	JONES, B. F.	JONES, E. E. JR. Well Construction Helps Determine Water
Waters,	Comparison of Observed and Calculated Con- centrations of Dissolved Al and Fe in Stream	Quality,
W74-10535 7-20 5C	Water,	W74-00954 7-02 5B
Survival of Intestinal Bacteria in Oligotrophic	W74-11422 7-21 5A	JONES, G.
Waters, W74-07737 7-15 5C	WATEQ, A Computer Program for Calculating Chemical Equilibria of Natural Waters,	Measurement of Molecular Organic Contami- nants in Polluted Water by Liquid Chromatog-
JOHRI, K. N. Semimicrodetermination of Mercury(II) and	W74-08606 7-16 2K	raphy, W74-12031 7-23 5A
Zinc(II) by Precipitation from Homogeneous Solution, Using Cation Generation Technique,	JONES, B. L. Hydrology and Sediment Transport, Moanalua Valley, Oahu, Hawaii,	JONES, G. D. Comparative Yield and Fertilizer Efficiency of
W74-06869 7-13 5A JOIRIS, C.	W74-00354 7-01 2E	No-Tillage and Conventionally Tilled Corn, W74-10335 7-19 3F
A Bacterial Methylmercury-Mineralizing Ac-	JONES, B. R. Temperature Requirements for Embryos and	IONES C E
tivity in River Sediments, W74-09092 7-17 5B	Larvae of the Northern Pike, Esox lucius (Linnaeus),	JONES, G. E. Chlorodioxins in Pesticides, Soils, and Plants, W74-02371 7-05 5B
JOKIEL, P. L.	W74-04670 7-09 5C	Distribution of Alkyl Arsenicals in Model
Effects of Heated Effluent on Hermatypic Corals at Kahe Point, Oahu, W74-11303 7-21 5C	Thermal Requirements for Maturation, Spawning, and Embryo Survival of the Brook Trout, Salvelinus fontinalis,	Ecosystem, W74-01409 7-03 5C
JOLISSAINT, C. H.	W74-02868 7-06 5C	JONES, G. M.
A Computer Simulation Model for Flood Plain Development. Part II: Model Description and	JONES, C. C.	Automation Comes to L.A., W74-08225 7-16 5D
Applications,	Nickel Carbonyl Poisoning, Report of a Fatal Case,	
W74-07296 7-14 6A	W74-09786 7-18 5C	JONES, J. D. A Simple, Rapid Method for the Determination
JOLLEY, R. L. Chlorination Effects on Organic Constituents in Effluents from Domestic Sanitary Sewage	JONES, C. E. Vortex Concept for Separating Oil from Water,	of Trace Mercury in Fish Via Neutron Activa- tion Analysis, W74-06788 7-13 5A
Treatment Plants,	W74-01148 7-03 5G	
W74-02416 7-05 5C	JONES, D. An Analytical Method for Total Heavy Metal	JONES, J. H. The Environmental Fate of Stranded Crude
Determination of Chlorination Effects on Organic Constituents in Sewage Treatment Plant	Complexing Agents in Water and its Applica- tion to Water Quality Studies,	Oil, W74-00049 7-01 5B
Effluents: A Coupled 36Cl Tracer-High- Resolution Chromatographic Technique,	W74-02658 7-06 5A	JONES, J. J.
W74-10989 7-21 5D	How Much Will Cleanup Cost,	Forest Management on the Watershed, W74-03129 7-06 4C
High-Resolution Analyses of Refractory Or-	W74-05268 7-10 5D	
ganic Constituents in Aqueous Waste Effluents,	Impact of Pollution Abatement on Capital Allo- cation and Profitability,	JONES, J. M. The Microcalorimetry of Microbial Growth,
W74-09226 7-17 5A	W74-12426 7-23 5G	W74-03273 7-07 5A

4C

In-Process Pollution Abatement: Upgrading

Poultry-Processing Facilities to Reduce Pollu-

Environmental-Impact Assessment for Plant

Oxidation of Organic Matter in Sediments,

JONES, R. H.

JONES, R. L.

W74-12883

W74-13273

W74-06528

JONES, R. S.

Biotoxic Elements in Soils,

Design and Operation,

tion, W74-03498

7-12 2I

JONES, J. R.

Seedlings,

W74-06461

JONES, J. W.

JONES, L. G.

W74-03149

JONES, L. H. P.

W74-11227

7-21 8I

W74-03678

Damaged Well,

Moisture Stresses in Arizona Mixed Conifer

A Simulated Environmental Model of Tempera-

ture, Evaporation, Rainfall, and Soil Moisture,

Estimating Skin Effect in a Partially Completed

Plant-Available and Extractable Sulfur in Some

7-23 5D

7-04 3F

7-06 8B

7-07 8B

JONSSON, S. E.

W74-12409

W74-01893

W74-03106

W74-03689

Waves.

JORDAAN, J. M. JR.

Dispersive Water Waves,

JOOS, J. L.

7-07 5D

7-24 5D

7-24 5G

7-13 5C

7-07 8B

W74-03079

Treatment of Condensate,

Influence of Overhead Sprinkler Systems on

Spider Mite Populations in North Coast Vineyards of California,

Feasibility of Modeling Run-up Effects of

Model Studies of Impulsively-Generated Water

Soils of England and Wales,	JUNES, R. V.	
W74-01997 7-04 2G	Processing Animal Wastes for Feed and Indus-	JORDAN, C. F.
Additional to the second secon	trial Products,	Mathematical Model of Tritiated and Stable
JONES, L. L.	W74-10152 7-19 5D	Water Movement in an Old-Field Ecosystem,
Costs of Land Subsidence Due to Ground	JONES, R. W.	W74-07812 7-15 5B
Water Withdrawal,	Recovery of Animal Feed from Cattle Manure,	Transpiration Measurement in Pines Using
W74-12867 7-24 4B	W74-00429 7-01 5D	Tritiated Water as a Tracer,
JONES, N. Y.	******	W74-05197 7-10 5B
Relation Between Total Body Weight and Con-	JONES, S. H.	mail was a contract to
centrations of Manganese, Iron, Copper, Zinc,	Small-Stream Flood Investigations in Alaska, A	Tritium Movement in an Old-Field Ecosystem Determined Experimentally,
and Mercury in White Muscle of Bluefish	Compilation of Peak Data, May 1963 to September 1972,	W74-05198 7-10 5B
(Pomatomus saltatrix) and A Bathyl-Dimersal	W74-09218 7-17 2E	W 74-03136
Fish Antimora Rostrata,	***************************************	JORDAN, D. R.
W74-01413 7-03 5B	JONES, S. J.	Brine Concentration by Electrodialysis, Phase
	The Effect of Impurities on the Mechanical	I,
JONES, O. R.	Properties of Ice Single Crystals,	W74-08500 7-16 3A
Movement and Accumulation of Suspended	W74-04914 7-10 2C	Brine Concentration by Electrodialysis, Phase
Sediment During Basin Recharge,	Radio Depth-Sounding on Meighen and Barnes	II.
W74-03240 7-07 4B	Ice Caps, Arctic Canada,	W74-08501 7-16 3A
IONES B C W	W74-04571 7-09 2C	1710 311
JONES, P. G. W.		JORDAN, R. R.
Trace Metals in the North Sea, W74-06011 7-12 5A	JONES, S. M.	Geologic Control of Ground Water Movement
W74-06011 7-12 5A	The Observation of Micro-Organisms on Sur-	in a Portion of the Delaware Piedmont,
JONES, P. H.	faces by Incident Fluorescence Microscopy,	W74-02320 7-05 2F
Degradation of Organic Nitrogenous Com-	W74-02989 7-06 5A	Suspended Sediment Transport in Delaware
pounds by Psychrophilic Bacteria,	JONES, T. F.	Bay.
W74-13312 7-24 5D		W74-07233 7-14 2L
Hydrogeologic Aspects of Structural Deforma-		JORDAN, W. R.
tion in the Northern Gulf of Mexico Basin,		Abscission Processes in Cotton: Induction by
W74-13179 7-24 2F	JONES, T. I.	Plant Water Deficit,
	Treatment of Water or Aqueous Systems,	W74-04136 7-08 3F
Hydrology of Radioactive-Waste Disposal at		Sensitivity of Southern Peas to Plant Water
the Idaho Chemical Processing Plant, National	JONES, T. R.	Deficit at Three Growth Stages,
Reactor Testing Station, Idaho,	Effluent Treatment at Man-Made Fibre Produc-	W74-10340 7-19 3F
W74-12546 7-23 5E	tion Units,	
A Study of Foaming Problems in an Oxidation	W74-02263 7-05 5D	JORDENING, D. L.
Ditch Treating Swine Waste,		Research Needs and Priorities: Water Pollution
W74-09703 7-18 5D	JONES, W. D. The Effects of Water Content and Density on	Control Benefits and Costs, Vol. II,
710 22	the Electrical Resistivity of Soil,	W74-04465 7-09 5G
JONES, P. R.	W74-10829 7-20 2G	State-of-Art Review: Water Pollution Control
A Feasibility Study of a Research Program on		Benefits and Costs, Vol I,
the Source, Degradative Removal and Seconda-		W74-04464 7-09 5G
ry Consequences of Petroleum Products in		IORGENSEN D. C.
Water,	Final Settling Tanks,	JORGENSEN, D. G. Water Resources of the Big Sioux River Valley
W74-03767 7-08 5A	W74-10573 7-20 5D	Near Sioux Falls, South Dakota.
JONES, R.	JONES, W. K.	W74-02619 7-05 2E
A Sampler for the Chemical Analysis of Fresh-	Water to the state of the state	
waters Using Evacuated Tubes,	County, West Virginia,	JOSEFSSON, B.
W74-05321 7-10 7B	W74-07908 7-15 2F	Confirmation Studies on Polychlorinated
7-10 7.0		Biphenyls (PCB) from River Waters Using
JONES, R. A.	JONEZ, A. R. Lake Mead, a Case History,	Mass Fragmentography, W74-10820 7-20 5A
Connecticut River Ecological Study A Study	W74-08748 7-17 4A	W74-10820 7-20 5A
of the Rate and Pattern of Shad Migration in	1-17 4A	A Fluorimetric Determination of Lignin Sul-
the Connecticut RiverUtilizing Sonic Tracking		fonates from Natural Waters in Presence of
Apparatus,	Wave Boundary Layers and Friction Factors,	Humic Substances,

JOSEFSSON, B.		
Simple Apparatus for On-Site Continuous	sociation Constants of 6-Substituted Spiro (3.3)	JUMIKIS, A. R.
Liquid-Liquid Extraction of Organic Com-	Heptane-2-Carboxylic Acids, W74-00324 7-01 2K	Effect of Porosity on Amount of Soil Water Transferred in a Freezing Silt,
W74-08414 7-16 5A	JUDD, D. R.	W74-04376 7-09 2C
JOSEPH, E. B.	Riverfront Development: The Politics of	JUNE, F. C.
South Carolina's New Marine Resources Center,	Master Planning, W74-08495 7-16 3D	Mercury in Fish, Sediments, and Water in Lake Oahe, South Dakota,
W74-12775 7-24 2L		W74-02423 7-05 5A
TOCKERII II A	JUDD, J. B.	HING H
JOSEPH, H. A. Increased Denitrification in Soils by Additions	The Effects of Ecological Changes on Buckeye Lake, Ohio, with Emphasis on Largemouth	JUNG, H. Deep-Bed Filtration,
of Sulfur as an Energy Source,	Bass and Aquatic Vascular Plants,	W74-08784 7-17 5F
W74-08322 7-16 5B	W74-06546 7-13 5C	
JOSEPH, R. T.	JUDGE, A. S.	JUNG, P. E. JR. Response of Irrigated Corn to Time, Rate, and
Process For Regenerating Spent Active Carbon	Deep Temperature Observations in the Canadi-	Source of Applied N on Sandy Soils,
in a Suspension-Dispersion Transport System,	an North,	W74-10338 7-19 3F
W74-10487 7-20 5D	W74-04349 7-09 2C	JUNGERS, R. H.
JOSEPHSON, J.	JUDGE, C. W.	Determination of Trace Elements in Coal, Fly
Cleaning Up: Paper Industry's Mess,	Radioisotopic Sand Tracer Study Point Con-	Ash, Fuel Oil, and Gasoline-A Preliminary
W74-09458 7-18 5G	ception, California. Preliminary Report on Ac- complishments July 1966 - June 1968,	Comparison of Selected Analytical Techniques, W74-12500 7-23 5A
How Much Metal is There in Our Waters,	W74-03608 7-07 2J	W 74-12300 7-23 3A
W74-11918 7-22 5B		JUNK, G. A.
JOSHI, N. S.	JUDKINS, J. F. JR. Color Removal from Textile Dye Waste by	Trace Organics In Water: Their Isolation and
Bituminous Coal - A Substitute for Anthracite	Coagulation,	Identification, W74-03848 7-08 5A
Filter Media in Two-Layer Filtration of Water,	W74-04303 7-09 5D	
W74-08350 7-16 5F	Filtrability of Water-Treatment-Plant Sludge,	JUO, A. S. R.
JOSHI, S. N.	W74-00387 7-01 SF	Hydrolysis and Availability of Pyrophosphate in Tropical Soils,
Water Treatment Plant (1140 cu m/hr) for Su-		W74-08498 7-16 2G
nabeda, W74-13329 7-24 5D	Water-Treatment-Sludge Filtration Studies,	WIDARO B
	W74-02440 7-05 5D	JURADO, R. Physical Properties of Some Volcanic-Ash
JOSHIPURA, P. B.	JUDSON, A.	Derived Soils of the Highlands of Pasto,
New Ultraviolet Ratio Spectrophotometric System for the Determination of Trace	Predicting Avalanche Intensity from Weather	Narino, Colombia, (In Spanish),
Amounts of Phenolic Compounds,	Data: A Statistical Analysis, W74-02294 7-05 2C	W74-01228 7-03 2G
W74-05244 7-10 5A		JURINAK, J. J.
JOSLIN, J. R.	JUDSON, F. N. Balantidiasis Outbreak in Truk,	Kinetics of the Phosphate Interaction with
Water and Effluent Treatment Plants - Cost	W74-07031 7-13 5C	Calcite, W74-06895 7-13 5B
Considerations and Client, Contractor, Con- sultant Relationships, The Consultant's View,		
W74-07312 7-14 5D	JUDY, H. Seasonal Abundance and Distribution of Ju-	Test of a New Model for the Kinetics of Ad-
	venile Blue Crabs in Core Sound, N.C. 1965-	sorption-Desorption Processes, W74-10742 7-20 5G
JOY, D. S. Assessment of the Loss of Radioactive	1966,	
Isotopes from Waste Solids to the Environ-	W74-07350 7-14 2L	JURIS, S. Phytoplankton of the Czechoslovak Sector of
ment. Part 1: Background and Theory,	JUDY, J.	the Danube and of the Estuaries of the Prin-
W74-05419 7-11 5B	Seamounts and Guyots: A Unique Resource,	cipal Tributaries on Czechoslovak Territory,
Effluent Control in Fuel Reprocessing Plants,	W74-06966 7-13 6E	(In Czect.),
W74-13127 7-24 5D	JUDY, J. N.	W74-01371 7-03 21
JOYCE, J. M.	Effect of Detergent Application on the Growth	Preliminary Data About the Seasonal Changes
Analysis of Biological, Clinical, and Environ-	of corn, W74-01057 7-02 3C	and Vertical Stratification of Periphyton from the Middle Reach of the River Danube,
mental Samples Using Proton-Induced X-Ray		W74-04294 7-08 5A
Emission, W74-11862 7-22 5A	Effect of Detergent-Laden Water on the	
	Growth of Corn, W74-09256 7-18 3C	JURS, P. C. Interpretation of Infrared Specta Using Pattern
JOYCE, J. R. An Improved Bottom-Water Sampler,		Recognition Techniques,
W74-02410 7-05 7B	JULIAN, S. I.	W74-02376 7-05 2K
MOVEE B T	Improved Water Management for Paddy Rice Production in the Philippines,	JUST, J. J.
JOYCE, R. T. Monitoring Nutrient Losses from Small	W74-08464 7-16 3F	Sensitivity of Vertebrate Embryos to Heavy
Watersheds,		Metals as a Criterion of Water Quality,
W74-03219 7-07 5B	JULIANO, R. O. Weight-Length Relationship and Growth of	W74-03206 7-07 5C
JOYNER, B. F.	Chanos chanos (Fersskal) Grown in Freshwater	Sensitivity of Vertebrate Embryos to Heavy
Nitrogen, Phosphorus, and Trace Elements in	Ponds,	Metals as a Criterion of Water Quality-Phase I,
Florida Surface Waters, 1970-71,	W74-01080 7-02 8I	W74-07715 7-15 5C

The Determination of Cobalt in Fish Tissue by The Determination of Count in Sector Atomic Absorption Spectrophotometry,
7-10 5A JUSTICE, C. A.

Algal Growth, W74-04552

Effect of Phosphorus Removal Processes on

7-09 5C

JULSHAMN, K.

7-05 5A

W74-02476

JOYNER, B. L.

Mechanism of Transmission of Nonconjugative

Substituent Effects. IV. Analysis of the Dis-

JUSTYN, J. Uptake of Natural Radioisotopes by Aquatic	KADOTA, M. Determination of Trace Fluorine in Biological	Mass Media in Dissemination of Water Research Results.
Organisms,	Materials by Photonuclear Activation Analysis,	W74-12192 7-23 6B
W74-06534 7-13 5C	W74-02361 7-05 5A	KAHN, B.
JUTTNER, F. Mass Cultivation of Anacystis Nidulans. Ap-	KADOUM, A. M. Pesticide Residues in Natural Fish Populations	Radionuclides in the Environment at Nuclear Power Stations.
pendix D,	of the Smoky Hill River of Western Kansas -	W74-05183 7-10 5B
W74-12591 7-23 5C	1967-69, 10H. E. Klaassen, and W74-06052 7-12 5A	Tritium Releases from Nuclear Power Stations,
KABACHNIK, M. I.		W74-02017 7-04 5B
Conjugation in Systems with Tetrahedral Phosphorus,	KADREKAR, S. B. Soil Potassium Forms in Relation to Agrocli-	KAHN, E. H.
W74-01788 7-04 5B	matic Conditions in Maharashtra,	A Resonant Capsule Pressure Transducer For
KABALIN, YE. G.	W74-08378 7-16 2G	Data Buoys, W74-01160 7-03 7B
Soil Moisture Dynamics and Its Variations in	KAEHLER, M.	
Soils Under Field Crops (Dinamika vlazhnosti i stepen' yeye var'irovaniya v pochvakh pod	A Simultaneous Determination of Zinc and Cadmium.	KAISER, E. J. Promoting Environmental Quality Through
polevymi kul'turami),	W74-05477 7-11 5A	Urban Planning and Controls,
W74-07509 7-14 2G	KAELIN, J. R.	W74-01470 7-03 5D
KABEYA, H.	Aeration Apparatus for Liquids,	Promoting Environmental Quality Through
Studies of Renovation of Pulp Mill Wastewater Pilot Plant Tests for Granular Activated Carbon	W74-09191 7-17 5D	Urban Planning and Controls, W74-08828 7-17 5G
Adsorption of Kraft Pulp Mill Wastewater, (In	Aeration Device for the Surface Aeration of	
Japanese), W74-08778 7-17 5D	Liquids, W74-11062 7-21 5D	KAISER, K. L. E. Determination and Differentiation of
		Ethylenediaminetetra-Acetic Acid (EDTA) and
Studies on Renovation of Pulp Mill Waste Water: Pilot-Plant Tests for Granular Activated	Sewage Treatment Plant Equipped with an Aeration Impeller,	Nitrilotriacetic Acid (NTA) in Freshwater, W74-00295 7-01 5A
Carbon Adsorption of Kraft Pulp Mill Waste-	W74-11415 7-21 5D	
water (In Japanese), W74-09457 7-18 5D	KAEMPF, H. J.	Mirex: An Unrecognized Contaminant of Fishes from Lake Ontario,
KABULOV, S. K.	Removal of Organic Material by Adsorption on	W74-12990 7-24 5A
Growth Feature of Introduced Plants in Con-	Activated Carbon, W74-02264 7-05 5D	KAITO, H.
nection with Their Adaptation to Drought. (in	KAERS, W.	Some Limnological Remarks on Lake Saizuchi
Russian), W74-08118 7-15 2I	Agricultural Cellulosic Wastes for Feed,	Numa, Yamagata Prefecture, (In Japanese), W74-02207 7-05 50
KACHADOORIAN, R. AND	W74-10154 7-19 5D	
Permafrost-Related Engineering Geology	KAESLER, R. L.	KAKA, G. F. Role of Class a Pan in Estimating Natura
Problems Posed by the Trans-Alaska Pipeline, W74-04416 7-09 8D	Aquatic Invertebrate Recovery in the Clinch River Following Hazardous Spills and Floods,	Evaporation and Evapotranspiration,
	W74-07841 7-15 5C	W74-13153 7-24 2D
KACHALKIN, V. I. Microbiological Oxidation of Hydrogen Sulfide	KAFFKA, A.	KAKINUMA, T.
in the Repnoe Lake (Slavonic Lakes), (In Rus-	Determination of the Activity of Nitrifying	Observations of the Transformation of Ocean Wave Characteristics Near Coasts by Use o
sian), W74-12168 7-23 5C	Bacteria in Surface Waters by a Modified Bod- Test, (In German),	Anchored Buoys,
	W74-08694 7-16 5B	W74-03676 7-07 8E
KADABA, M. P. Mercury in Human Hair, A Study of the Re-	The Share Taken by Nitrification Processes in	KALABUGIN, L. A.
sidents of Los Alamos, NM, and Pasadena,	the Biochemical Oxygen Demand (BOD) in the Water of the River Elbe, (In German),	Bromine in Groundwater of Uzbekistan (Brom v podzemnykh vodakh Uzbekistana),
Calif., by Cold Vapor Atomic Absorption Specrophotometry,	W74-08695 7-16 5A	W74-07505 7-14 2k
W74-09759 7-18 5A	KAFKAFI, U.	KALAL, L.
KADDAH, M. T.	Rates of Growth and Nutrient Uptake of Ir-	History of Importing Rainbow Trout, Parasal mo gairdnerii (Richardson, 1836) into Bohemiai
The Hydrometer Method for Detailed Particle-	rigated Corn as Affected by N and P Fertiliza- tion,	Countries, (In Czech),
Size Analysis: 1. Graphical Interpretation of Hydrometer Readings and Test of Method,	W74-11263 7-21 3F	W74-01019 7-02 8
W74-12303 7-23 2J	KAGAN, R. L.	KALANTYRENKO, I. I.
Tolerance of Rice (Oryza Sativa L.) to Salt	Automatic Processing of Rainfall Data,	Calculation of the Concentration of the Biomass of Blue-Green Algae During Settling
During Boot, Flowering, and Grain-Filling Stages,	W74-06732 7-13 2B	(In Russian),
W74-08080 7-15 3C	KAGAN, YU. S.	W74-04645 7-09 50
KADIB, A. A.	Certain Problems in the Quantitative Toxicology of Organophosphorus Compounds,	KALASHNIKOV, V. V.
A Function for Sand Movement by Wind,	W74-01795 7-04 5B	The Possibilities of the Identification of Precipitation Zones with Misz (Meteorological
W74-02689 7-06 2J	KAGANSKII, A. S.	Artificial Earth Satellites),
Sand Losses from a Coast by Wind Action,	Some Principles of Objective Control of	W74-09196 7-17 21
W74-04967 7-10 2J	Marine Meteorological Information, W74-06731 7-13 2B	KALBE, L.
KADIB, A-L. A. Mechanism of Sand Movement on Coastal	KAHLE, R. R.	Comparative Productivity Studies of Thre Mecklenburg Lakes (Lake Kummerow, Lak
Dunes,	A Q-Methodological Study of Attitudes Toward	Teterow and Lake Malchin), (In German),
W74-00509 7-01 2J	Water Resources and Implications for Using	W74-02558 7-05 21

KALBE, L.

KALMYKOV, A. G. KAMPWERTH, D. H. Dissolved Oxygen and Primary Production in Verification of Rainfall Estimates: An Analysis Hypertrophic Shallow Lakes in the District of Study of Soil Plasticity over a wide Range of the River Havel, Soil Moisture Contents, of Activation Patterns of Adsid and Acousid W74-11170 W74-01636 7-03 2G Seismic and Acoustic Intrusion Sensors to Determine Rainfall Rates, KALTER, R. J. KALESNIK, S. V. W74-10674 7-20 2B Some Important Problems in Modern Limnolo-Distributional Impacts of Environmental Qualigy (O nekotorykh vazhnykh zadachakh ty Management: The Case of Federal Grants KAMYKOWSKI, D. sovremennogo ozerovedeniya), for Water Pollution Control, Urea and Other Nitrogenous Nutrients in La 7-08 5D W74-00839 7-02 2H W74-03894 Jolla Bay During February, March and April 1970. KAMATA, O. KALFF, J. W74-01993 7-04 5B Efficiency Tests for Microstrainer Waste Treatment, (Maikuro sutorena ni yoru shorisui Bacterial Dynamics in Two High-Arctic Lakes, W74-05458 KANAAN, G. E. kojo shiken). Recreational Demand at Lakes and Reservoirs, 7-21 SD KALINA G. P. W74-10915 W74-03480 7-07 6D Detection and Quantitative Determination of Salmonellae in Surface Waters and in the KAMATH, P. R. KANARDOV, I. P. Recipient Capacity to Limit Discharge of Pollu-Water of a Municipal Water Supply System, (In Basic Directions of Scientific Investigations in tants to Receiving Waters, Russian). the Protection of Surface Waters from Pollu-W74-08351 7-16 5B W74-08693 7-16 5A tion (Okhrana poverkhnostnykh vod ot KAMBHU, K. zagryazneniya (osnovnyye napravleniya KALINA, G. P. AND Thermophilic Aerobic Digestion of Organic nauchnykh issledovaniy)), Salmonella Serotypes in Sewage of Various Solid Wastes, W74-01967 7-04 5B W74-10236 7-19 5D W74-04850 7-09 5B KANASH, E. V. KAMEL, A. M. Effect of Drought on Callose Dynamics in Thermal Stratification in Industrial Canals, Plant Anthers, (In Russian), Epidemiological and Toxicological Aspects of W74-01594 7-03 2E Nitrates and Nitrites in the Environment, W74-12713 W74-01386 KAMEL, A. M. AND KANDLER, J. Tracing Coastal Sediment Movement by Natu-Prospects for the Use and Conservation of The Phosphate Precipitation in Communal rally Radioactive Minerals, Water Resources in the USSR (Perspektivy Waste Waters (Die Phosphat-Faellung in kom-W74-04753 7-09 21 ispol'zovaniya i okhrany vodnykh resursov munalem Abwasser), SSSR) W74-09521 7-18 5D KAMENS, R. W74-01387 7-03 6B Photochemical Reactions in a Dual Outdoor KANE, B. E. Smog Chamber, Water Resources of the Komi Assr and Thermophilic Fungi in a Municipal Waste Com-W74-10996 7-21 5A Prospects of Their Use (Vodnyye resursy Komi post System, ASSR i perspecktivy ikh ispol'zovaniya), KAMERLING, G. E. W74-03875 7-08 5A W74-10230 7-19 4A Evapotranspiration of Water Hyacinth KANE, D. L. (Eichhornia Crassipes), KALININA, L. A. Groundwater Pore Pressures Adjacent to Sub-W74-12998 7-24 2D Content and Distribution of Nitrogen Comarctic Streams. pounds in the Rybinsk Reservoir in Summer KAMI, H. T. W74-04393 7-09 20 and Autumn (Soderzhanive i raspredelenive Algal Succession on Artificial Reefs in a soyedineniy azota v Rybinskom vodok-hranilishche v letne-osenniy period), Hydraulic Influences on Aufeis Growth, Marine Lagoon Environment in Guam, 7-03 5C W74-12095 7-23 2C W74-01429 7-04 5B W74-01726 KANE, D. L. AND KALINSKE, A. A. Application of ERTS Data to the Detection of Hydrology of the Central Arctic River Basins All Costs Must be Counted . . . , Thin Cirrus and Clear Air Turbulence, of Alaska, W74-08211 7-16 5D 7-05 7B W74-02585 W74-04304 KALKO, Z. F. KAMIYAMA, K. Recharge of a Central Alaska Lake by Subper-Some Methodical Observations on the Use of Multi-Stage Flash Distillation Plant, mafrost Groundwater, Antibiotics for Preparing Bacteria-Free Algal W74-09174 7-17 3A W74-04394 7-09 2F Cultures. W74-08724 7-17 5C KAMMERER, J. C. Urban Growth and the Water Regimen. Reservoir Project Reauthorization: Examples KALLOS, G. J. Hydrologic Effects of Urban Growth, of Past Use and Analysis of Application to Kinetic Studies of the Stabilities of Chloromethyl Methyl Ether and BIS 7-04 4C W74-01847 Lake Lanier, W74-13046 7-24 4A (Chloromethyl) Ether in Humid Air, KAMPHUIS, J. W. 7-21 5B Mathematical Simulation of Bottom Sediment W74-10997 KANEMASU, E. T. Motion by Waves, Estimating Transpiration Resistance, KALM. H. W74-03698 7-07 2J W74-10806 7-20 2D A Selective Microscale X-ray Fluorescence Analyzing Method for Determination of Trace A Shear Plate for Use in Oscillatory Flow, Improving Water Management Efficiency 7-05 2E W74-02161 Through use of Bio-Indicators, W74-06135 7-12 5A W74-09804 KAMPRATH, E. J. KALMANSON, G. M. Leaching Losses of Sulfur During Winter Stomatal-Diffusion Resistance and Water Months When Applied as Gypsum, Elemental S Defects in Prodigiosin Formation by L-Forms Potential of Soybean and Sorghum Leaves, of Serratia Marcescens, or Prilled S. W74-06099 W74-01605 7-03 3F 7-12 5A W74-07449 Fatty Acid Composition of L-Forms of Phosphorus Supply Characteristics of Acid Or-Water-Use Efficiency and Its Relation to Crop ganic Soils as Measured by Desorption and Canopy Area, Stomatal Regulation and Root

Mineralization.

W74-07345

Distribution. W74-05621

7-11 3F

7-14 2G

Osmolalities.

W74-00622

Streptococcus Faecalis Cultured at Different

7-02 5A

KANERVA, R. A. An Overview of Maryland's Sed	iment Control	KAO, Y. S. Convective Heat Transfer to	Water Containing	Stomatal Responses to Change at Increasing Water Stress,	es in Temperatur
Program,		Bubbles: Enhancement not De		W74-05366	7-10 2
W74-02852	7-06 5G	mocapillarity, W74-04664	7-09 8B	KAPRAUN, D. F.	
KANG, J. W.		V. DVOV G		Culture Studies of Enterome	
Diseases of the Cultivated Porph		KAPKOVA, A. G. Investigation of River Water	for the Drasance	J.AG. and Ulvaria Oxysperm	
Beds with Special Reference to		of Escherichia coli and Enter		ing (Chlorophyceae, Ulvales America,) From Centra
Fertilizer Plant Effluents (In Kore W74-05618	7-11 5C	sian).	beoccus, (iii Rus-	W74-06749	7-13 5
W 74-03016	7-11 50	W74-08004	7-15 5A		
KANG, S. T.		KAPLAN, I. R.		KARA, O.	
Irrigation in Ancient Mesopotamic		C 18-Isoprenoid Ketone in Re	cent Marine Sedi-	Sprinkler Irrigation and its Grain Growing Farms in South	
W74-05673	7-11 4A	ment.	cent Marine Scar	Finnish).	nern rinianu, (i
KANGAS, J.		W74-01301	7-03 5A	W74-12182	7-23 3
Smelter Gases Yield Mercury,		Colored Commenties De	ath. Dalatina to		
W74-07956	7-15 5D	Carbonate Compensation De Carbonate Solubility in Ocean		KARADI, G. M.	71
BY A BUT A . ST. T.		W74-08582	7-16 2K	Comparison of Dispersion (Fissured Rock,	naracteristics
KANIA, H. J. NTA and Mercury in Arti	ficial Strange		, 10 210	W74-12857	7-24 5
Systems.	iiciai Stream	KAPLAN, M.			
W74-10538	7-20 5B	Selection, Handling, and		Drawdown at Time-Dependen	
		Downhole Materials: A Practic W74-05102	7-10 8G	W74-01155	7-03 2
KANN, E.		W 74-05102	7-10 80	Flow Toward Periodic Title D	rains.
On the Systematics and Ecology		KAPLAN, M. G.		W74-08923	7-17 2
Chamesiphon (Cyanophyceae). 2. Systematik und Okologie		Effects of a Wetting Agent of			
Chamesiphon (Cyanophyceae) 2.		Characteristics of a Ponderosa W74-06456	Pine Soil, 7-12 2G	Unsteady Drawdown at a Pa	
W74-02952	7-06 5C	W /4-06436	7-12 2G	Well in a Transversely Is Aquifer,	otropic Artesia
		KAPLAN, W.		W74-02466	7-05 4
KANNANGARA, D. W. W.		Identification of the Protothe	ca Species by Im-		,
On Some Aspects of the Parasite:	s of Ceylonese	munofluorescence,		KARASEK, F. W.	
Fresh Water Crabs, W74-08002	7-15 21	W74-00659	7-02 5A	Sampling Techniques in Chron	
W/4-00002	7-13 21	KAPLIN, P. A. AND		W74-02372	7-05 7
KANTNER, D. A.		Some Results of Regional (Coastal Investiga-	KARASEV, I. F.	
Mapping of Spoil Banks Using	ERTS-1 Pic-	tions in the USSR,		Accuracy and Rationaliza	ation of Rive
tures,		W74-04426	7-09 2J	Discharge Measurements,	
W74-06695	7-13 5A	KAPLIN, V. M.		W74-11527	7-22 7
KANWAR, J. S.		Vertical Distribution of Tran	sparency in Lake	KARASEVA, A. P.	
Effect of the Quality of Well Wat	ters on Soils in	Baikal and its Relationship	to Biological In-	Distribution of Arsenic in D	eep Groundwate
Gurgaon District,		dices, (In German),		of The Middle Caspian A	rtesian Basin (
W74-01252	7-03 2G	W74-06237	7-12 2H	voprosu o raspredelenii mysh	
KANZAKI, K.		KAPLOVSKY, A. J.		podzemnykh vodakh Srednek	aspiyskogo artez
Respiratory Responses to Hypo	xic Conditions	Rotating Biological Disk Wast		anskogo basseyna), W74-10379	7-20 5
in Crucian Carp Living in Diffe		Process - Pilot Plant Evaluation		114-10377	7-20 3
(In Japanese),		W74-07373	7-14 5D	KARASEVA, L. I.	
W74-13077	7-24 5C	Sludge Characteristics of Mur	nicipal Solids,	Investigation of River Water	
KAO, C. W.		W74-11834	7-22 5D	of Escherichia coli and Enter sian).	ococcus, (in Ru
Distribution and Chemistry of Ph	osphorus in an	V. BOOD I B		W74-08004	7-15 5
Albaqualf Soil After 82 Years		KAPOOR, I. P. Biochemistry of Selective	Toxicity and		7-15
Fertilization,		Biodegradability: Comparativ		KARASIK, V. M.	
W74-07532	7-14 5B	by Aquatic Organisms,	· o Deamy miles	The Influence of Clay Fract	
Losses of Inorganic Nitrogen	From Aquatic	W74-07126	7-14 5C	Parameters of the Hydro-T Free-Flowing Materials,	ransport of Fil
Systems,		Environmental Distribution as	nd Metabolic Fata	W74-06914	7-13 8
W74-07426	7-14 5B	of Key Industrial Pollutants a			
V.O. I. O.		Model Ecosystem,	a contribution in a	KARAUSHEV, A. V.	
KAO, I. C. ATP Pools in Activated Sludge,		W74-01655	7-04 5D	Present Problems in the S	
W74-05914	7-11 5D	KAPOOR, N. N.		Water Quality (Aktual'nyy ledovaniya kachestva poverkl	
	50	A Recording Device for Meas	suring Resniratory	W74-08050	7-15 5
KAO, R. L. C.	0.000	Movements of Aquatic Insect			
Lead and Vitamin Effects on He	me Synthesis,	W74-01996	7-04 21	KARAVAEVA, E. N.	

7-18 5C

7-17 4C

7-17 2J

Effect of Urbanization on Runoff from Small

Laboratory Simulation of Rainfall Erosivity for

KAO, S. E.

Watersheds,

Gully Formation Study,

W74-09245

W74-08937

KAO, T. Y.

KAPPE, D. S.

Areas, W74-09692

W74-06241

KAPPEN, L.

Development of a System and a Method for the

Treatment of Runoff from Cattle Holding

Stomatal Responses to Changes in Humidity in

Plants Growing in the Desert,

W74-01783 KARCHER, R. Effect of Ra

Russian),

7-18 5D

7-12 21

Effect of Rate and Duration of Feeding DDT on the Reproduction of Salmonid Fishes Reared and Held Under Controlled Conditions, W74-11933 7-22 5C

Entry of Chemical Elements-Analogues

(Strontium-90-Calcium and Cesium-137-Potassi-

um) into Plants in Relation to Soil Moisture, (In

7-04 21

KARCZMARCZYK, S.

KARCZMARCZYK, S.	KARPENKO, V. N.	KASAHARA, S.
Heavy Manure Applications: Benefit or Waste, W74-09698 7-18 5D	Amount of Dew in the USSR, According to a Dew Recorder,	An Ecological Study on the So-Called Mogai (Anadara subcrenata (Lischke)) Cultured in the
KARDASH, F. G.	W74-05840 7-11 2B	Kasaoka Bay (In Japanese), W74-02690 7-06 5C
Experience with the Operation of Purification	Climatic Description of Dew in the European	7-00 30
Equipment, (Opyt ekspluatatsii ochistnykl		KASATIYA, S. S.
sooruzhenii), W74-02272 7-05 5E	W74-05839 7-11 2B	A Preliminary Evaluation of a Discrete Sample Analyzer for Chemical Analysis of Water,
W 14-02212 7-03 31	KARPF, J. Z.	W74-10936 7-21 5A
KARDESTUNCER, H.	Fifth Report on Horizontal-Tube Multiple Ef-	
Efficient Pricing for Urban Waste Wate Renovation,	fect (HTME) Process Pilot Plant Test Program, W74-11634 7-22 3A	KASATKINA, S. V. Effect of Strontium-90 + Yttrium-90 on the Development and Functioning of the Hatching
W74-06828 7-13 5I	Fourth Report on Horizontal-Tube Multiple-Ef-	Glands in Atlantic Salmon,
KARDOS, L. T.	fect (HTME) Process Pilot Plant Test Program,	W74-02065 7-04 5C
Effects of Land Disposal of Wastewater of		KASE, H.
Exchangeable Cations and Other Chemical Ele	KARPITSKII, A. M.	Automatic Check and Correction of
ments in the Soil, W74-12881 7-24 5I	The Effect of Different Tillage Methods on the	Meteorological Data in East Germany, W74-06725 7-13 2B
Effects of Land Disposal of Westewaters of	Physical Properties of Soil, (In Russian),	
Effects of Land Disposal of Wastewaters of Soil Phosphorus Relations,		KASHCHENKO, L. A. Radiation Reaction of the Adenohypophysis-
W74-12880 7-24 51	New Simulation Approaches to the Modeling of	Gonads System in Cold-Blooded Animals, W74-04180 7-08 5C
Renovation of Municipal Wastewater Through		
Land Disposal by Spray Irrigation,	W74-02684 7-06 6A	KASHEF, AA. I.
W74-12876 7-24 51	Simulation of the Diffusion of Dissolved Salts	Pollution of Groundwater by Salt Invasion, W74-09594 7-18 5B
Renovation of Secondary Effluent for Reuse a	in Aquifers, W74-12594 7-23 5B	
a Water Resource, W74-10197 7-19 51		KASHINOVA, T. D. Water Balance of Lake Baykal (Vodnyy balans
Soil as a Medium for the Renovation of Aci	KARPOVA, G. YA. Physiological Characteristics of Nepeta trans-	oz. Baykal),
Mine Drainage Water,	caucasica Grossh. Under Irrigated Conditions,	W74-09101 7-17 2H
W74-04981 7-10 51	W74-11649 7-22 2G	KASHIWAMURA, M. Studies on Salt Wedge by Ultrasonic Method,
Using Sewage Effluent and Liquid Digeste	KARPUSHIN, N. M.	W74-03703 7-07 2L
Sludge to Establish Grasses and Legumes o		W 14-03/03 1-01 2L
Bituminous Strip-Mine Spoils,	in the Dneprodzerzhinskoe Reservoir, (In Rus-	KASHIWAZAKO, K.
W74-07612 7-15 5	sian), W74-03949 7-08 5C	Measurement of Environmental Pollution and Its Systemization.
Vegetation Responses to Irrigation wit		W74-10438 7-20 5A
Treated Municipal Wastewater,	KARSAI, H.	
W74-12885 7-24 5	,	KASIMOVA, N. N.
KAREV, K.	System,	Qualitative Features of Humus in Irrigated Chestnut (Greyish-Brown) Soils of the
Water Consumption and Biological Coefficier	W74-11555 7-22 7B	Karabakh Steppe, (In Russian),
of Furrow and Sprinkler Irrigated Cotton, (I		W74-10425 7-20 3F
Bulgarian),	Economic Aspects of Environmental Protec-	720 32
W74-04824 7-09 3		KASPER, J.
	W74-02227 7-05 5G	Production Ability of Legumes, Grasses and
KARHAUSEN, L.		Their Mixtures in Hill-Land Regions,
Iodine Metabolism in Children and Adolescen		W74-04694 7-09 4A
in an Area of the Community,	Ecological Implications of Heavy Metal in Fish	KASPEROVICH, A. N.
W74-09827 7-19 5	arom the octament,	Radiation Oxidation of Water Admixtures in
KARIM, A. M.	W74-11325 7-21 5C	Water-Containing Human Wastes (In Russian),
Studies on Biology of Mastacembelus Pancali	KARWEIK, D.	W74-05252 7-10 5D
(Spiny Eel, Hamilton) in Artificial Ponds:		EAGREDOON D. F.
Natural Habitat, Distribution, Food and Fee		KASPERSON, R. E.
ing Habits, and Economic Importance,	Waste Waters,	Community Adoption of Water Reuse Systems in the United States,
W74-13387 7-24 2	T W74-03900 7-08 5A	W74-10081 7-19 5D
KARLINGER, M. R.	KARWEIT, M.	
Surface Water Network Design by Regression		KASPRZAK, K.
Analysis Simulation,	Bay, Edition 1, 1949 Through 1970,	Oligochaeta in the Interstitial Waters, (in
W74-09912 7-19 2		Polish), W74-11199 7-21 2E
KARLOG, O.	KARYUKHINA, T. A.	KASPRZAK, W.
Toxicity of Polychlorinated Biphenyls (PCB) Goldfish,	A Literature Review on the Biological Purifica- tion Methods of Sewage in Chemical-Phar-	Free-Living Amoebae Isolated from Waters Frequented by People in the Vicinity of Poz-

maceutical Plants, (in Russian),

Effect of X-Irradiation on the Incorporation of

Glycine-C14 in the Tissue of Atlantic Salmon

7-04 5D

7-08 5C

W74-08687

KASSABY, F. Y.

W74-01251

W74-01756

Larvae,

W74-04181

KAS'YANOV, V. L.

nan: Poland: Experimental Studies in Mice on the Pathogenicity of the Isolates,

Die-Back in the Mixed Hardwood Forests of Eastern Victoria: A Preliminary Report,

7-16 5C

7-03 4A

W74-00492

KARNAK, R. E.

W74-12276

(Diptera:Chironimidae),

The Susceptibility of Selected Insecticides and

Acetylcholinesterase Activity in a Laboratory

Colony of Midge Larvae, Chironomus Tentans

7-01 5C

7-23 5C

KASSER, P.	KATZ, E. J.	KAUROV, V. F.
Influence of Changes in the Glacierzed Area on	Initial Wave Scattering by an Inhomogeneous	Present State and Prospects of Use of
Summer Run-Off in the Porte Du Scex	Medium and its Application to Shallow Water	Therapeutic Mineral Waters in the Irkutsk
Drainage Basin of the Rhone,	Waves,	Oblast (Sostoyaniye i perspektivy
W74-09344 7-18 2C	W74-00513 7-01 2L	ispol'zovaniya lechebnykh mineral'nykh vod
VACUINGVU B	KATZ. S.	Irkutskoy oblasti), W74-09644 7-18 2K
KASVINSKY, R. A Chart of New York Water Law,	Measurement of Molecular Organic Contami-	W74-09644 7-18 2K
	nants in Polluted Water by Liquid Chromatog-	KAUSHIK, B. D.
W74-06614 7-13 6E	raphy.	Cyanophage AC-1: A Phage Infecting Unicellu-
KASYMOV, A. G.	W74-12031 7-23 5A	lar and Colonial Blue-Green Algae,
Biology of Arctodiaptomus acutilobatus Sars		W74-01825 7-04 5C
(Copepoda, Crustacea) in the Mingechaur	KATZ, S. A.	C
Water Reservoir, (In Russian),	Chromium Complexes with Proteins and Mu-	KAUSS, P.
W74-08683 7-16 2H	copolysaccharides and Their Relationship to	The Phytotoxicity of Crude Oil Spills in Fresh-
	Chromium Allergy in Sensitized Guinea Pigs,	water, W74-01820 7-04 5C
Experimental Study of the Effect of Oil on	W74-12519 7-23 5C	W 74-01820 7-04 3C
Some Representatives of Benthos in the Caspi-	Solvent Extraction for the Separation of	KAUTZMAN, R. R.
an Sea,	Metals,	Approaches to Stormwater Management,
W74-05440 7-11 5C	W74-11365 7-21 5A	W74-04458 7-09 5A
KATAGIRI, K.	W74-11363 7-21 3A	
Effect of Slotted Linear Casing in Geothermal	KATZER, J. R.	KAVALYAUSKAS, B. M.
Bores,	Catalytic Oxidation of Organics in Wastewater,	The Problem of the Microclimate of the Dry
W74-09033 7-17 8A	W74-02655 7-06 5D	Pine Forest, (In Russian),
W14-03033 7-17 6A		W74-05350 7-10 2I
A Study of the Reservoir at the Matsukawa	Catalytic Oxidation of Phenol in Dilute Con-	KAVLAKOGLU, S.
Geothermal Field,	centration in Air,	Origin of Geothermal Waters or Natural Steam,
W74-09026 7-17 4B	W74-07086 7-14 5D	W74-09002 7-17 2F
	VATZED M P	
KATAGUE, D. B.	KATZER, M. F.	KAWABATA, T.
Characterization and Microdetermination of a	Slurry Pump,	Hydrocarbon Components to Floating Oil Pol-
Water-Soluble Metabolite from Bladex Herbi-	W74-10488 7-20 8C	lutants of Sea Water, (In Japanese),
cide by Conversion to 5,5-Dimethylhydantion,	KATZER, T. L.	W74-13075 7-24 5A
W74-03587 7-07 5A	Water-Resources Appraisal of Fish Lake Val-	KAWAGUCHI, Y.
KATHREN, R. L.	ley, Nevada and California,	Device for Recovering Floating Matter from
	W74-02616 7-05 2A	Water Surface,
Environmental Aspects of the Power Industry, W74-06111 7-12 6G		W74-12432 7-23 5G
W/4-06111 /-12 6G	KAUFMAN, A.	
KATO, T.	Hammat Gader (Israel): Geochemistry of a	KAWAHATA, M.
Electrochemical Treatment of Industrial Waste	Mixed Thermal Spring Complex,	Wastewater Treatment Using Electrolysis with
Water.	W74-10880 7-20 2F	Activated Carbon Cathode,
W74-13303 7-24 5D	The Residence Time of Thorium in Surface Sea	W74-08028 7-15 5D
		Wastewater Treatment Using Electrolysis with
KATONA, M. G. AND	Water and Its Implications Regarding the Rate of Reactive Pollutants,	Activated Carbon Cathode,
Ice EngineeringSummary of Elastic Proper-	W74-05995 7-12 5B	W74-09729 7-18 5D
ties Research and Introduction to Viscoelastic	W 14-03773 1-12 3B	1710725
and Nonlinear Analysis of Saline Ice,	KAUFMAN, M. I.	KAWAKAMI, H.
W74-04793 7-09 2C	Injection of Acidic Industrial Waste inot a	Device for Recovering Floating Matter from
	Saline Carbonate Aquifer: Geochemical	Water Surface,
KATOR, H.	Aspects.	W74-12432 7-23 5G
Utilization of Crude Oil Hydrocarbons by	W74-03243 7-07 5E	KAWAR, N. S.
Mixed Cultures of Marine Bacteria,		Use of Daphnia Magna for the Microbio-Assay
W74-08616 7-16 5B	KAUFMAN, W. J.	of Pesticides. II. Comparison of Microbio-
KATREN, R. L.	Chemical Pollution of Ground Waters,	Assay with Gas Chromatography for Analysis
Nuclear Power and Public Opinion,	W74-06365 7-12 5B	of Pesticide Residues in Plant Extracts,
W74-11656 7-22 5G	KAUL, R. N.	W74-08715 7-17 5A
W/4-11030 /-22 3G		
KATS, N. YA.	Sand Dune Reclamation in Iraq Present Status and Future Prospects,	KAWASAKI, L. Y.
Distribution of Peat Bogs on Earth, Their	W74-07104 7-14 2J	Lead Concentrations in the Wooly Sculpin
Types and Characteristics, (In Russian),	7-14 2	Clinocottus Analis, Collected from Tidepools
W74-00147 7-01 2H	KAUP, E. G.	of California,
	Brackish Water Desalting Testing and Field	W74-12515 7-23 5B
KATZ, A. M.	Evaluation with Reverse Osmosis and Elec-	KAWASE, K. AND
A Preliminary Assessment of The Environmen-	trodialysis Pilot Plants,	Strontium-90 and Cesium-137 Levels in Soils of
tal Vulnerability of Machias Bay, Maine to Oil	W74-08339 7-16 3A	Various Types at Niigata Prefecture, Japan,
Supertankers,	Evaluation of Ion Produces December 1	W74-04453 7-09 5B
W74-10656 7-20 5C	Evaluation of Ion Exchange Processes for	
KATZ, D. L.	Treatment of Mine Drainage Waters, W74-08341 7-16 5D	KAWATSKI, J. A.
	1-16 3D	Acute Toxicities of Antimycin A, Bayer 73,

Effect of Adjacent Expansible Fluids and

Caprock Leakage on Buildup and Drawdown Behavior of Wells in an Aquifer,

Evaluation of Capillary Properties of Caprocks,

W74-04152

W74-12820

KAUPER, E. K.

7-08 4B

7-24 2F

The Effects of Wind and Precipitation on the

Modification of South Beach, Crescent City, California Including an Appendix on the Focusing of Tsunami Energy at Crescent City, W74-04212 7-08 2E 7-12 5C

and TFM to the Ostracod Cypretta Kawatai,

Effect of TFM and Bayer 73 on In Vivo Oxygen Consumption of the Aquatic Midge Chironomus Tentans,

W74-06039

W74-13094

KAWATSU, H.

KAWATSU, H. Studies on the Anemia of Fish: V. Dietary Iron Deficient Anemia in Brook Trout, Salvelinus	KAZAKOV, I. F. Structure and Productivity of the Phytomass of Gigantic Bunch-Forming Grasses in the Amu	KECKES, S. Mercury as a Hydrospheric Pollutant II. Biological Half-Time of Methyl Mercury in
Fontinalis, W74-12736 7-23 5C	Darya Floodplain, (In Russian), W74-04282 7-08 2I	Four Mediterranean Species: A Fish, a Crab, and Two Molluscs,
	KAZARYAN, V. V.	W74-06767 7-13 5C
KAY, B. D. Measurement of the Diffusion Coefficient of Boron in Soil Using a Single Cell Technique, W74-10329 7-19 5B	The Problems of Increased Life-Activity of Hydroponic Plants, (In Russian), W74-08688 7-16 3F	KEDAR, E. Y. ERTS-1 Applied for Structural and Morpholog- ical Investigations Case Studies: (1) Los An-
On the Interaction of Water and Heat Trans-	KAZEMI, H.	geles, California and (2) Coastal Plain, New
port in Frozen and Unfrozen Soils: I. Basic Theory; the Vapor Phase,	The Interpretation of Interference Tests in Naturally Fractured Reservoirs with Uniform	Jersey, W74-06690 7-13 7C
W74-10215 7-19 2C	Fracture Distribution, W74-05086 7-10 8G	KEDDINGTON, M. B. Seasonal Water Potential Patterns in the Moun-
On the Interaction of Water and Heat Trans- port in Frozen and Unfrozen Soils: II. The Liquid Phase,	Mechanism of Flow and Controlled Dissolution of Salt in Solution Mining,	tain Brush Zone, Utah, W74-01588 7-03 2I
W74-10216 7-19 2C	W74-00934 7-02 8B	KEE, C. W.
	KAZMAN, R. G.	Projections of Radioactive Wastes to be
Pressure-Induced Changes in the Thermal and Electrical Properties of Clay-Water Systems, W74-01903 7-04 2G	The Strange World of Miscible Displacement, W74-10664 7-20 5B	Generated by the U.S. Nuclear Power Industry, W74-11962 7-22 5G
KAY, W. C.	KAZMANN, R. G.	KEEFE, C. W.
Extruded Peat Cylinders: Their Physical Characteristics as Affecting Tree Seedling	Mississippi River Water from Texas, W74-11766 7-22 4A	Standing Crop of Salt Marshes Surrounding Chincoteague Bay, Maryland-Virginia,
Growth and Greenhouse Drought Tolerance,	Saline Aquifers-Future Storage Reservoirs for	W74-03304 7-07 2L
W74-07180 7-14 2I KAYAMA, R.	Fresh Water, W74-03224 7-07 5E	KEEFER, L. K. N-Nitrosation by Nitrite Ion in Neutral and
Studies on the Relationship Between	KAZMIERSKI, J. A.	Basic Medium,
Miscanthus Sinensis Community and Soil: IV. Relationship Between Humus and Productivity	The Effect of Photoperiod on Thermal Re- sistance of Speckled Dace,	W74-01328 7-03 5B KEEFER, R. F.
of Miscanthus Sinensis Grassland,	W74-02902 7-06 5C	Response of Corn to Time and Rate of
W74-12737 7-23 2G	KEADY, D. M.	Phosphorus and Zinc Application,
KAYE, J. H.	Acker Lake Landslide, Monroe County, Mis-	W74-10337 7-19 3F
Detection Systems for the Low Level Radiochemical Analysis of Iodine-131, Iodine-	sissippi, W74-04862 7-10 2J	KEEFER, T. N. Desktop Computer Flow Routing,
129 and Natural Iodine in Environmental Sam-	An Evaluation of Subsurface Techniques For	W74-09626 7-18 8B
ples, W74-08885 7-17 5A	Aquifer Prediction in Complex Sedimentary Systems,	Investigation of Diffusion in Open-Channel
KAYE, J. M.	W74-10533 7-20 2F	Flows,
Compositional Sorting of Topographically High Tennessee River Gravels: A Glacial Hypothes-	KEAMMERER, W. R. Vegetation of the Missouri River Floodplain in	W74-11972 7-22 2E Multiple Linearization Flow Routing Model,
is, W74-05718 7-11 2J	North Dakota, W74-02667 7-06 2I	W74-09627 7-18 8B
KAYE, M. Isotopic and Elemental Geochemistry of Black	KEANE, M. E.	Simple Method for Predicting Dispersion in Streams,
Sea Sediments,	Managing at the Local Level,	W74-10676 7-20 5B
W74-12392 7-23 2J	W74-12478 7-23 6B	KEEN, J. W.
KAYE, S. V.	KEARNEY, P. C.	Conceptual Design Study of a 200 Million Gal-
Assessing Potential Radiological Impacts to Aquatic Biota in Response to the National En-	Distribution of Alkyl Arsenicals in Model Ecosystem, W74-01409 7-03 5C	lon Per Day VTE/MSF Desalination Plant and Prototype Module,
vironmental Policy Act (NEPA) of 1969,		W74-12207 7-23 3A
W74-11957 7-22 5C	KEARNS, D. K.	KEEN, S. R.
The EXREM III Computer Code for Estimating External Radiation Doses to Populations	Phytoplankton Population Changes and Nutrient Fluctuations in a Simple Aquatic Ecosystem Model,	Sediment Coliform Populations and Post Chlorination Behavior of Wastewater Bacteria, W74-03295 7-07 5A
from Environmental Releases, W74-06818 7-13 5B	W74-06571 7-13 5C	
Significance of Ecological Analyses in the In- terpretation of Environmental Releases of	KEARNY, C. H. Trans-Pacific Fallout and Protective Counter-	KEENAN, J. D. Effects of Equalizing Wastewater Flows, W74-10467 7-20 5D
Radionuclides,	measures, W74-04454 7-09 5B	Response of Anabaena to pH, Carbon, and
W74-08878 7-17 5C	KEARTON, W.	Phosphorus,
A Systems analysis Methodology for Predicting	Applications of Waste Processing Systems for	W74-06165 7-12 5C
Dose to Man From a Radioactively Contaminated Terrestrial Environment,	Pressurized Water Reactors, W74-08349 7-16 5D	KEENER, R. B. Environmental Status of the Lake Michigan
W74-07809 7-15 5C	KECK, R.	Region: Volume 7. Earthquake History and
KAYSER, W. V. Surface Properties of Water,	Tidal Stream Development and Its Effect on the Distribution of the American Oyster,	Measurement with Application to the Lake Michigan Drainage Basin,
W74-11640 7-22 2K	W74-04878 7-10 5C	W74-09407 7-18 2H

KEENEY, D. R. Acetylene-Reduction Assay of Anaerobic	KEHOE, R. A. Standards for the Prevention of Occupational	KELLER, E. A. Form and Fluvial Processes in Alluvial Stream
Nitrogen Fixation by Sediments of Selected Wisconsin Lakes,	Lead Poisoning, W74-11714 7-22 5C	Channels, W74-05819 7-11 2E
W74-05400 7-10 5B	KEIFER, C. J.	KELLED E C III
Aqua Regia for Quantitative Recovery of Mer-	Engineering Work Leading to a Rock Tunnel	KELLER, E. C. III The Effects of Acid Mine Water on Growth
curic Sulfide from Sediments,	Plan,	(Number and Size) of Chlorelia vulgaris,
W74-09763 7-18 5A	W74-02853 7-06 8A	W74-02168 7-05 5C
Concentration of Heavy Metals in Sediment Cores from Selected Wisconsin Lakes, W74-11915 7-22 5B	KEITH, J. Social, Economic, Environmental, and Techni- cal Factors Influencing Water Reuse,	KELLER, E. C. JR. A Diversity Indices Computer Program for Use in Aquatic Systems Evaluation,
Contribution of Developed and Natural	W74-04317 7-09 5D	W74-11463 7-22 7C
Marshland Soils to Surface and Subsurface	KEITH, J. E.	m . m
Water Quality,	The Economic Efficiency of Inter-Basin	The Effects of Acid Mine Water on Growth (Number and Size) of Chlorelia vulgaris.
W74-02327 7-05 5B	Agricultural Water Transfers in Utah: A Mathematical Programming Approach,	W74-02168 7-05 5C
The Mathematical Modeling of Soil-Water- Nitrogen Phenomena,	W74-05385 7-10 4A	The Growth of Chlorella vulgaris in Sewage
W74-13138 7-24 5B	Interregional Planning of Water Resources Al-	and Acid Mine Water,
	locations by Systems Analysis Approach,	W74-02169 7-05 5C
Methane Formation by Lake Sediments During	W74-05932 7-11 4A	KELLER, EDWARD C. JR.
in Vitro Incubation, W74-05487 7-11 5B	KEITH, L.	Micro-Ecosystems Simulation of Primary
	Carcinogenic Sources in Fish Tumors Found in	Production in Thermal and Acid Mine Water
Methylmercury Formation in Mercury-Treated	the Fox Valley Water Shed,	Loadings Related to Water Use of the Monon-
River Sediments During in Situ Equilibration, W74-07425 7-14 5B	W74-11006 7-21 5C	gahela River, W74-06507 7-13 5C
	Frequency of Fish Tumors Found in a Polluted	7-13 30
Nitrogen and Phosphorus Release from Decay-	Watershed as Compared to Nonpolluted	KELLER, F. R.
ing Water Milfoil, W74-06018 7-12 5C	Canadian Waters, W74-02401 7-05 5C	Method for Drying Sludge and Incinerating
		Odor Bodies, W74-08915 7-17 5D
Nitrogen Fixation in Lake Sediments: A Con-	KEITH, L. H.	717 32
tribution to Nitrogen Budget of Lake Mendota, W74-02924 7-06 5C	Chemical Profiles of Kraft Paper Mill Treated Wastewaters.	KELLER, G. H.
	W74-10992 7-21 5D	Mass Physical Properties of Some Western
Nitrogen Transformations and Availability of	0 . n .: : 00 M0 . 1 .: 10	Black Sea Sediments, W74-12385 7-23 2J
an Anaerobically Digested Sewage Sludge in Soil,	Current Practice in GC-MS Analysis of Or- ganics in Water,	
W74-13163 7-24 5B	W74-00834 7-02 5A	KELLER, H. B.
Nitrana Tamafamatian During Subaurfam	VOIDE IN T	Water Wave Run-Up on a Beach, W74-02698 7-06 2E
Nitrogen Transformations During Subsurface Disposal of Septic Tank Effluent in Sands: II.	KEITH, W. J. Survey of the South Carolina Oyster Fishery,	7-00 21
Ground Water Quality,	W74-01830 7-04 6C	KELLER, H. M.
W74-02148 7-04 5B	VEIZER R. R.	Measurement and Significance of Electrical Conductivity in Small Mountain Streams,
Nitrogen Transformations During Subsurface	KEIZER, P. D. Detection of Trace Amounts of Oil in Sea	W74-11547 7-22 7B
Disposal of Septic Tank Effluents in Sands: 1.	Water by Fluorescence Spectroscopy,	
Soil Transformations,	W74-00059 7-01 5A	KELLER, J.
W74-02147 7-04 5B	KEIZER, P. D. AND	Effect of Irrigation Frequency on the Average Evapotranspiration for Various Crop-Climate-
Nitrogen Transformations in Sediments as Af-	Laboratory Studies of the Accommodation of	Soil Systems,
fected by Chemical Amendments,	Some Crude and Residual Fuel Oils in Sea	W74-04140 7-08 3F
W74-05485 7-11 5B	Water, W74-04775 7-09 5B	Trickle Irrigation Soil Water Potential as In-
Paper Mill Sludge Disposal on Soils: Effects on		fluenced by Management of Highly Saline
the Yield and Mineral Nutrition of Oats (Avena	KELIHER, P. N. New Ultraviolet Ratio Spectrophotometric	Water,
satival.), W74-04519 7-09 5E	System for the Determination of Trace	W74-10292 7-19 3C
	Amounts of Phenolic Compounds,	KELLER, J. B.
Protocol for Evaluating the Nitrogen Status of	W74-05244 7-10 5A	Water Wave Run-Up on a Beach,
Lake Sediments, W74-09065 7-17 5C	KELLBERG, J. M.	W74-02698 7-06 2E
	Engineering Characteristics of Overburden in	KELLER, M.
KEENEY, M. Biochemistry of Estuarine Ecosystem with	Knox County, Tennessee,	Tidal Current Surveys by Photogrammetric
Emphasis on Heavy Metals and Shellfish,	W74-01143 7-03 7C	Methods,
W74-01108 7-03 5C	Overburden Related to Type of Bedrock and	W74-02707 7-06 2L
KEETCH, C. W.	Engineering Characteristics of the Bedrock,	KELLER, R. J.
Soil Associations and Land Classification for	Knox County, Tennessee, W74-01144 7-03 7C	Instrumentation in Full Scale Self-Aerated
Irrigation, Valencia County,		Flows (Appareils de Mesure Des Concentra-
W74-09057 7-17 3F	KELLER, B. L.	tions et Des Vitesses Dans un Courant Mixte d'air Et D'Eau en Grandeur Nature),
KEGEL, J.	Environmental Survey of the Teton River and Henry's Fork of the Snake River,	W74-08196 7-16 8B
On the Quantitative Determination of Free Car-	W74-01839 7-04 4A	
bon Dioxide in Natural Waters, (Zur quantita-	KELLER, D. F.	KELLER, W. Differential Tolerance of Some Arid-Range
tiven Bestimmung der freien Kohlensaure in naturlichen Wassern),	Wave Deflecting Device for a Sea Wall,	Wheatgrasses to Snow Mold,
W74-00263 7-01 2K	W74-02035 7-04 8B	W74-05927 7-11 2I

KELLERHALS, R.

KELLERHALS, R. Stream Gauging with Portable Equipment,	KELUS, J. Determination of Furfural in Water and	Renal Tubular Morphology in the Channel Cat- fish (Ictalurus punctatus) Kidney,
W74-11516 7-22 7B	Asphalt (In Polish), W74-02798 7-06 5A	W74-10318 7-19 5C Use of Histologic and Histochemical Assess-
Transverse Mixing in an Ice-Covered River, W74-12293 7-23 2E	KELWAY, P. S. A Scheme for Assessing the Reliability of In-	ments in the Prognosis of the Effects of Aquatic Pollutants,
KELLEY, G. E.	terpolated Rainfall Estimates,	W74-12187 7-23 5A
Effect of Long-Term Management on Physical and Chemical Properties of the Coshocton	W74-10941 7-21 2B	KENDRICK, B.
Watershed Soils,	KEMMERER, A. J.	Fungi in the Diet of Gammarus Pseudolimnaeus (Amphipoda),
W74-08813 7-17 4D	Relationships Between Remotely Sensed Fishe- ries Distribution Information and Selected	W74-13484 7-24 21
KELLEY, H. A. A Radioactive Isotopic Characterization of the	Oceanographic Parameters in the Mississippi Sound.	KENDRICK, J. H.
Environment Near Wiscasset, Maine: A	W74-06708 7-13 7B	Heat Transfer Models for a Subsurface, Water Pipe, Soil-Warming System,
Preoperational Survey in the Vicinity of the Maine Yankee Atomic Power Plant,	KEMMERIKH, A. O.	W74-09921 7-19 5B
W74-06855 7-13 5A	A Map of Annual River Runoff in the Pamirs and Pamir-Alay Mountains (Karta godovogo	KENG, E. Y. H.
KELLEY, J. W.	stoka rek Pamira i Pamiro-Alaya),	The Electrical Process in the Breaking of Dilute Oil-In-Water Emulsions,
Application of the LUNR Inventory System for Water Resources Planning and Management in	W74-03836 7-08 2E	W74-12343 7-23 5D
the Susquehanna River Basin, W74-09807 7-19 6B	KEMP, A. L. W. Changes in C, N, P, and S in the Last 140	KENNARD, W. C.
	Years in Three Cores from Lakes Ontario,	Proceedings: First Wetlands Conference, June 20, 1973,
KELLEY, M. T. Environmental Applications of Centrifugal	Erie, and Huron, W74-01805 7-04 5C	W74-08157 7-16 2L
Photometric Analysis, W74-12913 7-24 5A	Sedimentation Rates and Recent Sediment His-	KENNEDY, C.
	tory of Lakes Ontario, Erie and Huron,	Cleaning up a River, W74-03968 7-08 5G
KELLEY, O. J. Improving Farm Production in Regions of	W74-06282 7-12 2J	KENNEDY, D. C.
Limited Rainfall,	KEMP, G. D. Electrolytic Flotation Apparatus,	Decolorization of Kraft Mill Effluent,
W74-05224 7-10 3F	W74-08030 7-15 5D	W74-12945 7-24 5D
Methods of Transfer of Water Resources Knowledge from Developed to Developing Re-	KEMP, H. T.	KENNEDY, J. B. Highways and Environment,
gions with Special Emphasis to On-Farm Water	Water Quality Criteria Data Book - Vol. 5 - Effects of Chemicals on Aquatic Life.	W74-06114 7-12 6G
Management, W74-00219 7-01 10A	W74-10541 7-20 5C	KENNEDY, J. F.
KELLOCK, R. W.	KEMP, P. H.	Depositional Behavior of Fine Sediment in a Turbulent Fluid Motion,
The Snodland-Ightham Regional Drainage Scheme: Design and Operation,	The Relationship Between Wave Action and Beach Profile Characteristics,	W74-03697 7-07 2J
W74-07752 7-15 5D	W74-04331 7-09 2J	Hydrologic Response of Ice-Covered Streams, W74-07832 7-15 2E
KELLOGG, R. L.	KEMPER, R. S.	
Contamination of Channel Catfish with Diel- drin from Agricultural Runoff,	Decontamination and Densification of Chop- Leach Cladding Residues,	A Laboratory Investigation of Free Surface Flows Over Wavy Beds,
W74-13050 7-24 5C	W74-13107 7-24 5D	W74-04477 7-09 8B
KELLY, G.	KEMPFERT, K. D.	Winter-Regime Thermal Response of Heated
Implementing the Chicago Prairie Plan, W74-12892 7-24 5D	Captain Toxicity to Fathead Minnows (Pimephales Promelas), Bluegills (Lepomis	Streams, W74-07511 7-14 5B
	Macrochirus), and Brook Trout (Salvelinus	KENNEDY, J. O.
KELLY, J. A. Sources, Sinks, and Methods of Analysis of	Fontinalis), W74-06085 7-12 5C	Biomagnification of p,p'-DDT and Methox-
Organic Nitrogen Compounds in Fresh Water Systems,	KENARD, R. P.	ychlor by Bacteria, W74-00615 7-02 5B
W74-08008 7-15 5C	Rapid Determination of the Presence of Enteric	The Influences of an Urban Area and a Reser-
KELLY, M.	Bacteria in Water, W74-10449 7-20 5A	voir on Benthic Macroinvertebrate Production in the Des Moines River, Iowa,
Effectiveness of Sequential Photography for	KENDALL, D. A.	W74-03209 7-07 5C
Coastal Oceanography, W74-05711 7-11 2L	Chemical Analysis of the Smoky-Burnt Odor	KENNEDY, J. R.
KELLY, M. J.	Complex in Diesel Exhaust, W74-11005 7-21 5A	Helicopter Tow Tests of the U.S. Coast Guard's Air Delivery Container for Oil Spill
Experimental Results from Processing Gasbug- gy Gas in a Natural Gas Processing Plant,	KENDALL, H. W.	Containment Barrier,
W74-02021 7-04 5B	Catastrophic Nuclear Accidents,	W74-09374 7-18 5G
KELLY, T. E.	W74-08950 7-17 5C	KENNEDY, R. S. Microbes and Petroleum: Perspectives and Im-
Zinc/Phosphate Combinations Control Corro- sion in Potable Water Distribution Systems,	The Nuclear Fuel Cycle A Survey of the Public Health, Environmental and National	plications,
W74-07894 7-15 8G	Security Effects of Nuclear Power,	W74-08621 7-16 5B
KELSO, J. R. M.	W74-08947 7-17 5C	KENNEDY, S. R. Method of Purifying Water,
Organochlorine Residues, Mercury, Copper and Cadmium in Yellow Perch, White Bass and	KENDALL, M. W. Enzyme and Tissue Alterations in Fishes: A	W74-09186 7-17 5
Smallmouth Bass, Long Point Bay, Lake Erie,	Measure of Water Quality,	Sewage Treatment Apparatus,
W74-13093 7-24 5C	W74-05540 7-11 5C	W74-11053 7-21 5D

KENNEDY, V. C.	KERIMKHANOV, S. U.	KERZUM, P. A.
Comparison of Observed and Calculated Con-	Surface Runoff and Soil Erosion in Foothills of	The Possibility of Soda Formation in Soil by
centrations of Dissolved Al and Fe in Stream Water.	Dagestan (O poverkhnostnom stoke i smyve pochv v predgor'yakh Dagestana),	Biochemical Means, (In Russian), W74-05271 7-10 2G
W74-11422 7-21 5A	W74-11450 7-21 2J	
		KESEL, R. H.
Filter Pore-Size Effects on the Analysis of Al, Fe. Mn. and Ti in Water.	KERIN, Z.	Slope Development on a Mississippi River Bluff in Historic Time,
W74-11421 7-21 5A	Lead in New-Fallen Snow Near a Lead Smelter.	W74-04585 7-09 2
W/-11-121	W74-11722 7-22 5B	
KENNEDY, V. S.		KESHAVAN, K. Simulation of Dissolved Oxygen Profile,
Effects of Temperature on Activity and Mor-	KERL, J. F.	W74-08823 7-17 5E
tality of the Scyphozoan Medusa, Chrysaora quinquecirrha,	The ABC Way to Better Wastewater Treat-	
W74-07561 7-14 5C	ment, W74-00776 7-02 5D	KESNER, W. D.
	7-02 35	Ecological and Physiological Implications of Greenbelt Irrigation with Reclaimed Water,
KENNEY, K. B.	KERMODE, R. I.	W74-12895 7-24 5I
Public Policy Alternatives Affecting Water and Sewer Service in Urban Growth Areas.,	Process Control of Activated Sludge Treat-	
W74-02835 7-06 3D	ment, W74-03764 7-08 5D	KESSEL, M. Electron Microscope and Physical Chemica
	W 14-03/04 7-08 3D	Characterization of C-Phycocyanin from Fresh
KENNEY, P. S.	KERN, P. C. E.	Extracts of Two Blue-Green Algae,
An Investigation of Secondary Flow Effects in Curved Channels of Square Cross Section,	Water Recycling of Sewage Effluent by Irriga-	W74-00652 7-02 5A
W74-09193 7-17 8B	tion: A Field Study on Oahu,	KESSLER, E.
	W74-02631 7-05 2B	Effect of Nitrite and Nitrate on Chlorophy
KENNING, D. B. R. AND	KERNODLE, D. R.	Fluorescence in Green Algae,
Convective Heat Transfer to Water Containing	Aquatic Organisms from Selected Sites Along	W74-02928 7-06 50
Bubbles: Enhancement not Dependent on Ther- mocapillarity,	the Proposed Trans-Alaska Pipeline Corridor,	KESTEMONT, P.
W74-04664 7-09 8B	September 1970 to September 1972,	Biomass, Productivity and Phytogeochemistry
	W74-08369 7-16 2I	of the Vegetation of the Banks of an Ardenne
KENSLER, C. J.	Field Water-Quality Information Along the	Stream (Gembes Brook, at Daverdisse
Current Status of the Environmental and	Proposed Trans-Alaska Pipeline Corridor, Sep-	Ardenne, Luxembourg): III. Survey on the
Human Safety Aspects of Nitrilotriacetic Acid (NTA).	tember 1970 Through September 1972,	Biomass and Productivity of the Wood Stratum of an Island of the Mache Valley),
W74-02394 7-05 5B	W74-04054 7-08 5A	W74-12617 7-23 2
	KERR, F. F.	
KENT, D. C.	Cost of Rural Community Water and Sewer	KESTNER, F. J. T.
Sensitivity of Groundwater flow Models to Vertical Variability of Aquifer Constants,	Systems Compared to Private Systems,	The Effects of Water Conservation Works of the Regime of Morecambe Bay,
W74-01151 7-03 4B	W74-10098 7-19 6C	W74-03483 7-07 4
	How Wells Affect Shallow Glacial Ground-	
KENT, R. D.	Water Supplies in South Dakota,	The Old Coastline of the Wash,
Inert Gas Stripping of Contaminated Water, W74-00969 7-02 5D	W74-10873 7-20 4B	W74-03435 7-07 2
W/4-00909 7-02 3D	Court Date to Constant to Constant to Charles	KETCHEN, E. E.
KENT, R. E.	South Dakota Standards for Construction of Ir- rigation Wells in Shallow Unconsolidated Gla-	A Preliminary Investigation of Radiation
A Test of Mixing Length Theories in a Coastal	cial Sediments,	Enhanced Oxidation of Pulp Mill Effluents for Color Reduction.
Plain Estuary, W74-00528 7-01 2L	W74-07896 7-15 8A	W74-09464 7-18 51
W/4-00328 /-01 2L		
KENYON, R. M. B.	KERR, P. C. The Carbon Cycle in Aquatic Ecosystems,	KETCHESON, J. W.
Computer Based Management SystemsOppor-	W74-01801 7-04 5C	Effect of Corn Stover on Phosphorus in Run Off from Nontilled Soil,
tunities in the New Organization,	7-04 30	W74-12722 7-23 3
W74-12110 7-23 6A	KERR, S. R.	
KEPCZYNSKI, K. AND	Variation of Organochlorine Residue Levels	KETCHUM, B. H.
Observations on the Vegetation of the	with Age in Gulf of St. Lawrence Harp Seals (Pagophilus Groenlandicus),	Population, Resources, and Pollution, an Their Impact on the Hudson Estuary,
Koronowo Reservoir,	W74-01300 7-03 5A	W74-11870 7-22 5
W74-04654 7-09 2I		
KERBABAEV, B. B.	KERRIGAN, J. E.	KETCHUM, L. H. JR. Activated Silica in Wastewater Coagulation,
Desert Plants as Indicators of Land Fitness for	The Water Resources Information Program at	W74-07738 7-15 5
Agricultural Reclamation, (In Russian),	the University of Wisconsin, W74-00204 7-01 10A	
W74-13261 7-24 3F	7-01 10A	Coagulation of Stormwaters and Low Alkalin
KERBER, J. D.	KERSCH, K. M.	ty Wastewaters, W74-09738 7-18 5
Detection of Trace Metals in Water,	Wellbore Effects in Injection Well Testing,	
W74-09581 7-18 5A	W74-10091 7-19 8G	KETCHUM, P. A.
KERFOOT, W. B.	KERST, A. F.	In Vitro Formation of Nitrate Reductase Usin
Adsorptive Extraction for Analysis of Copper	Controlling Algae with 5-(5 Barbiturilidene)-	Extracts of the Nitrate Reductase Mutant of Neurospora crassa, Nit-1, and Rhodospirillum
in Seawater,	Rhodanine,	rubrum,
W74-00827 7-02 2K	W74-03665 7-07 4A	W74-07577 7-14 5

KERUT, E. G.

The Arctic Data Buoy, A System for Environ-mental Monitoring in the Arctic, W74-01158 7-03 7B

KERHIN, R. T.

Recognition of Beach and Nearshore Depositional Features of Chesapeake Bay,
W74-06665 7-13 2L

7-14 5B

KETTANEH, M. S.
Role of Class a Pan in Estimating Natural
Evaporation and Evapotranspiration,
W74-13153 7-24 2D

KEULEGAN, G. H.

KEULEGAN, G. H. Model Laws for Coastal and Estuarine Models,	KHAN, F. Quantitative Separation of Magnesium and Pal-	KHARANYAN, N. N. Effect of Retardant Chlor
W74-04957 7-10 2L	ladium from Numerous Metal Ions on Titanium Tungstate Papers by Electrochromatography,	Content of Protein Co Leaves During Drought (In
KEVERN, N. R. An Ecological Evaluation of Stream Eutrophi-	W74-09782 7-18 5A	W74-00996
cation,	KHAN, M. Y.	Water Regimen and Nitro
W74-02201 7-05 5C	Ground Water Seepage Patterns to Wells for	Metabolism in Plan
KEWALRAMANI, H. G. Observations on Comparative Propensities for	Unconfined FlowPhase II, W74-02206 7-05 2F	Chlorocholinechloride (CC W74-10604
Carp Fry Destruction by Adults and Last Instar	KHAN, R. A.	KHARCHENKO, P. D.
Preimaginal Stages of Predatory Aquatic In-	Geochemical Hydrology of the Baton Rouge	Dynamics of Changes in
sects, W74-07044 7-13 2I	Aquifers, W74-03335 7-07 4B	Albino Rats with Chroni (In Ukrainian).
		W74-00997
KEYES, C. G. JR. Transmitting Water Resources Information By	Water Requirements of Wheat and Cotton on a High Water Table Soil Under Arid Conditions,	KHARITONOV, G. A.
a Time-Share System,	W74-01595 7-03 3F	The Hydrometeorological
W74-00194 7-01 10A	VHANDEVAD A V	fect of Forests in the Eas
KEYS, J. W. III	KHANDEKAR, A. K. Uptake of Flouride by Water Hyacinth,	tral Urals (In Russian), W74-05353
Clarks Fork Yellowstone River Remote	Eichhornia crissipes,	
Sensing Study, W74-08386 7-16 2J	W74-02970 7-06 5C	KHASHES, TS. M. Some Causes of Failure
	KHANDEKAR, M. L.	Correlative Connection B
KEYS, W. S. Borehole Geophysics as Applied to Ground-	Application of the Concept of Bifurcated	Transpiration and Meteor
water,	Plume to Some Oil Pollution Problems in the Strait of Georgia,	Russian), W74-04283
W74-05118 7-10 4B	W74-12100 7-23 5B	W /4-04263
Location and Characteristics of the Interface	Application of the Concept of Rectilinear Vor-	KHAZAK, V. M.
Between Brine and Fresh Water from	tices to the Movement of Oil Slicks,	Aeration of Effluents (Aeratsiya stochnykh v
Geophysical Logs of Boreholes in the Upper	W74-04490 7-09 5B	vytesnitelyakh),
Brazos River Basin, Texas, W74-07859 7-15 8B	KHANEVSKAYA, I. V.	W74-08413
	Automatic Monitoring of Processing of Daily	KHERADNAM, M.
Role of Borehole Geophysics in Underground Waste Storage and Artificial Recharge,	Radiosonde Data on Temperature and	Effect of Soil Water Pot
W74-03229 7-07 5E	Geopotential, W74-06729 7-13 2B	Yield of Sunflower (Helia W74-12705
KHABARIN, L. V.		
Helium Isotopes in Ocean Sediments (Izotopy	KHANJI, D. Effects of Air Pressure During Water Flow in	KHESIN, A. YA., Breakdown of Benzo(A)
geliya v osadkakh okeanov),	an Unsaturated, Stratified Vertical Column of	ganisms in Waste Waters,
W74-06307 7-12 2J	Soil,	W74-05943
KHACHATRYAN, N. A.	W74-12833 7-24 2G	KHILIK, L. A.
Effect of Light Intensity on the Quality and Feeding Effectiveness of Green Fodder, (In	KHANNA, P.	Physiological Characteris
Russian),	Equivalent Pipe Methods for Optimizing Water	caucasica Grossh. Under
W74-04821 7-09 3F	NetworksFacts and Fallacies, W74-05383 7-10 8A	W74-11649
KHALIFA, H.	PRINCIPLE BY	KHIYAMA, H. M.
Applications, Involving the Iodide Ion. VIII.	KHANNA, P. K. Desorption and Dissolution of Salts from Soils	Sand Beach Bacteria: Characterization.
Direct and Indirect Determination of Mercu- ry(I) and Analysis of Mixtures. Analysis of	as a Function of Soil Water Ratio,	W74-01444
Chromium(VI)-Chromium(III) Mixtures. Deter-	W74-01604 7-03 2G	KHODAKOV, V. G.
mination of Hypochlorite,	KHANNA, S. D.	Problems in Hydrolog
W74-02395 7-05 5A	Effects of Highways on Surface and Subsur-	Glacierized Areas (Prot
On the Reaction Between Iodide and Mercu-	face Waters, W74-03607 7-07 4C	nikov i lednikovykh rayor W74-01132
ry(II), W74-06870 7-13 5A	W14-03001 7-01 4C	W 74-01132
	KHANTULEV, A. A.	KHODZHAKULIEV, S.
KHALILOV, A. R. Contribution to the Study of Zooplankton and	Gray Forest Soils in the Spruce-Fir Forests in the Sub-Ural Region (Vyatka-Kama Province),	Sewage Water Irrigation Growth and Development
Zoobenthos in the Mingechaur Reservoir, (In	(In Russian),	W74-08729
Russian),	W74-07004 7-13 2G	KHODZHAMURADOV, T.
W74-02341 7-05 2H	KHARAKA, Y. K.	Study of Condensed W
Hydrological Investigation of Some Oxbow	The Influence of Geological Membranes on the Geochemistry of Subsurface Waters from	Sandy Desert, (In Russian W74-05115
Lakes of the Lower Kury, (in Russian),	describinistry of Substitute waters from	W 14-03113

W74-03961

W74-11197

KHALMATOV, N. M.

Lakes System, (In Russian),

KHAN. A. A. Radioactivity Measurements at Tarapur Nuclear Power Station Environment, 7-04 5B W74-02056

The Biology of Pike Perch in the Arnasaya

7-08 2H

Geochemistry of Subsurface Waters from Miocene Sediments at Kettleman North Dome in California, 7-14 2K W74-07513

by Geologic Membranes, W74-03238 7-07 5B SOLMNEQ: Solution-Mineral Equlibrium Computations, W74-12086 7-23 2K

Retention of Dissolved Constituents of Waste

ocholine Chloride on omponents in Plant

Russian), 7-02 3F

gen and Phosphorus its Affected by CC), (in Russian),
7-20 3F

Cortical Activity in ic Silver Intoxication 7-02 5C

and Antierosion Efstern Part of the Cen-7-10 4D

in the Closeness of letween Tree Species rological Factors, (In 7-08 2D

in Aeration Tanks od v aerotenkakh-7-16 5D

ential on Growth and nthus Annuus), 7-23 3F

Pyrene by Microor-(In Russian), 7-11 5B

tics of Nepeta trans-Irrigated Conditions, 7-22 2G

Enumeration and 7-03 5A

y of Glaciers and olemy gidrologii lednov), 7-03 2C

n Effect on Cotton , (In Russian), 7-17 5D

ater Accumulation in W74-05115 7-10 2G

KHOMITSKIY, V. V. Variations in the Height of Wave Run-Up on a Sandy Beach, W74-05025 7-10 2L

KHONIN, B. M. Hygienic Evaluation of Polymers Used in the Membrane Methods of Water Desalination (In Russian), W74-13159 7-24 5D

KHOPKAR, S. M. Mesityl Oxide as an Extracting Agency for Beryllium,	KIDD, C. H. Groundwater in Papua New Guinea, W74-05084 7-10 4B	KILGORE, W. W. Thermal and Base-Catalyzed Hydrolysis Products of the Systemic Fungicide, Benomyl,
W74-00280 7-01 2K	KIDD, D. E.	W74-01504 7-03 5B
Solvent Extraction of Selenium (IV) with 2-	An Analysis of Mercurials in the Elephant	KILHAM, P. The Amino Acid and Sugar Composition of
Thenoyltri-Fluoroacetone, W74-07692 7-15 5A	Butte Ecosystem, W74-04859 7-10 5B	Diatom Cell-Walls, W74-00240 7-01 5C
KHORDIKAYNEN, M. A.	Analysis of Nutrient Supplies for Algae in	W 14-00240 1-01 3C
Artificial Replenishment of Groundwater Storage (Obiskusstvennom vospolnenii zapasov podzemnykh vod),	Elephant Butte Reservoir, W74-12861 7-24 5C	Kinetics of Silicon-Limited Growth in the Marine Diatom Thalassiosira pseudonana Hasle and Heimdal (Equals Cyclotella Nana Hustedt),
W74-10223 7-19 4B	KIDD, R. E.	W74-01431 7-03 5C
KHOROSKHO, P. N.	Subsurface Disposal of Liquid Industrial	KILIYANCHUK, V. I.
Water Supply in the Volga Basin and its Effect	Wastes in AlabamaA Current Status Report,	Water Metabolism and Dynamics of Labeled
on Strugeon Reproduction, Family Acipen-	W74-03227 7-07 5E	Phosphorus in Apple Leaves, (In Russian),
seridae Under Conditions of Natural and Regu-	KIDSON, C.	W74-06245 7-12 3F
lated Flow, (In Russian), W74-04279 7-08 8I	Assessment of Coastal Changes with the Aid of	KILL, D.
W 14-04217 1-08 61	Photogrammetric and Computer-Aided Techniques,	Pumping Water by the Air-Lift Method has
KHUDAIYAROV, M.	W74-04271 7-08 7B	Practical Applications,
Classification of Sands in the Tedzhen Delta,		W74-10097 7-19 8C
(In Russian), W74-11376 7-21 2G	KIEFER, R. W.	KILLIAN, E. W.
W/4-113/6 /-21 2G	The Use of ERTS-1 Data for the Inventory of Critical Land Resources for Regional Land Use	Telemetered Profiling Isotopic Snow Gauge:
KHUDOLEI, V. V.	Planning,	Final Report and Specifications,
Morphological Changes in the Liver of Fish	W74-06634 7-13 4A	W74-09757 7-18 2C
(Lebistes reticulatus) During Administration of Diethyl and Dimethylnitrosamines (In Russian),		KILMER, R. E.
W74-05940 7-11 5C	KIEL, W. H. JR. Waterfowl Habitat Trends in the Aspen Par-	Feasibility Study for a Surge-Action Model of
	kland of Manitoba.	Monterey Harbor, California,
KHUNDZHUA, G. G.	W74-03517 7-07 4C	W74-04721 7-09 2L
Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on		KILMER, V. J.
Data of Observations of Temperature Profiles	KIENITZ, G. The Balance of Surface Water Resources in the	Monitoring Nutrient Losses from Small
in a Thin Surface Layer of the Sea (K voprosu	Lower Mesopotamian Valley,	Watersheds, W74-03219 7-07 5B
opredeleniya potokov tepla i vodyanogo para v	W74-02350 7-05 6B	W74-03219 7-07 5B
sisteme okean-atmosfera po dannym nablyu-		KILPATRICK, F. A.
deniy profiley temperatury v tonkom poverkh- nostnom sloye morya),	KIEZYK, P. R.	Techniques for Measurement of Discharge by
W74-10259 7-19 2E	Screening and Selection of Solvents for Extrac- tion of Phenol from Water,	Dye Dilution, W74-11513 7-22 7B
	W74-06410 7-12 5D	W /4-11313 /-22 /B
KHUTORYANSKAYA, D. F. Statistical Characteristics of Thunderstorms in		Tracer Simulation of Soluble Waste Concentra-
Yakutsk Assr (Statisticheskiye kharakteristiki	KIJNE, J. W.	tion, W74-08377 7-16 5B
groz Yakutii),	Guidelines for Research on Water Require- ments of Crops,	W74-08377 7-16 5B
W74-04253 7-08 2B	W74-13345 7-24 3F	KILPATRICK, J. E.
KIBBEL, W. H. JR.	www.n. c. r	The Problem of Oceanic Research: United
Hydrogen Peroxide for Industrial Pollution	KIKER, C. F. Water Allocation Models Based on an Analysis	States and Latin American Perspectives, W74-10878 7-20 6E
Control,	for the Kissimmee River Basin,	
W74-04532 7-09 5D	W74-05402 7-11 6B	KILPERT, R.
KIBBEY, A. H.	KILAMBI, R. V.	The Handling of Oil Spills, W74-08474 7-16 5G
A Critical Review of Solid Radioactive Waste	Limnological, Ichthyological, and Parasitologi-	
Practices at Nuclear Power Plants,	cal Investigations on Arkansas Reservoirs in	Petroleum Refinery Effluent Quality Control,
W74-06825 7-13 5B	Relation to Water Quality,	W74-08473 7-16 5D
KIBE, M. M.	W74-13167 7-24 2H	KILVINGTON, C. C.
Soil Potassium Forms in Relation to Agrocli-	KILBRIDE, J. G.	Qualitative Studies on the Metabolism of
matic Conditions in Maharashtra, W74-08378 7-16 2G	Interaction of Feedwater Colloids with the Sur-	Napthalene in Maia Squinado (Herbst), W74-11339 7-21 5C
W /4-063/6 /-16 2G	face of Reverse Osmosis Membranes,	W /4-11339 /-21 3C
KIBLER, D. F.	W74-01925 7-04 5D	KIM, I. B.
Development of Mathematical Modeling Capa- bilities for the Vistula River Project, Poland,	KILCULLEN, B. M.	Mass Production of Rotifers for the Culture of
W74-00218 7-01 10A	The Measurement of the Heat of Reaction	Fish and Some Shrimp Larvae (In Korean), W74-13405 7-24 2H
	Between Proteins and Clay Minerals by Micro-	
Management of Urban Storm Runoff,	calorimetry, W74-02669 7-06 2G	KIM, J.
W74-10395 7-20 5D	7-06 20	Ecosystem of the Salton Sea, W74-08752 7-17 4A
KICHENKO, M. G.	The Measurement of the Heat of Reaction	
A Method for Rapid Identification of Typhoid	Between Proteins and Montmorillonite by	KIM, J. W.
and Dysentery Bacteria in Water, W74-11162 7-21 5C	Microcalorimetry, W74-08243 7-16 5B	Hydrogeological Maps of Korea, 2. Upper Jinwi River Basin, (In Korean),
W74-11162 7-21 5C		W74-11908 7-22 7C
KICKMAN, K. C. D.	Surface Water Pollution Contract Studies: Ad-	
Distillation of Saline Water by Direct Contact Heat Exchange with Immiscible Liquid,	sorption of Complex Organic Molecules by Suspended Clay,	KIM, K. S. X-Ray Photoelectron Spectra of Lead Oxides,
W74-11414 7-21 3A	W74-08239 7-16 5B	W74-12498 7-23 5A

KIMBALL, B. A.

KIMBALL, B. A.		Carbon Adsorption of Kraft Pulp Mill Waste- Coagulant Recovery and Reuse in Wate	er Recla-
A Miniature Gravity-Fed T	hermocouple	water (In Japanese), mation Systems, W74-09457 7-18 5D W74-07844 7	7-15 5D
W74-12747	7-23 7B	7 10 25 11 17 10 17	-15 50
4 14-12141	125 12	KINARD, W. F. Sensitivity of Three Selected Bacterial	Species
Simulation of the Energy Balance	of a Green-	Temporal and Depth Study of Alkaline Earth to Ozone,	
house,			7-03 5F
W74-04126	7-08 21	tion South of Puerto Rico,	
		W74-05457 7-11 5B Systems simulation of the effect of	
Water Vapor Movement Throu	igh Mulches	KINCAID, D. C. treatment for carbon, nitrogen, and pho	
Under Field Conditions,	7-08 2G	Hudrodynamics of Border Irrigation Advance removal upon primary productivity,	
W74-03784	7-08 20	W74.06592 7-13 3F crop, and community structure of aut	
KIMBALL, T. L.		and hetertrophic communities in model streams.	receiving
Economic Implications of Alternat	tive National	KINCANNON, D. F.	7-14 5C
Goals,		Dispersed Growth Diological Deviage French	-14 30
W74-05631	7-11 5G	ment Process, W74-05884 7-11 5D KING, R. B.	
		Use of Whatman-41 Filters in Air Qual	lity Sam-
KIMBLE, J. M.		Operational Control Concepts for the Activated pling Networks (With Applications to	
Fate of Nitrate from Manure a		Sludge Process, tal Analysis),	
Nitrogen in A Clay Soil Cropped to	o Continuous	W74-10824 7-20 5D W74-10666 7	7-20 5A
Corn, W74-08321	7.16 ED	VINIDAD D. C.	
W 74-08321	7-16 5B	KINDLE, E. C. KING, S. S.	
KIMBLER, O. K.		Remote Detection of Aerosol Pollution by Application of Infrared Fourier To	
Effect of Formation Dip on the l	Movement of	Spectroscopy to remary and or mileto date	
Fresh Water Stored in Saline Aqui		W74-02575 7-05 7B W74-01303 7	7-03 2K
W74-03336	7-07 4B	KING, A. B. KING, W. C.	
		Interregional Planning of Water Resources Al-	n Ovster
Saline AquifersFuture Storage R	deservoirs for	locations by Systems Analysis Approach, Shellstock at Two Different Storage 7	
Fresh Water,		W74-05932 7-11 4A shellstock at 1 40 Different Storage tures.	
W74-03224	7-07 5E	Optimal Allocation of Water Resources in W74-00616	7-02 5C
The Strange World of Miscible Dis	nlacement	Utah	
W74-10664	7-20 5B	W74-02117 7-04 4A KING, W. G.	
W 74-10004	7-20 3B	Losses of Trace Concentrations of C	
KIMMEL, B. L.		KING, A. H. from Aqueous Solution During Storage	in Glass
Factors Affecting Phytoplankton	Production in	Air Flotation-Biological Oxidation of Synthetic Containers,	
a Eutrophic Reservoir,		Transport and Edward Transport	7-23 5A
W74-07121	7-14 5C	W74-05105 7-10 5D KING, W. M.	
		KING, A. S. Dynamics Reverse Osmosis Membran	es of III-
KIMMEL, G. E.		Method and Apparatus for Flocculation of Dis-	
The Water Table on Long Island,	New York, in	The state of the s	7-06 3A
March 1970, W74-05556	7-11 4B	W74-09184 7-17 5D	
W 74-03336	7-11 4B	KINGHAM, D. J.	
KIMMEL, G. E. AND		KING, D. L. Viscosity Measurements of Water in I	Region of
Surface- and Ground-Water Cond	titions During	The Kinetics of Inorganic Carbon-Limited Algal Growth, Tts Maximum Density,	
1959-61 in a Part of Flett Creek Ba		W74-04518 W74-04518	7-09 2K
Washington,		KINGSBURY, A. P.	
W74-04796	7-09 2E	KING, I. P. Peletionship Retween Longing Activ	ities and
		Development of Mathematical Modeling Capa-	ities and
KIMURA, M.		bilities for the Vistula River Project, Poland,	7-14 4C
Isolation of (Beta Sub 2)-Microp		W74-00218 7-01 10A W74-07408	1-14 40
the Urine of Patients with Itai-Itai	(Ouch-Ouch)	Optimal Allocation of Limited Water KINGSLEY, F. H.	
Disease, W74-09771	7-18 5A	Resources. Computer Data Flows Smoothly for	or Small
11 17-07/11	7-10 3A	W74-00179 7-01 6A Water Authority,	
KIMURA, M. AND		W74-09483	7-18 6C
Application of Polyacrylamide to	Pulp Mill Ef-	KING, J. A.	
fluents (In Japanese),		Filter and Slurry Metering System, KINJO, T.	i C-1
W74-04529	7-09 5D	W74-10028 7-19 5D Effect of Phosphate Salts as Saturat	
WIREIDA C		KING, K. A. J. tions in Cation-Exchange Capacity D. tions.	etermina-
KIMURA, S.	take and D	District of the Control of the Control	7-16 2G
Acute and Chronic Toxicity, Up tention of Cadmium in Freshwater		Kariba,	. 10 20
W74 13027	7 24 5C	W74-02910 7-06 2H KINMAN, R. N.	

Ozone Disinfection of Wastewaters at Low

Influence of Overhead Sprinkler Systems on

Spider Mite Populations in North Coast

Physiological Aspects of Animal Life in Estua-

ries with Special Reference to Salinity,

7-19 5D

7-04 3F

7-07 2L

Temperatures,

Vineyards of California,

W74-10184

W74-01893

W74-03461

KINNE, O.

KINN, D. N.

7-22 3C

7-18 3F

7-18 5D

W74-13027

W74-12245

KIMURA, Y.

Japanese).

W74-08778

Acute Toxicity and Accumulation of PCB (KC

Studies of Renovation of Pulp Mill Wastewater

Pilot Plant Tests for Granular Activated Carbon

Adsorption of Kraft Pulp Mill Wastewater, (In

Studies on Renovation of Pulp Mill Waste

Water: Pilot-Plant Tests for Granular Activated

300) in Freshwater Fish, (In Japanese),

7-24 5C

7-23 5C

7-17 5D

KING, L. G.

Flow.

W74-11681

W74-09800

W74-09470

Nonuniform Slopes,

facturing Wastewater,

An Evaluation of Farm Irrigation Practices as a

Means to Control the Water Quality of Return

Optimizing Surface Irrigation Uniformity by

Biological Treatability of Trinitrotoluene Manu-

KINNER, P.

Prediction of the Variation in the Chemistry of

a Lake Resulting from an Increase in Soluble

Deposits: Application: The Sodium in Lake KISE, M. A.

Effect of Spoil Disposal on Benthic Inver- tebrates,	Neuchatel, W74-01562 7-03 2H	Zinc/Phosphate Combinations Control Corrosion in Potable Water Distribution Systems,
W74-01420 7-03 5C	KIRBY, W.	W74-07894 7-15 8G
KINNEY, P. J. Hydrocarbon Biodegradation in Alaskan	Algebraic Boundedness of Sample Statistics, W74-07413 7-14 2A	KISELEVA, E. V. Data on the Reproduction of the Striped Riffle Minnow (Alburnoides Teniatus Kesser) in the
Waters, W74-08627 7-16 5B	KIRCHMER, C. J. Analysis of Coprostanol, an Indicator of Fecal	Zeravshan River, (in Russian), W74-08104 7-15 2I
KINNEY, R. A. A Parametric Study of Water Resource Varia-	Contamination, W74-11794 7-22 5A	Gambusia in the Zeravshan River Basin, (in
bles in a Delta Region of South Loui- sianaBayou Lafourche Volume I - Technical	KIRCHNER, M.	Russian), W74-08105 7-15 2I
Discussion, Volume II - Appendices, W74-08289 7-16 5B	Fluorescence Spectroscopic Determination of Anti-Ovulatory Steroids in Water and Water and Waste Water on the Thin Layer Chro-	KISER, K. Lake Ontario Hydraulic Model Study
KINNEY, T. B. JR. Regional Administrator's Summary,	matography Plate, (in Russian), W74-11195 7-21 5A	(Preliminary Results), W74-09402 7-18 2H
W74-00141 7-01 5G	Investigations on the Problem of Solubility and	KISHI, T.
KINNUNEN, L. J. Analyses of Paper Machine Waters with Ion-	Stability of Steroid Ovulation Inhibitors in Water, Waste Water and Activated Sludge, (In German),	The Shoaling, Breaking and Runup of the Soli- tary Wave on Impermeable Rough Slopes, W74-03685 7-07 8B
Specific Electrodes. Part I. Effect of pH and Ionic Strength of Solution on Calcium, Cupric,	W74-08133 7-15 5A	Transformation, Breaking and Run-Up of a
Chloride, Sodium, and Nitrate Ion Specific Electrodes,	KIRICHENKO, A. V.	Long Wave of Finite Height, W74-04741 7-09 2L
W74-11093 7-21 5A	Regime of Snow-Avalanche Descent in Northern Transbaykal (Rezhim skhoda snezh-	
Analyses of Paper Machine Waters with Ion-	nykh lavin na severe Zabaykal'ya),	KISHORE, R. Results from Multi-Trace-Element Neutron Ac-
Specific Electrodes, Part II. Calcium, Cupric, Chloride, Sodium and Nitrate Ion Specific	W74-10625 7-20 2C KIRILLOVA, G. G.	tivation Analyses of Marine Biological Specimens,
Electrode Potentials at Various Temperatures and in Composite Solutions,	Zooplankton in Kolyma-Indigirka Lakes (In	W74-10049 7-19 5A
W74-11094 7-21 5A	Russian), W74-01341 7-03 2H	KISIEL, C. Cost-Effectiveness of Water Resources
KINOSITA, T.	KIRK, W. L.	Systems Design in Developing Countries: Case
Ultrasonic Measurement of Discharge in Rivers,	The Effects of Hypoxia on Certain Blood and Tissue Electrolytes on Channel Catfish, Ictalu-	of the Lower Mekong, W74-00171 7-01 6B
W74-11528 7-22 7B	rus Punctatus (Rafinesque), W74-13092 7-24 5C	Decision Analysis of a Gamma Hydrologic
KINRADE, J. The Determination of Heavy Metals in	KIRK. W. P.	Variate, W74-12301 7-23 2B
Domestic Sewage Treatment Plant Wastes, W74-07763 7-15 5A	Method and Apparatus for Collecting a Float-	Uncertainty in the Return Period of Maximum
KINSEY, W. B.	ing Liquid, W74-07215 7-14 5G	Events: A Bayesian Approach, W74-03137 7-06 2B
Data for Municipal Wells in the City of Modesto, California,	KIRKHAM, D.	KISIEL, C. C.
W74-07320 7-14 4B	Ground-Water Flow Patterns in Confined Aquifers and Pollution,	Alternative Water Resource Systems in the Lower Mekong,
KINT, S.	W74-07510 7-14 5B	W74-05733 7-11 6A
Raman Spectra and Structure of Water from - 10 to 90 (degrees C),	Ground Water Seepage Patterns to Wells for Unconfined FlowPhase II,	Alternative Water Resource Systems in the
W74-13419 7-24 1A	W74-02206 7-05 2F	Lower Mekong, W74-06418 7-12 4A
KINTER, L. B. DDT Inhibition of Active Chlorophenol Red	KIRKLAND, J. T. Maritime Accidental Spill Risk Analysis: Phase	Cost-Effectiveness Analysis of Disposal
Transport in Goldfish (Carassius auratus) Renal Tubules,	I: Methodology Development and Planning, W74-10619 7-20 5B	Systems, W74-00184 7-01 5E
W74-03573 7-07 5C		A Decision-Theoretic Approach to Uncertainty
KIPP, K. L.	KIRPICHNIKOV, V. S. Increase of Resistance of Carp to Dropsy by	in the Return Period of Maximum Flow Volumes Using Rainfall Data,
The Transmissivity Iterative Programs on the PDP-9 Computer - A Man-Machine Interactive	Means of Breeding. II. Course of Selection and Evaluation of the Breed Groups, (In Russian),	W74-03138 7-06 2A
System, W74-09825 7-19 2F	W74-01560 7-03 5C	Limits of Deterministic Predictability of Saturated Flow Equations,
KIPP, K. L. JR.	KIRSCHNER, S. L.	W74-12823 7-24 2F
Radiological Status of the Groundwater	Waste Water Monitoring Program by the City of New York,	Optimum Control of Irrigation Water Applica-
Beneath the Hanford Project, July-December 1972,	W74-10962 7-21 5D	tion, W74-01973 7-04 3F
W74-04452 7-09 5B	KIRSTA, B. T. Rain Flood Discharge in Northeastern Slopes	Predicting the Hydrologic Effects of Land
KIPTENKO, YE. N. Storm Rainfall in the Carpathians in June 1969,	of Kopet-Dag (USSR), (In Russian), W74-09365 7-18 4A	Modifications, W74-08753 7-17 4A
W74-02606 7-05 2B	KIRVIDA, L.	Role of Digital Computer Models of Aquifers in
KIRALY, L.	Automatic Interpretation of ERTS Data for	Water Resources Planning: Case Study in Tuc-

Forest Management,

W74-06643

son, Arizona, W74-00176

7-13 4A

KISIEL, C. C.

A Stochastic Model of Streamflow Based on Surface Runoff Nutrient Losses from Various KIVER, K. F. the Theory of Functions of Markov Processes, Effect of Irrigation and Alkali Treatment on the Land Disposal Systems for Dairy Manure, W74-09702 Microbiological Processes in Soil, (in Ukraini-W74-01123 7-03 2E KLAVEN, V. M. W74-01761 A Stochastic Snow Model to Evaluate Reser-7-04 3F Depth Distribution of Water Temperature in voir Operation. the Kakhovka Reservoir (Raspredeleniye tem-KIVLIN, J. E. W74-04918 Fidelity of Information Transmission in Local peratury vody po glubine v Kakhovskom vodokhranilishche), Campaigns on Water Issues, KISISEL, I. T. W74-09107 7-17 2H W74-10690 Generation Models for Synthetic Annual and 7-20 6B Monthly Flows for Some Indiana Watersheds, KJARAN, S. P. Mercury in Tunas: A Review, Reservoir Mechanism in an Aquifer of Arbitra-W74-09574 7-18 5B ry Boundary Shape, W74-01129 7-03 2F Dredge and Sludge Alembic, KLECZKOWSKI, A. S. The Influence of a Chemical Plant Sewage W74-13254 7-24 5D KJELLSTROM, L.-E. Sedimentation Catchpit on Groundwaters of Fluorimetric Method for the Determination of KISSEL, D. E. the Upper Vistula Floodplain, Uranium in Natural Waters, W74-01754 The Effect of Overburden Pressure on Chloride W74-05240 7-10 5A and Water Movement in Swelling Clay Soil, The Influence of an Industrial Plant on the W74-10213 7-19 2G KJELLSTROM, T. Chemistry of Quaternary Waters in its Vicinity, Cadmium in the Environment, II, Upper Odra River Valley, (In Polish), KISTENMACHER, H. W74-12492 7-23 5B W74-00266 Study of the Structure of Molecular Com-Cadmium Uptake by Wheat from Sewage Sludge Used as a Plant Nutrient Source, A plexes. VI. Dimers and Small Clusters of Water Pollution Endangered Underground Waters in Molecules in the Hartree-Fock Approximation, the Neighbourhood of a Sewage Catchpit Comparative Study Using Flameless Atomic W74-12923 7-24 1A Designed on the Moraine Highland of Northern Absorption and Neutron Activation Analysis, Poland. 7-18 5C W74-09758 7-01 5B W74-00500 Quality of Ground Water in the Lower KLAASSEN, G. J. Colorado River Region, Arizona, Nevada, New KLEEREKOPER, H. Roughness Coefficients of Vegetated Flood Interaction of Temperature and Copper Ions as Mexico, and Utah, Plains. W74-06960 7-13 7C Orienting Stimuli in the Locomotor Behavior of W74-11136 the Goldfish (Carassius auratus), KISTNER, A. 7-13 SC W74-06769 KLAASSEN, H. E. Method of Preparing Washed Suspensions of Pesticide Residues in Natural Fish Populations Anaerobic Bacteria for Metabolic Studies, of the Smoky Hill River of Western Kansas -The Effects of Artificial Sunlight Upon Float-W74-06875 1967-69, 10H. E. Klaassen, and W74-06052 7-12 5A W74-03777 7-08 5B KITAIGORODSKII, S. A. The Physics of Air-Sea Interaction, KLAASSEN, L. H. KLEIN, A. W. W74-09939 7-19 2E Economic and Social Projects with Environ-Chromium Complexes with Proteins and Mucopolysaccharides and Their Relationship to mental Repercussions: A Shadow Project Ap-KITANO, V. Chromium Allergy in Sensitized Guinea Pigs, proach. Distribution of Fluoride in Waters of Tokyo W74-04085 W74-12519 7-08 6B W74-08549 KLEIN, D. A. 7-16 5B KLAPPACH, G. Cloud Seeding for Snow Augmentation: Land Construction and Operation of a Laboratory KITSON, T. Fermenter for Kinetic Measurements in Waste Use Ramifications of Residual Silver Iodide The Use of a Commercial Time-Sharing Com-Waters (Bau Und Betrieb Eines Laboratori-Nucleating Agents, W74-09606 puter for Water Resource Planning, 7-18 5B ums-Fermentors Fur Kinetische Messungen an W74-12133 7-23 6A Abwassern), KLEIN, D. H. W74-10816 Mercury in the Environment, KITTOCK, D. L. W74-06523 7-13 5R Pima Cotton Lint Yield as Influenced by Irriga-KLAPPER, H. Organisms in Public Water Mains and Their tion Schedule, Cultivar and Altitude, Some Estimates of Natural Levels of Mercury Significance for Drinking Water as Food, (In W74-08807 7-17 3F in the Environment, German). W74-06772 7-13 SB 7-04 SF W74-01898 KITTREDGE, J. S. The Effects of Crude Oil Pollution on the KLEIN, E. KLAPWIJK, A. Behavior of Marine Invertebrates, Improved Ethyl Cellulose Membranes for A Modified Procedure for the TTC-Reverse Osmosis Application, W74-07987 Dehydrogenase Test in Activated-Sludge, W74-00157 7-01 3A 7-20 5A W74-10817 Sublethal Effects of the Water Soluble Com-Trace Organic Contaminants in Drinking ponent of Oil: Chemical Communication in the KLASEMA, M. Water; Evaluation of Semi-Permeable Mem-Marine Environment, Water Management, branes and Osmotic Pumping to Achieve Con-W74-08636 W74-05000 7-10 4A centration, W74-10981 7-21 5F KITTRICK, J. A. KLAUSING, R. L. Characterization of Suspended Sediments in Ground-Water Resources of McLean County, KLEIN, J. M. Water from Selected Watersheds as Related to North Dakota, Water in the San Luis Valley, South-Central Control Processes, Nutrient Contents, and W74-07313 Colorado. Lake Eutrophication, W74-00331 7-01 2A W74-07736 KLAUSNER, S. D. 7-15 5B

Surface Runoff Losses of Soluble Nitrogen and

Phosphorus Under Two Systems of Soil

Management.

W74-10789

7-19 5D

Water-Level Declines and Ground-Water

Quality, Upper Black Squirrel Creek Basin,

7-08 4B

Colorado.

W74-03808

7-20 SB

KITTRIDGE, C. W.

W74-10144

The Maine Deep Pit Cage Laying House,

KLEMMACK, D. L.

KLEIN, L. D.

KLIMOWICZ, H.

Riprap Slope Protection for Earth Dams: A Review of Practices and Procedures, W74-01093 7-02 8D	Concept-Scale Interaction with the Semantic Differential Technique, W74-01644 7-03 6B	Microfauna of Activated Sludge. Part III. The Effect of Physico-Chemical Factors on the Oc- currence of Microfauna in the Annual Cycle,
W /4-01093	W 74-01044 7-03 0B	W74-01542 7-03 5C
KLEIN, S. A. A Literature Review on the Biological Purifica- tion Methods of Sewage in Chemical-Phar-	KLENN, W. A. Accelerated Curing of Cementitious Systems by Carbon Dioxide, Part II. Hydraulic Calcium	Rotifers of the Near Bottom Zone of Lakes Mikolajskie and Taitowisko,
maceutical Plants, (in Russian),	Silicates and Aluminates,	W74-00935 7-02 2H
W74-01756 7-04 5D	W74-10849 7-20 8F	KLINCK, M.
NTA Removal in Septic Tank and Oxidation Pond Systems, W74-10481 7-20 5D	KLENOVSKA, S. Callus Tissue Culture From the Viewpoint of Water Relationships (In German),	The Start-Up Model of a Rapid Sand Filter, W74-12146 7-23 5F
	W74-00995 7-02 2I	KLINE, J. R.
KLEIN, S. N. Pollution Control in Illinois, The Formative Years, W74-10718 7-20 5G	KLEPESHNEV, A. M. Sodium/Potassium Ratio in Water of the Don River (Sootnosheniye natriya i kaliya v vode r.	Mathematical Model of Tritiated and Stable Water Movement in an Old-Field Ecosystem, W74-07812 7-15 5B
	Dona),	Transpiration Measurement in Pines Using
KLEINE, C. F. Inventory of Waste Water Production and	W74-03253 7-07 5B	Tritiated Water as a Tracer,
Waste Water Reclamation Practices in Califor-	KLEPIKOV, V. V.	W74-05197 7-10 5B
nia, 1970-1971,	Seasonal Variability of Water Temperature in	Tritium Movement in an Old-Field Ecosystem
W74-09078 7-17 5D	the Vicinity of the Japan Current (Vnutrisezonnaya izmenchivost' temperatury	Determined Experimentally, W74-05198 7-10 5B
KLEINENBROICH, K. Analogue to Digital Conversion and Data	vody v rayone Kurosio),	
Acquisition from Charts of Water Level and	W74-05150 7-10 2E	KLING, G. F. AND Computer Modeling of Sediment and
Rainfall Recorders and Their Evaluation by a	KLEPPER, B.	Phosphorus Movement into Canadarago Lake,
Computer, W74-11564 7-22 7C	Environmental Chemistry, W74-09235 7-17 5B	W74-10807 7-20 5B
		KLING, H.
KLEINERT, S. J. Mercury Levels in Fish from Selected Wisconsin Waters (A Preliminary Report),	On the Mechanism of Water-Stress-Induced Stem Deformation, W74-10796 7-20 3F	Eutrophication of Lake 227 by Addition of Phosphate and Nitrate: The Second, Third, and
W74-09371 7-18 5A		Fourth Years of Enrichment, 1970, 1971, and 1972,
Mercury Levels in Wisconsin Fish, W74-06778 7-13 5B	Plant Water Status in Relation to Clouds, W74-08801 7-17 2D	W74-04789 7-09 5C
	Water Relations and Growth of Cotton in Dry-	KLINGEBIEL, A. A. Nutrient Enrichment of Natural Waters,
KLEIS, R. W. Regional Livestock Waste Management Program,	ing Soil, W74-08272 7-16 2G	W74-12709 7-23 5B
W74-00127 7-01 5G	KLETT, A. T.	KLINGEMAN, P.
KLEKOT, L. Bottom Fauna of Dead Vistula,	Preliminary Evaluation of ERTS-1 for Deter- mining Numbers and Distribution of Prairie	Oregon's Estuaries: Description and Informa- tion Sources for Oregon's Estuaries, W74-11575 7-22 2L
W74-01073 7-02 5C	Ponds and Lakes, W74-02597 7-05 7B	
KLEMAS, V.		KLINGEMAN, P. C. Hydrologic Evaluations in Bridge Pier Scour
Applicability of ERTS-1 Imagery to the Study	KLEYBRINK, H. Staphylococci and Micrococci In Swimming-	Design,
of Suspended Sediment and Aquatic Fronts, W74-06666 7-13 2L	Bath Water, (In German),	W74-02309 7-05 8B
	W74-00277 7-01 5A	Indications of Streambed Degradation in the
Application of Ecological, Geological and Oceanographic ERTS-1 Imagery to Delaware's	KLIEWER, R. M.	Willamette Valley, W74-03770 7-08 2J
Coastal Resources Planning,	A General Solution for the Two-Dimensional, Transient Heat Conduction Problem in Per-	
W74-00540 7-01 7B	mafrost, Using Implicit, Finite Difference	Sediment Transport at Low Shields-Parameter Values,
Coastal Vegetation of Delaware,	Methods, W74-04350 7-09 2C	W74-05835 7-11 2J
W74-07616 7-15 2L		What Is an Equipmental Impact Statement
Identification of Marsh Vegetation and Coastal	KLIKOFF, L. G. Carbon Dioxide Exchange by Several Stream-	What Is an Environmental Impact Statement, W74-06108 7-12 6G
Land Use in ERTS-1 Imagery, W74-02578 7-05 7B	Side and Scrub Oak Community Species of Red	
	Butte Canyon, Utah, W74-01590 7-03 2I	KLIR, S. Geothermal Areas of Czechoslovakia,
Research in the Coastal and Oceanic Environ- ment,		W74-08982 7-17 2F
W74-03096 7-06 2J	Seasonal Water Potential Patterns in the Moun- tain Brush Zone, Utah.	KLISENKO, M. A.
Research in the Coastal and Oceanic Environ-	W74-01588 7-03 2I	Certain Problems in the Quantitative Toxicolo-
ment, W74-12554 7-23 1A	Water Stress in Krummholz, Wasatch Moun-	gy of Organophosphorus Compounds, W74-01795 7-04 5B
KLEMES, V.	tains, Utah, W74-13036 7-24 2I	Use of Gas Chromatography in the Analysis of
Probability Distribution of Outflow from a		Phenyl-Substituted Residues of Urea Deriva-
Linear Reservoir,	KLIMENKO, V. I. Balance Estimate of Groundwater Resources	tives, (In Russian), W74-13126 7-24 5A
W74-13001 7-24 4A	on the Northwestern Slope of the Caucasus	
KLEMETSON, S. L.	(Balansovaya otsenka resursov podzemnykh vod severo-zapadnogo sklona Bol'shogo Kav-	KLJUCEC, N. M. Gypsum-Cement Blend Works Well in Per-
Evaluating Water Reuse Alternatives in Water Resources Planning,	kaza),	mafrost Areas,
W74-08940 7-17 5D	W74-01136 7-03 4B	W74-07884 7-15 8F

KLOCKING, R.

KLOCKING, R.	KLYUKIN, N. K.	KNEPP, G. L.
A System for Polyacrylamide Gel Elec-	Machine Control of the Quality of Observa-	Ammonia Toxicity Levels and Nitrate
trophoresis of Humic Acids, (Ein System Zur	tions in Automated Hydrometeorological-Data	Tolerance of Channel Catfish,
Polyacrylamidgelelektrophorese Von Humin-	Processing,	W74-13486 7-24 5C
sauren), W74-00260 7-01 5A	W74-06723 7-13 2B	KNETSCH, J. L.
W74-00260 7-01 5A	KNAACK, D.	Value Comparisons in Free-Flowing Stream
KLOHN, W.	Influence of Evaporation Condensate on	Development.
Recent Development of Hydrological Services	Biological Purification of Pulp Wash Waters	W74-03190 7-06 6B
in Colombia,	(Einfluss von Eindampfkondensat auf die	
W74-00227 7-01 10A	biologische Reinigung von Zellstoffwaschwas-	KNEZEK, B. D.
KLOPATEK, J.	sern),	Long-Term Effects of Manure, Fertilizer, and
Environmental Status of the Lake Michigan	W74-00781 7-02 5D	Plow Depth on Chemical Properties of Soils
Region: Volume 9. Soils of the Lake Michigan		and Nutrient Movement in a Monoculture Corn
Drainage BasinAn Overview,	KNAPP, C.	System,
W74-13169 7-24 2G	Improved pH Control of Fungal Culture Media,	W74-06346 7-12 5B
	W74-04903 7-10 5A	KNICKLE, H. N.
KLOPFENSTEIN, T.	WALARD D. I	Treatment of Waste Water from Fish and Shell-
Agricultural Cellulosic Wastes for Feed,	KNAPP, D. J.	fish Processing Plants,
W74-10154 7-19 5D	Wind Driven Water Currents,	W74-12346 7-23 5D
KLOSTER, M. B.	W74-03619 7-07 8B	
The Determination of Tannin and Lignin,	KNAPP, R. M.	KNICKMEYER, W. W.
W74-06163 7-12 5A	The Development and Field Testing of a Basin	Organic Desorption from Carbon-II. The Effect
712 311		of Solvent in the Desorption of Phenol from
KLOTZ, J. C.	Hydrology Simulator, W74-04984 7-10 2A	Dry Carbon,
Are Ocean Polluters Subject to Universal Ju-	W74-04984 7-10 2A	W74-02419 7-05 5A
risdictionCanada Breaks the Ice,	KNAPP, W.	VALCUT A I
W74-00867 . 7-02 5G	Pollution of Drinking Water by Oil in the Pipes	KNIGHT, A. L.
	of New Buildings, (In German),	Surface-Water Availability, Colbert County,
KLUCZYCKA, K.	W74-03950 7-08 5B	Alabama. W74-08187 7-16 4A
Comparative Studies on the Determination of	7-00 JB	W /4-0618/ /-10 4A
Toxicity of Some Pesticides, W74-13478 7-24 5C	KNAPP, W. E.	Surface-Water Availability, Lauderdale Coun-
W/4-134/6	Possible Effects of Construction and Operation	ty, Alabama,
KLUESENER, J. W.	of a Supertanker Terminal on the Marine En-	W74-04494 7-09 2E
Nutrient Loading From a Separate Storm	vironment in New York Bight,	
Sewer in Madison, Wisconsin,	W74-07488 7-14 5C	KNIGHT, A. W.
W74-00716 7-02 5C		Response of Aquatic Life to Salinity, Tempera-
	KNAUER, G. A.	ture, Dissolved Oxygen, and Water Flow,
Nutrient Loading from a Separate Storm Sewer	Seasonal Variations of Cadmium, Copper,	W74-00721 7-02 5C
in Madison, Wisconsin,	Manganese, Lead, and Zinc in Water and	VNICHT C H
W74-11853 7-22 5B	Phytoplankton in Monterey Bay, California,	KNIGHT, C. H. Thickening and Dewatering Sludges Produced
KLUGE, D. L.	W74-00829 7-02 2K	in Phosphate Removal,
Evaluation of a Rotating Disk Wastewater	Trace Elements in Marine Shrimp,	W74-08860 7-17 5D
Treatment Plant,		W 74-00000 7-17 3D
W74-08869 7-17 5D	W74-07806 7-15 5C	KNIGHT, H. G.
	KNAUSS, J. A.	The Deep Seabed Hard Mineral Resources Act-
KLUK, A. F.	Development of the Freedom of Scientific	-A Negative View,
Management of Solid Radioactive Wastes,	Research Issue of the Third Law of the Sea	W74-08658 7-16 6E
W74-09874 7-19 5D	Conference,	
KLUSSMANN, W. G.	W74-02501 7-05 6E	Legal-Economic Aspects of Fisheries Session
Effect of Anhydrous Ammonia on a Central	7703 0E	Summary,
Texas Pond, and a Review of Previous	KNECHT, R. W.	W74-05649 7-11 6E
Research with Ammonia in Fisheries Manage-	Marine Resources A National Perspective,	Local Impediments to the Use of Interstate
ment,	W74-10732 7-20 6E	Legal Impediments to the Use of Interstate
W74-07595 7-14 5C		Agreements in Coordinated Fisheries Management Programs: States in the N.M.F.S.
	KNEESE, A. V.	Southeast Region.
KLUTE, A.	Bribes and Charges in Pollution Control: An	W74-06991 7-13 6E
An Experimental Study of Soil Water Flow	Aspect of the Coase Controversy,	W 74-00771 7-13 GE
Systems Involving Hysteresis, W74-03760 7-08 2G	W74-09241 7-17 5G	KNIGHT, J. H. AND
W74-03760 7-08 2G	Comments on the Box of the Market William	On Solving the Unsaturated Flow Equation: 2.
KLYACHKO, YU. A.	Comments on the Report of the National Water	Critique of Parlange's Method.
Determination of Polyacrylamide in the Drink-	Commission,	W74-04492 7-09 2G
ing Water by Means of an Adsorption	W74-03174 7-06 6B	
Photometric Method, (In Russian),	Water Pollution: Economic Aspects and	KNIGHT, K. L.
W74-02932 7-06 5A	Research Needs,	Effects of Salt Marsh Impoundments on
WILLIAM I P	W74-08525 7-16 5G	Mosquito Populations,
KLYEN, L. E.	7-16 30	W74-11461 7-22 5C
A Vessel for Collecting Subsurface Water Sam- ples from Geothermal Drillholes.	KNEIP, T. J.	Insect Pest Management in Coastal and
W74-08366 7-16 4B	Environmental Tritium Studies at a PWR	Estuarine Habitats,
7-10 4B	Power Plant,	W74-02643 7-05 5G

W74-02022

Stable Manganese and Manganese-54 Distributions in the Physical and Biological Components of the Hudson River Estuary,
W74-02048 7-04 5B

7-04 5B

KNIGHT, L. H.
Sea Water System For Aquaculture of
Estuarine Organisms at The Skidaway Institute

7-20 5D

of Oceanography, W74-10670

KLYUEVA, V. A.

W74-08429

viskoznykh volokon),

Some Results of Water Purification at Viscose

Rayon Factories (Nekotorye itogi raboty vodoochistnykh sooruzhennii predpriyatii

7-16 5D

Filter Bottom and Molded Module Therefor,

Precipitation as a Nutrient and Hydrogen Ion

Source for Forested Watersheds in the Missou-

KNOY, M. G.

W74-03006

la Vicinity, W74-03766

KNUDSEN, G. M.

7-18 5C

KNIGHT, M. C.

W74-09463

KNIGHT, R. J.

KNOX, W. T.

W74-03046

Document Services,

Prince George, B.C.,

Biological Monitoring of the Fraser River Near

Uranium, Thorium, and Lead Concentrations

in Three Silicate Standards and a Method of

7-02 4A

KOCHELABA, YE. I.

period polovod'ya 1970 g.), W74-00595

7-06 5D

Short-Term Forecast of Daily Discharges of the

Dnieper River at Kiev During the Period of the

1970 Flood (O kratkosrochnom prognoze yez-

hednevnykh raskhodov Dnepra u Kiyeva v

Lead Isotopic Analysis, W74-07947 7-15 2K	W74-03766 7-08 5B	KOCHERGIN, V. N.
W/4-0/74/	KNUDSEN, H. J.	Heat and Mass Transfer in Hydrothermal
KNIGHTON, D.	Some Experiences in Land Acquisition for a	Systems, Physical-Mathematical Models and Experiments.
Variation in Width-Discharge Relation and	Land Disposal System for Sewage Effluent,	W74-09005 7-17 2F
Some Implications for Hydraulic Geometry,	W74-05966 7-12 5D	W 14-05003 1-11 2F
W74-09632 7-18 8B		KOCHETKOV, A. I.
KNISEL, W. G. JR.	KNUTILLA, R. L.	Thermal Drying of Activated Sludge from Pu-
Measurement of Discharge as Inflow Into	Hydrology and Recreation on the Cold-Water	rification Equipment (Termosushka aktivnogo
Leaky Reservoirs.	Rivers of Michigan's Upper Peninsula,	ila ochistnykh sooruzhenii),
W74-11529 7-22 7B	W74-11986 7-22 6B	W74-03070 7-06 5D
	KNUTSEN, G.	
KNISELEY, R. N.	Synchronous Cultures of Chlamydomonas	KOCHETKOVA, S. N.
Inductively Coupled Plasma-Optical Emission	Reinhardti: Properties and Regulation of	Use of Isotopic Methods to Determine Present
Analytical Spectrometry. A Compact Facility for Trace Analysis of Solutions,	Repressible Phosphatases,	Rates of Snow Accumulation in Antarctica
W74-05309 7-10 5A	W74-05053 7-10 5C	(Ispol'zovaniye izotopnykh metodov dlya opredeleniya sovremennoy skorsti nakopleniya
7.10 311		snega v Antarktide),
Lateral Diffusion Interferences in Flame	KO, C-A.	W74-01393 7-03 2C
Atomic Absorption and Emission Spec-	Geology and Groundwater Resources of the	7-01373
trometry,	Hangman Creek Drainage Basin, Idaho-	KOCHEVAR, I. E.
W74-01342 7-03 2K	Washington,	New Polymer Membrane Technology for
KNIZHNIKOV, I. F.	W74-07644 7-15 4A	Desalination of Seawater by Reverse Osmosis,
Investigation of Ice Movement on Mountain	KO, Y. S.	W74-00312 7-01 3A
Glaciers by Stereophotogrammetry	A Study on the Growth of the Mussel, Mytilus	
(Issledovaniye dvizheniya l'da gornykh led-	edulis, in a Salt-Field Reservoir (In Korean),	KOCMOND, W. C.
nikov stereofotogrammetricheskim metodom),	W74-13406 7-24 2H	An Investigation of the Microphysical and
W74-00346 7-01 2C		Micrometeorological Properties of Sea Fog, First Summary Report, Project Sea Fog,
PARTITION V.	KOCH, C. M.	W74-09406 7-18 2B
KNIZHNIKOV, V. A. Some Regularities of Sr90 Accumulation in the	Use of Pipelines as Aerobic Biological Reac-	W/4-03400 /-18 2B
Body of a Rat with a High Fluorine Content in	tors,	KOCWOWA, E.
Its Drinking Water, (In Russian),	W74-10925 7-21 5D	Protection of Saprophytes as the Main Factor
W74-02195 7-05 5C	KOCH, D. L.	in a Program for Protection of Water Environ-
	Reproductive Characteristics of the Cui-ui	ments, (In Polish),
KNOERR, K. R.	Lakesucker (Chasmistes cujus Cope) and Its	W74-04297 7-08 5G
Estimating Solar Radiation on Mountain	Spawning Behavior in Pyramid Lake, Nevada,	POCTAN I
Slopes, W74-13415 7-24 2D	W74-05999 7-12 2H	KOCZAN, J.
W 74-13413 7-24 2D	WAGE B C	Anatomy of a Shoreface-Connected Sand Ridge on the New Jersey Shelf: Implications
KNOLL, C. R.	KOCH, R. C. Summary ReportWeather Modification,	for the Genesis of the Shelf Surficial Sand
Flushing and Water Quality Characteristics of	Fiscal Years 1969, 1970, 1971,	Sheet.
Small-Boat Marinas,	W74-10233 7-19 3B	W74-05723 7-11 2J
W74-10419 7-20 5B	7-17 35	
KNOP, E.	KOCH, W.	KODYAYEV, G. V.
Measuring Devices in Stationary and Mobile	Anionic Exchange Separations of the Elements	A Morphometric Description of Lake Issyk-
Control Stations for the Supervision of Rivers,	that can be Extracted with Tributyl Phosphate.	Kul' (Morformetricheskaya kharakteristika
Shown by the Example of the Lippe and	II, (Anionenaustauschtrennungen der mit	ozera Issyk-Kul'),
Emscher Rivers,	Tributylphosphat extrahierbaren Elemente. II),	W74-02755 7-06 2H
W74-11554 7-22 7B	W74-02432 7-05 2K	KOEBEL, K.
KNOTT, J. M.	Determination of Small Amounts of Uranium	Water Law and Its Relationship to Environ-
Sediment Discharge in the Trinity River Basin,	After Concentrating Through Extraction and	mental Quality: A Bibliography of Source
California,	Anionic Exchange in a Solvent Agent System	Material,
W74-09225 7-17 2J	Containing Tri-N-Octylphosphine Oxide.	W74-03322 7-07 5G
	(Bestimmung geringer Uranmengen nach Kon-	
KNOWLES, C. E.	zentrierun g durch Extraktion und	KOEBEL, K. R.
CTD Sensors, Specific Conductance and the	Anionenaustausch in einem tri-n-oc-	Water Law in Relation to Environmental Quali-
Determination of Salinity, W74-11033 7-21 7B	tylphoshinoxidhaltigen Losungsmittelsystem),	ty,
17-21 /B	W74-02434 7-05 5A	W74-10202 7-19 5G
KNOX, G. A.	KOCHANOWSKA, R.	KOEFOED, O.
Taxonomic Position of Two Lumbrineris Spp.,	Cirsio-Polygonetum Meadows in the Province	Simultaneous Evaluation of Drawdown Data
W74-07568 7-14 2L	of Szczecin (In Polish).	from Several Observation Wells by Means of a
KNOX, J. B.	W74-01815 7-04 2I	Modification of the Walton Method,
Aquatic and Atmospheric Simulation,		W74-12999 7-24 4B
W74-02003 7-04 5B	KOCHAROV, R. G.	VAPUR I P
	Purification of Effluents by Means of Reverse	KOEHR, J. E.

Osmosis, (Ochistka stochnykh vod metodom

7-05 5D

obratnogo osmosa),

W74-02258

7-06 10C

Quasi-Weekly and Daily Profile Changes on a

Distinctive Sand Beach,

W74-04964

KOEHDSEN I G

NOTIFICALLY I. C.	VOCAN B M	KOKESH, F. P.
KOEHRSEN, L. G. Activated Sludge - Bio-Disc Treatment of	KOGAN, R. M. An Airborne Gamma Survey of Moisture Con-	A Sonic Method for Analyzing the Quality of
Distillery Wastewater, W74-10525 7-20 5D	tent in the Surface Detention Layer, (Samoletnaya gamma-s'yemka zapasov vlagi v	Cementation of Borehole Casings, W74-00936 7-02 8F
KOELLIKER, J. K.	sloye poverkhnostnogo zaderzhaniya), W74-02307 7-05 2G	KOL'NER, R. YU.
Automated Hydraulic Waste-Handling System for a 700-Head Swine Facility Using Recircu-	Experiment in Determination of Water	Use of Morshin Mineral Water in Disease of the Liver and Biliary Tracts in Children, (in
lated Water, W74-09682 7-18 5D	Equivalent of Snow in Mountains by Absorp- tion of Galactic Cosmic Radiation (Opyt	Ukrainian), W74-08101 7-15 2I
	opredeleniya zapasov vlagi v snezhnom	KOLACZKOWSKI, S.
KOEMAN, J. H. Mercury-Selenium Correlations in Marine Mammals,	pokrove v gorakh po pogloshcheniyu galak- ticheskogo kosmicheskogo izlucheniya), W74-09932 7-19 2C	The Influence of Certain Toxic Substances, Contained in Domestic Wastes, on the Bacteria
W74-03603 7-07 5C	KOGANOVSKII, A. M.	Escherichia Coli and Pseudomonas Flou- rescens, (L'Influence De Certaines Substances
A Preliminary Survey of the Possible Con- tamination of Lake Nakuru in Kenya with Some Metals and Chlorinated Hydrocarbon	Circulation System Water Purification - By Treatment With Ammonia Subsequently Recovered by Means of Ion Exchange Resin,	Toxiques, Contenues Dans Les Eaux D'egouts Municipaux, Sur Les Bacteries Escherichia Coli Et Pseudomonas Flourescens),
Pesticides, W74-04547 7-09 5C	W74-10021 7-19 5D	W74-11301 7-21 5C KOLARKAR, A. S.
PARMIC P B	KOH, C. Y.	Quality of Ground Water in Bikaner District of
KOENIG, E. R. Phytoplankton Successions and Lake Dynam-	Mathematical Model for Barged Ocean Disposal of Wastes,	Western Rajasthan,
ics in Las Vegas Bay, Lake Mead, Nevada, W74-07001 7-13 5C	W74-06837 7-13 5B	W74-13151 7-24 4B
W/4-0/001 /-13 3C	KOH, R. C. Y.	KOLATTUKUDY, P. E. Identification of Cutin, a Lipid Biopolymer, as
KOENIG, J. C. Enzyme and Tissue Alterations in Fishes: A	On the Breaking of Waves Arriving at an Angle to the Shore,	Significant Component of Sewage Sludge, W74-00072 7-01 5A
Measure of Water Quality,	W74-04217 7-08 2H	
W74-05540 7-11 5C	Wave Shoaling,	KOLBYE, A. C. JR. Food and Drug Administration Guidelines for
KOENINGS, J. P. Ionic State and Coordination of Iron in Bog	W74-00514 7-01 2E	Contaminants in Fishery Products, W74-12770 7-24 5G
Lakes,	Wave Shoaling, W74-04216 7-08 2E	
W74-06744 7-13 5C	W/4-04216 /-08 ZE	KOLESNICHENKO, V. T.
Organic Phosphorus Compounds of a Northern Michigan Bog, Bog-Lake System,	KOHL, R. A. Air Temperature and Vapor Pressure Changes	Moisture and Temperature Regimes in the Southern-Taiga Soils of Central Siberia and Habitat Conditions for Crops, (In Russian),
W74-06742 7-13 5C	Caused by Spinkler Irrigation, W74-08757 7-17 3F	W74-05373 7-10 3F
KOEPF, H. H.	Sprinkles Presinitation Gase Errors	KOLESNIKOV, A. S.
Organic Management Reduces Leaching of Nitrate,	Sprinkler Precipitation Gage Errors, W74-06593 7-13 3F	Effect of a Cinder Settling Tank of a Thermal Electric Power Plant on the Quality of Subsur-
W74-08773 7-17 5G	KOHLER, M. L.	face Waters, (In Russian), W74-02231 7-05 5B
KOEPPE, D. E.	Sedimentation and Scour Off Nuclear Power	
Drought-Affected Mitochondrial Processes as Related to Tissue and Whole Plant Responses,	Plants, W74-02645 7-05 2J	KOLJONEN, J. Mechanical Treatment of Pulp and Paper Mill
W74-04127 7-08 3F	KOHLMEIER, R.	Effluent, W74-12418 7-23 5D
KOERNER, R. M.	Digital Recording of Water Levels with the Aid of Acoustics and its Application to Hydrologi-	
Accumulation on the Devon Island Ice Cap, Northwest Territories, Canada,	cal Pumping Tests,	KOLKA, J. W. Investigation of a Northeastern Wisconsin
W74-04325 7-09 2C	W74-11495 7-22 7B	Lake Ecosystem: An Interdisciplinary Ap- proach. Phase II-Management Problems and
The Mass Balance of the Sea Ice of the Arctic	KOHN CORNEJO, F.	Alternatives,
Ocean,	Treatment for Clarifying White Water Coming from a Groundwood Pulp Mill (Tratamiento	W74-02662 7-06 6B
W74-01374 7-03 2C	para la clarificacion de agua blanca procedente de la fabricacion de pasta de madera),	KOLLAR, K. L. The Present and Future Market for Pollution
KOERPERICH, E. A. A Double-Electrode Method of Spontaneous	W74-05245 7-10 5D	Control Equipment,
Potential Logging, W74-03170 7-06 8G	KOIDE, M.	W74-05636 7-11 5G
W 74-03170 7-06 8G	History of Metal Pollution in Southern Califor- nia Coastal Zone,	KOLLBERG, S. Effects of Oil Dispersants and Oil Emulsions
KOGA, A. Geochemistry of the Waters Discharged From	W74-11130 7-21 5A	on Marine Animals, W74-06745 7-13 5C
Drillholes in the Otake and Hatchobaru Areas, W74-09024 7-17 2K	KOIKAWA, S. Basic Characteristics of Ozonizers and Evalua-	KOLMEL, R.
	tion of 'Mitsubishi Ozonizer',	A New Meiofauna Sampler for Quantitative
KOGAN, L. D. Investigation of Fall Velocity of Sediments in	W74-13412 7-24 5D	Sampling in Soft Bottoms, (Ein Neuer 'Meiofaunastecher' Zur Quantitativen
Mountain Streams, (Issledovaniye gidravlicheskoy krupnosti nanosov gornykh	KOIRTYOHANN, S. R.	Probennahme in Weichboden),
rek),	Critical Study of the APCD-MIBK Extraction System for Atomic Absorption,	W74-11313 7-21 7B
W74-02306 7-05 2J	W74-01329 7-03 5A	KOLOMYTS, E. G. Experience in a Quantitative Assessment of Or-
KOGAN, P. G.	KOIVISTO, E. E. H.	ganization of Snow Cover as a Natural System
Propelling Arrangement for Oil and Garbage Skimmer Craft,	Method and Apparatus for Distilling Freshwater from Seawater, W74-05901 7-11 3A	(Opyt kolichestvennoy otsenki organizatsii snezhnogo pokrova kak prirodnoy sistemy),
W74-11404 7-21 5G	W74-05901 7-11 3A	W74-02613 7-05 2C

Effect of Climatic and Phytocenotic Factors on Annual Increment of Trees in Stands, (In Rus-

7-15 2I

W74-01966

KOMIN, G. E.

sian), W74-08127

KOMLINE, T. R. SR.

7-02 3F

KOLOS, P. I.

Russian). W74-00981

KOMES, A.

W74-12714

Reclamation and Maintenance of Fertility of Major Soils in Thailand,

7-23 2G

KOLPACK, R. L.

The Dependence of Water Regimen of Palmette Type Apple Trees on the Watering Method, (In

7-04 5A

Remote Sensing of Water Pollution and Phytoplankton by Optical Methods (Distantsionnoye obnaruzheniye zagryazneniy vodnykh basseynov i fitoplanktona opticheskimi metodami),

Microbial Decomposition Patterns Using Crude	Process For The Treatment of Activated	NONDRATSOVA, U. F.
Oil, W74-08617 7-16 5B	Sludge,	Nature of Seven-Year Cycles in Long-Term Fluctuations of Volga Runoff (O prirode
W/4-0001/	W74-10486 7-20 5D	semiletney tsiklichnosti v mnogoletnikh
KOLYCHEV, B. S.	KOMORI, R.	kolebaniyakh stoka Volgi),
The Status of the Radioactive Waste Disposal	Brine Concentration by Electrodialysis, Phase	W74-01727 7-04 2E
Problem,	II,	
W74-02054 7-04 5B	W74-08501 7-16 3A	Quasi-Biennial Streamflow Variation in the
KOMAMURA, M.	WALLAND A	USSR,
The Relationships Between Soil Water and En-	KOMORI, S.	W74-13011 7-24 2A
gineering Properties of the Clayey Soils, (In	Response Characteristics of Underwater Wave Guide,	Quasi 2-year Variation in Runoff of USSR
Japanese),	W74-03677 7-07 8B	Rivers (Kvazidvukhletnyaya variatsiya v stoke
W74-07679 7-15 2G	117-03017	rek SSSR),
KOMAR, P. D.	KOMPASS, E. J.	W74-03834 7-08 2E
Continuity of Turbidity Current Flow and	Low-Cost Digital Data Acquisition Systems,	VANDUD I V
Systematic Variations in Deep-Sea Channel	W74-02980 7-06 7C	KONDUR, L. V. The Feeding of Carassius auratus gibelio Bloch.
Morphology,	POMIVAMA	From Kairakkum Reservoir, (In Russian),
W74-00348 7-01 2J	KOMUYAMA, Y. Investigation of Brewing Water Treatment,	W74-04109 7-08 2H
D 1	W74-07023 7-13 5A	7.00 211
Development and Erosion History of Bayocean	W/4-0/025 /-13 3A	The Feeding of Pelecus Cultratus L. in Kairak-
Spit, Tillamook, Oregon, W74-10618 7-20 2L	KONDAKOV, V. N.	kum Reservoir, (In Russian),
W/4-10016 /-20 ZL	The Influence of Clay Fraction on the Basic	W74-04695 7-09 2H
Longshore Transport of Sand,	Parameters of the Hydro-Transport of Fine	Feeding of the Fergana Bream (Abramis brama
W74-02706 7-06 2J	Free-Flowing Materials,	bergi Natio ferganensis Maksunov), (In Rus-
Observations and Applicate Person Trackid	W74-06914 7-13 8B	sian),
Observations and Analysis of Bottom Turbid Layers on the Oregon Continental Shelf,	PONDO PAORII	W74-02111 7-04 2H
W74-07632 7-15 2J	KONDO, KAORU An Epidemiological Study on Clonorchis sinen-	
W 74-07032 7-13 23	sis at the Northern part of Wakayama Prefec-	Nourishment of Rutilus rutilus aralensis
Observations of Beach Cusps at Mono Lake,	ture, Middle Japan, (In Japan),	morpha fragmiteti Berg. of the Kayrakkum
California,	W74-07540 7-14 5C	Water Reservoir, (In Russian),
W74-01961 7-04 2J	***************************************	W74-08663 7-16 2H
An Occurrence of 'Brick Pattern' Oscillatory	KONDO, R.	KONIKOW, L. F.
Ripple Marks at Mono Lake, California,	On Spent of Liquor Semichemical Pulping. Part	Modeling Flow and Chemical Quality Changes
W74-04064 7-08 2J	III. Toxicity Characteristics of SCP Spent	in an Irrigated Stream-Aquifer System,
	Liquor and Reduction of the Toxicity (In	W74-09883 7-19 5B
The Threshold of Sediment Movement Under	Japanese),	
Oscillatory Water Waves,	W74-09454 7-18 5C	KONISHI, K.
W74-04065 7-08 2J	KONDO, T.	Separation and Analysis of Mixtures of Ca-
KOMAREK, J.	Color of Pulp Industry Waste Liquors. III. The	tionic Surface-Active Agents by Salting-Out Chromatography,
Culture Collections. Appendix A,	Interaction of Chloro-Oxylignin with Metal	W74-05481 7-11 2K
W74-12588 7-23 5C	Salts (In Japanese),	711 211
	W74-04512 7-09 5D	KONONOV, M. S.
Notes on Isolation and Laboratory Culture. Ap-		Moisture Regime of Meadow Soils on the Oka
pendix B, W74-12589 7-23 5C	The Color of Waste Liquor from Pulp Industry.	River Flood Plain (Rezhim vlazhnosti poymen-
W74-12589 7-23 5C	IV. The Interaction of Cl(2)-Oxylignin with	nykh pochv okskikh lugov),
Prospects for Taxonomic Developments,	Metal Salts (2), (In Japanese), W74-12924 7-24 5D	W74-11204 7-21 2G
W74-12585 7-23 5C	W14-12524 1-24 3D	KONONOV, V. I.
	On Spent of Liquor Semichemical Pulping. Part	Geothermal Resources of the USSR and
KOMARKOVA, J.	III. Toxicity Characteristics of SCP Spent	Prospects for Their Practical Use,
The Changes in Several Parameters of Plankton Primary Productivity in Slapy Reservoir 1960-	Liquor and Reduction of the Toxicity (In	W74-08986 7-17 2F
1967, Their Mutual Correlations and Correla-	Japanese),	
tions with the Main Ecological Factors,	W74-09454 7-18 5C	KONOVALOV, G. S.
W74-05071 7-10 5C	KONDO, Y.	Microelement Content and Regime in Water
	Oil Recovery System,	and Suspended Solids in the Volga River Basin
KOMAROV, G. P.	W74-05886 7-11 5G	(Soderzhaniye i rezhim mikroelementov v vode i vo vzveshennykh veshchestvakh v basseyne r.
Method of Investigation of Nonlinear Filtration	7-11 30	Volgi).
Effects (O metodike issledovaniya nelineynykh	KONDON, S.	W74-03533 7-07 2K
fil'tratsionnykh effektov), W74-11016 7-21 7B	Device for Removing a Sludge from a Surface,	
1-21 /B	W74-13249 7-24 5D	Sodium/Potassium Ratio in Water of the Dor
KOMAROV, V. D.	COMPANIES V	River (Sootnosheniye natriya i kaliya v vode r.
Hydrological Forecasting and Water Manage-	KONDRAT'YEV, K. Y.	Dona),
ment (In Russian),	The Natural Medium and Space, W74-05544 7-11 7B	W74-03253 7-07 5B
W74-07768 7-15 4A	W74-05544 7-11 7B	KONOVALOV, S. M.

KONDRAT'YEV, K. YA.

ONDRATYEV, B. 14.
Remote Sensing of the Moisture Content of the Atmosphere and Underlying Surface,
W74-12982 7-24 7B

Structure of Oncorhynchus nerka (Walb.) Iso-

lated Population of the Azabachye Lake, (In

Russian).

W74-08548

KONOVALOV, S. M.

KONOVALOVA, N. I.
Storm Rainfall in the Black Sea Region as a

W74-02607 7-05 2

KONRAD, J. G.

Mercury Contents of Bottom Sediments from Wisconsin Rivers and Lakes, W74-06777 7-13 SB

KONSTANTINOV, A. R.

Methods of Calculation of Evaporation and Water Regime in the Root Zone of Soil on Watershed (Metody rascheta ispareniya i vodnogo rezhima korneobitayemogo sloya pochvy na vodosborakh),
W74-1027 7-19 2D

KONSTANTINOV, V. D.

Moisture Regime of Southern Chernozem Within Shelterbelts, (Rezhim vlazhnosti yuzhnogo chernozema v sisteme lesnykh polos), W74-02302 7-05 2G

KONSTANTINOV, V. K.

Draining and Reclamation of Swampy Forest Lands, (In Russian), W74-06439 7-12 4A

KONSTANTINOVA, L. G.

Biogenic Metamorphosis of Water in Lakes of the Amu-Dar'Ya Delta (O biogennoy metamorfizatsii vody v ozerakh del'ty Amudar'i), W74-03531 7-07 2H

KOO, R. C. J.

Irrigation of Citrus with Citrus Waste Water, W74-07603 7-15 5D

KOONCE, J. F.

Biological Investigations of Lake Wingra, W74-00833 7-02 5C

Multivariate Approaches to Algal Stratagems and Tactics in Systems Analysis of Phytoplank-

W74-06047 7-12 5C

Simulation of Urban Runoff, Nutrient Loading, and Biotic Response of a Shallow Eutrophic Lake,
W74-06564
7-13 5C

KOONTZ, W. A.

A Multi-Purpose Data Acquisition System for Instrumentation of the Nearshore Environment, W74-02688

KOOPS, H.

On the Composition of Mixed Fodder Rations for Trout in Net Cages, (In German), W74-07599 7-14 8I

KOOYOOMJIAN, K. J.

Perception of Water Quality by Select Respondent Groupings in Inland Water-Based Recreational Environments,
W74-12287 7-23 5G

KOPANEV, I. D.

Estimate of the Accuracy of Determination of Snow Cover Characteristics and Recommendations on the Rationalization of the Snow Measurement Network,
W74-05844
7-11 2C

KOPFLER, F

Trace Organic Contaminants in Drinking Water; Their Concentration by Reverse Osmosis. W74-10982 7-21 SF KOPFLER, F. C.

The Accumulation of Organic and Inorganic Mercury Compounds by the Eastern Oyster (Crassostrea virginica),

KOPP, E.

The Answer of the Soil Genetic Criteria to the Question of the Function and Durability of Ameliorating Sub-Soiling of Pseudogley, W74-12157 7-23 2G

KORANDA, J. J.

Environmental Aspects of Natural Gas Stimulation Experiments with Nuclear Devices, W74-05184 7-10 5B

Gamma-Emitting Radionuclides in Alaskan Environments 1967-1970, W74-05187 7-10 5B

Recent Measurements of Cesium-137 in Residence Time in Alaskan Vegetation,
W74-05188 7-10 5B

KOREN', V. I.

Determination of Geometric and Hydraulic Characteristics of a Stream Channel by Solution of Inverse Problems for Saint Venant Equations (Opredeleniye geometricheskikh i gidravlicheskikh kharakteristik rechnogo rusla putem resheniya o bratnykh zadach dlya uravneniy Sen-Venana), W74-08707 7-17 2E

KORENAGA, T.

The Solvent Extraction of the Ternary Complexes of Iron(II)-Rhodamine B With Various Nitrosophenols. Determination of Iron in Waters,
W74-00288 7-01 2K

KORENEVA, V. I.

Sodium/Potassium Ratio in Water of the Don River (Sootnosheniye natriya i kaliya v vode r. Dona), W74-03253 7-07 5B

KORENFOV, V. N.

Method for Biochemical Treatment of Industrial Waste Water, W74-00966 7-02 5D

KORENOVSKAYA, I. M.

Mineralization and Ionic Composition of Ice in Some Water Bodies of the Northern Caucasus (O rezhime mineralizatsii i ionnogo sostava l'da nekotorykh vodoyemov Severnogo Kavkaza), W74-03529 7-07 2K

KORENYUK, L. V.

Experience with the Operation of Purification Equipment, (Opyt ekspluatatsii ochistnykh sooruzhenii), W74-02272 7-05 5D

KORHONEN, J.

Analyses of Paper Machine Waters with Ion-Specific Electrodes. Part I. Effect of pH and Ionic Strength of Solution on Calcium, Cupric, Chloride, Sodium, and Nitrate Ion Specific Electrodes.

W74-11093 7-21 5.

Analyses of Paper Machine Waters with Ion-Specific Electrodes, Part II. Calcium, Cupric, Chloride, Sodium and Nitrate Ion Specific Electrode Potentials at Various Temperatures and in Composite Solutions, W74-11094 7-21 5A KORIAT, R.

The Use of Mineral Fertilizers in Irrigation with Pure Water, Sewage and Liquid Manure, (In Russian), W74-05371 7-10 3F

KORKIN, A. M.

The Efficacy of Using Activated Carbon for Final Purification of Drinking Water, (in Russian), W74-10599

KORKISCH, J.

Anionic Exchange Separations of the Elements that can be Extracted with Tributyl Phosphate. II. (Anionenaustauschtrennungen der mit Tributylphosphat extrahierbaren Elemente. II), W74-02432 7-05 2K

Determination of Small Amounts of Uranium After Concentrating Through Extraction and Anionic Exchange in a Solvent Agent System Containing Tri-N-Octylphosphine Oxide. (Bestimmung geringer Uranmengen nach Konzentrierun g durch Extraktion und Anionenaustausch in einem tri-n-octylphoshinoxidhaltigen Losungsmittelsystem), W74-02434 7-05 5A

Determination of Uranium in Natural Waters After Anion-Exchange Separation, W74-13416 7-24 5A

KORNBERG, H. A.

Food Chains in Fresh Water, W74-12050 7-23 5C

KORNEGAY, B. H.

Georgia's Water Problems and Related Research Needs, W74-00004 7-01 6B

KORNICKER, L. S.

Cypretta kawatai, A New Species of Freshwater Ostracoda (Crustacea), W74-05454 7-11 5G

KORNITZ, D.

Hydrometric Stations in Arid Zones, W74-11496 7-22 7B

Manual and Automatic Evaluation of Hydrometric Data in Israel, W74-11565 7-22 7C

KORNIYENKO, YE. YE.

Procedure for Evaluating the Effect of Convective Cloud Modification for the Purpose of Artificially Controlling Precipitation and the Results of Aircraft Studies on the Structure of Cumulus Clouds,
W74-09378
7-18 3B

KORNS, R. F.

Mercury Concentrations in Human Tissues Among Heavy Fish Eaters, W74-06812 7-13 5B

KOROLEV, A. A.

Comparative Evaluation of the Efficacy of Ozonization and Other Means of Treating Water Containminated With Oil Products (In Russian),
W74-01580 7-03 5F

Ozonization as a Method of Purifying Water Polluted with Chemical Composition, (In Russian), W74-04836 7-09 5D

Spring Runoff From Hillslopes, Small Watersheds, and River Basins (Vesenniy stok so sklonov, malykh vodosborov, rechnykh bassevnov).

W74-04577 7-09 2F

KOROSTELEVA, G. D.

Loss of Nitrogen from Various Nitrogen Fertilizers on Irrigated Land. 7-06 3F W74-02936

KOROVIN. I. K.

Calculations for Displacement-Type Aeration Tanks (Raschet aerotenkov-vytesnitelei), W74-13427 7-24 SD

KORSH, L. E.

Sanitary-Microbiological Investigations Preventing Infections of Bacterial and Viral Etiology, (In Russian), W74-08692 7-16 5C

KORSHUNOV, I. A.

Determination of Phenols in Effluents by Voltammetry (Opredelenie fenolov v stokakh vol'tamperometricheskim metodom), 7-24 5A

KORT. V. G.

Dynamic Structure of the Region of the Antilles-Guyana Countercurrent (Dinamicheskaya struktura rayona Antilo-Gvianskogo protivotecheniya). W74-09938 7-19 2E

KORTSENSHTEYN, V. N.

Distribution of Arsenic in Deep Groundwater of The Middle Caspian Artesian Basin (K voprosu o raspredelenii mysh'yaka v glubokikh podzemnykh vodakh Srednekaspiyskogo artezianskogo basseyna), W74-10379 7-20 5B

KORZUN, V. I.

Problem of Rational Use and Conservation of Water Resources and Goals of Hydrology (Problema ratsional'nogo ispol'zovaniya i okhrany vodnykh resursov i zadachi gidrologii),

Scientific Principles of Water Legislation (Nauchnyye osnovy vodnogo zakonodatel'stva), W74-01968 7-04 6E

KOS, D. E.

Water Supply Improvement Project, W74-09542 7-18 5B

Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey),

KOSARIC N.

Some Nutritional Characteristics of Spirulina maxima Algae Grown in Effluents from Biological Treatment Plant, W74-11872 7-22 SC

KOSE, M.

Deodorization with Ozone, W74-13413 7-24 SD

KOSHELEVA, V. V.

Accumulation of Radioactive Isotopes by the Developing Eggs of the Atlantic Salmon, W74-02060 7-04 5C Change in Peripheral Blood in the Embryos and Larvae of Atlantic Salmon Under the Influence of Radioactive Contamination of the Water and X-Ravs

W74-02066 7-04 SC

Investigation of the Dynamics of the Moisture State of the Soil Under Several Years of Forage Crops and Under Sainfoin, (In Czech), 7-08 3F

KOSKE, P. H.

Investigations on the Influence of Tides on Salinity, Content of Suspended Matter, Sedimentation and Bacteria Counts in the Elbe Estuary, (Untersuchungen Uber Die Einwirkung Der Tide Auf Salzgehalt, Schwebstoffgehalt, Sedimentation Und Bakteriengehalt in Der unterelbe), W74-01175 7-03 21.

KOSONEN, P. E.

Apparatus for Processing Water, W74-09190

KOSOWSKI, N.

Fourth Report on Horizontal-Tube Multiple-Effect (HTME) Process Pilot Plant Test Program, 7-22 3A W74-11633

KOSOWSKI, Z. V.

Control of Mine Drainage from Coal Mine Mineral Wastes: Phase II. Pollution Abatement and Monitoring, W74-08661 7-16 5G

KOSTIAL, K.

Reduction of Lead Absorption from the Intestine in Newborn Rats. W74-07953 7-15 SC

KOSTIKOVA, L. E.

The Intensity of the Filamentous Algal Photosynthetic Activity in the Flood Plain Lake Nizhnii Ustup and Middle Dnieper, (In Russian), W74-11157 7-21 SC

KOTALIK, T. A.

Chemical and Biological Quality of Sewage Effluents. W74-12870 7-24 5D

KOTHANDARAMAN, V.

A Case Study of Chlorine Contact Tank Inadequacies. W74-09494 7-18 SD

Design and Performance of Chlorine Contact Tanks. W74-10035 7-19 5D

Water Quality Characteristics of Storm Sewer Discharges and Combined Sewer Overflows, W74-02345 7-05 5B

KOTLOVSKAYA, F. I.

Origin of Clay Minerals in Holocene Bottom Sediments of the Sea of Azov (O proiskhozhdenii glinistykh mineralov sovremennykh donnykh osadkov Azovskogo morya), W74-10262

KOTLYAKOV, V. M.

Fifth All-Union Symposium on Glaciology (O pyatom obshchesoyuznom glyatsiologicheskom simpoziume), W74-03260 7-07 2C

Problems in Hydrology of Glaciers and Glacierized Areas (Problemy gidrologii lednikov i lednikovykh ravonov). 7-03 20

KOTOV. M. I.

Effect of the Desna River Flood on Development of Vegetation and Flora of the Oster Outskirts (Ukranian) W74-01362 7-03 21

KOTREKHOV, YE. P.
Experimental Hydrodynamic Calculation of Aperiodic Water-Level Fluctuations in Estua-W74-00114 7-01 21.

KOTTEGODA, N. T.

Effect of Skewness in Three Stochastic Pentad River Flow Models on Crossing Properties of Synthesized Data, W74-09909 7-19 2E

KOTTLOWSKI, F. E.

7-17 5D

Initial Evaluation of the Geologic Applications of ERTS-1 Imagery for New Mexico, 7-13 4A W74-06693

KOUDSTAAL-HOL, C. H. M.

Mercury-Selenium Correlations in Marine Mammals. W74-03603 7-07 SC

KOUTSOFTAS, D.

Equipment For Measuring The Water Permeability as a Function of Degree of Saturation For Frost Susceptible Soils. W74-10657 7-20 2G

KOUTZ, F. R.

Microbial Degradation of Petroleum in Continental Shelf Sediments, W74-05153 7-10 5B

KOUWEN, N.

Watershed Modelling Using a Square Grid Technique, W74-12105 7-23 2A

KOVAC I

Isolation and Cleanup of Organophosphorus Insecticides and Their Oxones from Animal Tissues. W74-02403 7-05 5A

KOVACEVIC-TATIC, R.

Contribution to the Study of the Action of Water-Soluble and Citrate-Soluble Phosphoric Under Acids Different Moisture Conditions, (In Serbo-Croation), W74-06315 7-12 3C

KOVACH, I.

Metathion--A New Low-Toxicity Organophosphorus Insecticide, W74-01796 7-04 5B

Data on Morphological and Physical Characteristics of Sea Ice in the Beaufort Sea, W74-06721

Investigations Performed on the Arctic Ice Dynamics Joint Experiment, March 1971, W74-06716 7-13 20

Mesoscale Strain Measurements on the Beaufort Sea Pack Ice, W74-06717 7-13 2C

Structure of a Multiyear Pressure Ridge, W74-06718 7-13 2C

KOVACS, A.		
Top and Bottom Roughness of a Multiyear Ice	opredeleniya vlazhnosti razryva kapillyarnoy	KOZICH, R. F.
Floe,	svyazi),	Clarification of White Water by Vacuum Filtra-
W74-06719 7-13 2C	W74-11014 7-21 2G	tion (Klaerung von Weisswasser durch
KOVACS-LANG, E.	KOVZEL', A. G.	Vakuum-Filtration), W74-12415 7-23 5D
Changes of Soil Humidity and Its Correlation	International Cooperation of Hydrologists	W 74-12415 7-25 3D
to Phytomass Production in Sandy Meadow As-	(Mezhdunarodnoye sotrudnichestvo	KOZLOV, V. I.
sociations,	gidrologov),	Effect of Water Salinity on the Incidence of
W74-05949 7-11 2G	W74-08047 7-15 7A	Posthodiplostomum Infection in Fish, (In Rus-
VOV.407. 4		sian),
A Novel Device for Improved Air and Liquid	KOWAL, J.	W74-10938 7-21 5C
Mixing (Ujtipusu Keszulek Folyadekok Erint-	Effect of an Exceptional Storm on Soil Conser-	KOZLOVA, E. V.
keztetesere es Keveresere Levegovel),	vation at Samaru, Nigeria, W74-05340 7-10 2J	Some Characteristics of Fluoride Migration in
W74-11116 7-21 5D	W 74-03340 7-10 23	Groundwater of Moldavia (O nekotorykh
	KOWALCZEWSKI, A.	osobennostyakh migratsii ftora v podzemnykh
KOVAL'SKIY, L. B.	Field Experiment on the Factors Controlling	vodakh Moldavii), W74-05016 7-10 2K
Estimation and Mapping of Rates of Exchange of Fresh Groundwater in the Baltic Artesian	Primary Production of the Lake Plankton and	W /4-03010 /-10 2K
Basin (Otsenka i kartirovaniye tempov vodoob-	Periphyton,	KOZLOVA, I. V.
mena presnykh podzemnykh vod (na primere	W74-05056 7-10 5C	Experiment in Computing the Total Production
Pribaltiyskogo artezianskogo basseyna)),	Primary Production and Respiration of the	of Zooplankton Using Ural Lakes as an Exam-
W74-08705 7-17 2F	Phytoplankton of the Rivers Thames and Ken-	ple (In Russian),
POWATENEO V B	net at Reading.	W74-04120 7-08 2H
KOVALENKO, V. P.	W74-08132 7-15 5C	Plankton of the 'Ozero Ayatskoye' Reservoir
Filtration Mechanisms During the Removal of Contaminants from Nitric Acid,		as Fodder Base for Coregoniid Fish, (In Rus-
W74-10281 7-19 5D	KOWALENKO, C. G.	sian),
	Determination of Nitrates in Soil Extracts,	W74-06247 7-12 2H
KOVALEV, A. V.	W74-07443 7-14 2G	KOZLOWSKI, M. E.
Survival of Some Pelagic Copepods of the	KOWALSKI, J.	Do-Sag in Oscillating Flow,
Black and Mediterranean Seas in Water of Dif-	The Influence of an Industrial Plant on the	W74-11897 7-22 5B
ferent Salinity, (Vyzhivanie nekotorykh pelagicheskikh kopepod Chernogo i Vredizem-	Chemistry of Quaternary Waters in its Vicinity.	
nogo morei v vode razlichnoi solenosti),	Upper Odra River Valley, (In Polish),	KOZMA, E. V.
W74-08725 7-17 5C	W74-00266 7-01 5A	Hydrobiological Investigations in the Danube
71. 30	NOW LEAVE W	Section Enclosed Between the 1965 and 1956 River Km (Nagymaros-Megyer Section)
KOVALEVA, E. A.	KOWALSKI, W. Batrachospermum Vagum Ag. in the Szczecin	(Danubialia Hungarica LVII),
The Efficacy of Using Activated Carbon for	Pomerania, A Locality New to Poland, (In	W74-12731 7-23 2K
Final Purification of Drinking Water, (in Rus-	Polish),	
sian), W74-10599 7-20 5F	W74-01219 7-03 2H	KRAEVOI, S. YA.
W 74-10399		Ecological and Physiological Principles of Pro- tective Afforestation in Semideserts, (In Rus-
KOVALEVSKIY, V. S.	KOWBLANSKY, M.	sian),
Long-Term Trends in Groundwater Level Fluc-	Gas-Solid Chromatography on Macroreticular	W74-05945 7-11 4A
tuations (Mnogoletniye tendentsii v	Cation Exchange Resins,	
kolebaniyakh urovney poszemnykh vod),	W74-01495 7-03 5A	KRAFT, A. A.
W74-07191 7-14 2F	KOWN, B. T.	Oxidation-Reduction Potential and Growth of
Natural Long-Period Groundwater Level Fluc-	A Promising Approach to Solving a Stream Pol-	Salmonella and Pseudomonas Fluorescens, W74-06134 7-12 5C
tuation,	lution Problem,	W /4-00134 /-12 3C
W74-12327 7-23 2F	W74-00164 7-01 5D	KRAFT, J.
Data of I are Town Mature) Physical of		A Procedure for Short-Term Bioassay Tests on
Patterns of Long-Term Natural Fluctuations of Groundwater Levels (Zakonomernosti	KOWOBARI, T. S.	Industrial Effluents of Low Oxygen Content,
mnogoletnikh vestestvennykh kolebaniy urov-	Effect of Roughness Elements on Hydraulic	W74-02961 7-06 5C
ney podzemnykh vod),	Resistance for Overland Flow, W74-06594 7-13 8B	KRAFT, J. C.
W74-00846 7-02 2F	W /4-06394 /-13 8B	Holocene Sedimentary Environment of The At-
	KOWSMANN, R. O.	lantic Inner Shelf Off Delaware,
KOVALYUKH, N. N.	Biogenic sediments of the Panama Basin,	W74-10669 7-20 2J
Raiocarbon in Glacial Water of The El'brus Re-	W74-01878 7-04 2J	*****
gion (Radiouglerod v lednikovoy vode Priel'brus'ya),		KRAFT, J. M. Occurrence of Phytophthora Root Rot of Alfal-
W74-10380 7-20 2K	Coarse Components in Surface Sediments of	fa in Washington,
7 20 21	the Panama Basin, Eastern Equatorial Pacific,	W74-02080 7-04 3F
KOVBA, V. A.	W74-01877 7-04 2J	
Reduction of Waste Water Pollution in Paper-	KOZA, T. A.	KRAGTEN, J.
board Mills (Snizhenie zagryazneniya	Water Quality Maintenance,	Selection of Experimental Conditions for the
stochnykhvod na kartonnykh fabrikakh), W74-12961 7-24 5D	W74-06330 7-12 5G	Photometric Complex Formation Titrations of Metals in the PPM-Range,
W/4-12901 /-24 3D		W74-02404 7-05 5A
KOVNER, J. L.	KOZACHENKO, R. YA.	1-03 3A
Sampling Requirements for Areal Water	The Effect of Mineral Waters of the Kvasy Spa	KRAIMAN, R. S.
Equivalent Estimates in Forested Subalpine	on Some Indices of Cholesterol and Sialic Acid	Recycling Fine-Paper Mill Effluent by Means
Watersheds,	Metabolism, (In Russian), W74-08686 7-16 5C	of Pressure Filtration,
W74-00675 7-02 3B	1-10 JC	W74-00784 7-02 5D

Waterhead Forecast Possibilities on Hydraulic

7-20 4A

KRAINOV, S. R.

currence

Arsenic-Containing Carbonated Waters, Occur-rence Peculiarities, Chemical Composition, Oc-

Conditions

KOZAK, M.

Basis, W74-10453

KOVTUN, A. P.

An Improved Field Method for Determination of Discontinuous Capillary Moisture (Usovershenstvovannyy polevoy metod

Kavkoza (osob khimicheskiy sost	nashchiye uglekislye vody bennosti rasprostraneniya av, usloviya formirovaniya)),	Infection of Fish with Opisthorch Water Bodies of the Voronezh Re		KRAVCHUK, YU. P. Deepsoil Studies of Oak Root Sys Age Plantations, (In Russian),		
W74-10884	7-20 2K	sian), W74-13396	7-24 5C	W74-01085	7-02	21
KRAJICEK, F.		W /4-13396	1-24 SC	KRAVKINA, I. M.		
Effect of Differe Grass Species U Production and t	nt Levels of N-Nutrition of pon their Persistency, Hay the Content of N-Matter of	Effect of the Presence of Dete	ndane in the	Overgrowth of Ooze Iron-Mangane ganisms Studied by Electron Mici Russian),		, (In
W74-11108	p Sites, (In Czech), 7-21 20		ats, (In Rus-	W74-04558	7-09	3A
		W74-13372	7-24 5C	KRCMAR, B.		
KRALEV, N.	epth of Basic Tillage and Soi	KRASNICK, G.		Geothermal Exploration of Hot Wa		
	laize Grown Under Irrigation		trient-Limited	in the Carpathians of Yugo Czechoslovakia,	SIZVIZ	and
(In Bulgarian),	talle Grown Chaer Miganon	Tropical Estuary,		W74-08983	7-17	2F
W74-04828	7-09 31		7-11 5C			
PRAMER C P		VDACNOCHCHEV C B		Geothermal Prospecting in Shallov	v Holes	and
KRAMER, G. R.	tion Coefficients for Pollute	KRASNOSHCHEK, G. P. New Cases of Massive Developm	ent of Prum.	Its Limitations,	2.12	45
Estuary,	don coefficients for Fondie	nesium Parvum Cart, (In Russian)		W74-09001	7-17	21
W74-08307	7-16 51		7-24 5C	KREHER, H. J.		
				Operational Problems of Poultry	Produc	ction
KRAMER, J. R.		KRASNOSHCHEKOV, V. V.		Related to Environmental Quality,		
	lysis of Water, Biomass, and			W74-09689	7-18	5D
Sediment, W74-01800	7-04 50	Water-Containing Human Wastes W74-05252	7-10 5D	Papie B B		
W 74-01000	7-04 30	W 14-03232	7-10 30	KREIS, R. D. Beef Cattle Feedlot Site Selection	for Envi	iron.
KRAMER, P. J.		KRASNOVSKAYA, L. I.		mental Protection,	IOI EMVI	HOH-
	es and Water Stress in Maiz			W74-08156	7-16	5G
	eaves During Drought an		persal of Su-			
Recovery, W74-11191	7-21 2	percooled Clouds, W74-10234	7-19 3B	KREISSL, J. F.		
W /4-11191	7-21 2	W /4-10234	/-19 3B	Waste Treatment for Small Flows,	700	10
KRAMER, R. E.		KRATCHMAN, J.		W74-02723	7-06	30
A Survey of DD	T Residues in Fish from th		ral Resource	KREJCI, W.		
	asota Rivers and Somervill			Problems of Animal Waste Manag	gement f	from
Reservoir,		W74-02786	7-06 6E	the Livestock Feeder Viewpoint,		
W74-00531	7-01 50	KRATKY, B. A.		W74-00134	7-01	5G
Two Studies of Po	esticide Residues,	Volcanic Air Pollution: Deleterio	us Effects on	KREMEN, S. S.		
W74-00529	7-01 5			Control of Fouling of Reverse Os	mosis N	dem-
VDAMED D II		W74-07430	7-14 5C	branes When Operating on Pollu		
KRAMER, R. H.	ery Water Reuse on Rainboy	KRATZ, A.		Waters,		
Trout Metabolism		Method of and Apparatus for th	e Purification	W74-01908	7-04	3A
W74-11943	7-22 5			Development of Second Gener	ation S	niral
		W74-07199	7-14 5D	Membrane Reverse Osmosis Eleme		puai
KRAMER, R. W. Mill Creek Fish P	Passage Engility	KRATZL, K.		W74-01910		3A
W74-00351	7-01 8		curring in Ox-			
11 14 00331		idations of Lignin with Molecul		Further Developments of Water		
KRAMON, J. M.		Alkaline Media,		Systems Based on Large S Reverse Osmosis Membrane Eleme		ound
	Rivers and Harbors Act: Th		7-16 5B	W74-01937		3A
Marshes,	New Protection for Tide	KRAUS, K. A.		********		334
W74-10066	7-19 6		t of Aqueous	Interaction of Feedwater Colloids		Sur-
		Suspensions,		face of Reverse Osmosis Membran		**
KRANCK, K.		W74-05690	7-11 5D	W74-01925	7-04	5D
	Suspended Sediment in th			Reverse Osmosis Membrane Filt	ers for	Sea-
Sea, W74-05441	7-11 5	Water Desalting, W74-10284	7-19 5E	water Pretreatment,		
W /4-03441	7-11 3	4 /4-10204	1-17 32	W74-08334	7-16	3A
KRAPIVIN, V. F.		KRAUS, M.		KREMER, L. J.		
	neralized Mathematical Mod			Bassett Creek Watershed Model,		
'Predator-Sacrific W74-04092	ce, (In Russian), 7-08	Polymers on Their Drag Redu I teristics,	cuon Charac-	W74-12285	7-23	2A
₩ /4-04092	7-00	W74-10427	7-20 8B			
KRAPOHL, R. F.				KREMLING, K.	D	
	ater Particle Motion Measure		at a Delless of	APDC-MIBK Extraction System f mination of Copper and Iron in 1 C		
ments, W74-01285	7-03 2	Viral Quality Monitoring in Aquatic Environment.	the Polluted	Water by Flameless Atomic-Abso		
W /4-01263	7-03 2	W74-10963	7-21 5B	trometry,		
KRASE, J. M.		***************************************		W74-11078	7-21	5A
	e Nuclear Gas Turbine wit			Relation Between Chlorinity and C	'andus.	nenct.
Economical Dry		A Recording Meter for Measurin	the Overland	ric Salinity in Black Sea Water,	Junucto	met-
W74-04230	7-08 5	Flow, W74-11530	7-22 7B	W74-12378	7-23	2K
KRASHNIKOV, A.	F.	W /4-11330	7-24 / D			
Surface-Groundy	vater Relationships in Centr			KREMNJOV, O. A.		
Mongolia (Vzair	mosvyaz' poverkhnostnykh	i Benthic Macroalgae of the Maryl	and Portion of	Technical-Economic Estimation of Resources.	Geothe	ermal
W74-05561	v Tsentral'noy Mongolii), 7-11 2	the Chesapeake Bay, W74-00897	7-02 2L	W74-09044	7-17	6B
	/-11 2					-

KRENKEL, P. A.

KRENKEL, P. A. Mercury: Environmental Considerations, Part	KRIL', S. I. Degree of Local Saturation of a Flow by	(Napravleniya i zadachi issledovaniya mnogoletnikh kolebaniy rechnogo stoka), W74-08051 7-15 2E
I, W74-00292 7-01 5C	Suspended Matter and Its Relation to the Volume Concentration,	
Some Effects of Wastes on Natural Waters,	W74-06913 7-13 8B	KRIVENKO, YU. N. Distribution of Average Longitudinal Velocities
W74-03793 7-08 5B	KRINSLEY, D. H.	in Flows with Coarse-Grained Materials,
Car the end I are of Mathylmorousy	A Scanning Electron Microscope Study of Sur-	W74-06915 7-13 8B
Studies on Uptake and Loss of Methylmercury- 203 by Bluegills (Lepomis macrochirus Raf.),	face Textures of Quartz Grains from Glacial	Energy Losses in a Two-Phase Flow Contain-
W74-03839 7-08 5C	Environments, W74-07331 7-14 2J	ing Coarse-Grain Material,
KRESKE, W. J.		W74-06916 7-13 8E
Speed Up Water Plants,	KRISHNA, SHRI	KRIVOKOBYL'SKII, I. M.
W74-09488 7-18 5D	Correlations Between P, Fe and Mn Availabili- ty in Water-Logged Soil at Different Fertility	Experimental Establishment of Forest Planta
KRESL, M.	Levels,	tions on Sands, in Accordance with the Idea of G. N. Vysotskii (In Russian),
Terrestrial Heat Flow in the Territory of	W74-08134 7-15 2G	W74-01569 7-03 2
Czechoslavakia and the Measurement of Ther- mal Conductivity with Fully-Automatic Ap-	KRISHNAMURTHY, K.	KRIVOPALOVA, Z. F.
paratus,	Nucleonic Sediment Concentration Gauge -	Ion Load and Carbonate Equilibrium in the
W74-09004 7-17 4B	Comparison of Transmission and Scattering	Troitsk Reservoir (Akkumulyatsiya ionnogo
KREUSCH, E.	Modes, W74-04774 7-09 2J	stoka i karbonatnoye ravnovesiye v Troitskon
Field Testing of Improved Ion Exchange		vodokhranilishche), W74-03532 7-07 2F
Techniques,	Studies on Phytoplankton Pigments in Porto	W 14-03332 1-07 21
W74-11826 7-22 3A	Novo Waters (India). II. Backwater, W74-12669 7-23 5C	KRIVOSHEY, M. I. Statistical and Spectrum Analyses of Wine
Industrial Water Softener Waste Brine Recla-	EDIOUS AND DESCRIPTION D	Waves on the Kayrakkum Reservoi
mation, W74-08941 7-17 5D	KRISHNAMURTHY, R. Colorimetric Method for the Determination of	(Statisticheskiy i spektral'nyy analiz
W /4-08941 /-1/ 3D	Arsenic (III) in Aquatic Environment,	vetrovogo volneniya na Kayrakkumskon
KREUSCH, E. G.	W74-10984 7-21 5A	vodokhranilishche), W74-09110 7-17 2F
Iodine Treated Activated Carbon and Process of Treating Contaminated Water Therewith,	VDICHNAN B	
W74-03651 7-07 5D	KRISHNAN, P. System Optimization for Pulp and Paper Indus-	KRIZ, G. J.
	trial Wastewater Treatment Design,	Application of Monte Carlo Method to Soi Water Movement,
KRIEBEL, A. R. Calculation of a Solitary Wave Shoaling on a	W74-08418 7-16 5D	W74-06599 7-13 20
Shallow Slope,	KRISHNAN, S. S.	Company Dellusion has Aminuture
W74-03115 7-06 8B	Brain Aluminum Distribution in Alzheimer's	Groundwater Pollution by Agriculture, W74-09595 7-18 51
Development of a Floating Oil Slick Detector.	Disease and Experimental Neurofibrillary	
W74-13171 7-24 5A	Degeneration,	Physical Effects of Maintaining Drainage Chan nels in North Carolina's Coastal Area,
W P M I .l. T 1065 A S	W74-09579 7-18 5C	W74-04075 7-08 21
Wave Runup, Mono Lake Tests, 1965: A Sum- mary of Theoretical Prediction Methods and	KRISHNAPPAN, B. G.	
Some Comparisons with Experimental Data,	A Computer Simulation of the Motion of a Solid Particle in a Turbulent Flow with Free	KRIZ, H. Processing of Results of Observations of
W74-03113 7-06 2H	Solid Particle in a Turbulent Flow with Free Surface,	Spring Discharge,
KRIEG, N. R.	W74-12106 7-23 8B	W74-00096 7-01 21
Bacterial Flagellar Uncoordination as a Moni-	PRIOTINA CHIA MATE C	KRIZ, J.
tor for Industrial Pollutants,	KRISHNASWAMI, S. Geochronological Studies in Santa Barbara	Water Management Using Subsurface Drains,
W74-00438 7-01 5B	Basin: Fe-55 as a Unique Tracer for Particulate	W74-01717 7-04 3
KRIEGER, H. L.	Settling,	KRIZEK, R. J.
Tritium Releases from Nuclear Power Stations,	W74-02722 7-06 2J	Comparison of Dispersion Characteristics i
W74-02017 7-04 5B	Th-234/U-238 Activity Ratios in Pacific Ocean	Fissured Rock,
KRIEGER-WOLFF, E. AND	Bottom Waters,	W74-12857 7-24 51
Chironomidae (Diptera) from the Area of Freiburg in Breisgau (with Special Considera-	W74-07322 7-14 2K	Consolidation Characteristics of Dredging Slut
tion of the Genus Chironomus), (In German),	KRISTIANSEN, O. E.	ries,
W74-04678 7-09 2H	The Effect of Pulp and Paper Mill Effluents on	W74-03847 7-08 5
KRIER, J. E.	Taste and Odour of the Receiving Water and	Unsteady Drawdown at a Partially Penetratin
Resource Allocation, Information Cost and the	the Fish Therein, W74-03085 7-06 5B	Well in a Transversely Isotropic Artesia
Form of Government Intervention,	W 14-03003	Aquifer, W74-02466 7-05 4
W74-03485 7-07 5G	KRISTOF, S. J.	
KRIGMAN, A.	Identification and Mapping of Soils, Vegeta- tion, and Water Resources of Lynn County,	Unsteady Flow to Bottom Drain in Bounde
Guide to Selecting Digital Multiplexers,	Texas by Computer Analysis of ERTS MSS	Aquifer, W74-08926 7-17 2
W74-02983 7-06 7C	Data,	
Guide to Selecting Graphic Displays,	W74-01689 7-04 3F	KROGER, R. L.
W74-01519 7-03 7B	KRITIKOS, H.	Occurrence of the Parasitic Branchiuran, Argulus alosae, On Dying Atlantic Menhade
Guide to Selecting Programmable DC Power	Suspended Solids Analysis Using ERTS-A	Brevoortia tyrannus, In the Connecticut River
Supplies,	Data,	W74-05526 7-11 5
W74-03863 7-08 7C	W74-08301 7-16 2J	VDOCMANN D. W

KRITSKIY, S. N.
Trends and Problems in Investigation of Long-Term Fluctuations of River Runoff KROGMANN, D. W.
Photosynthetic Reactions and Components of Thylakoids,
W74-12566 7-23 5C

KRIKORIAN, A. D. Stomatal Mechanics, W74-07593

7-14 2I

KROLL, C. G.	KRUG, H. AND	KRUTILLA, J.
Sediment Discharge in the Lake Tahoe Basin,	Influence of Soil Moisture Conditions on	Standards and Criteria for Formulating and
California, 1972 Water Year,	Growth and Development of the Potato	Evaluating Federal Water Resources Develop-
W74-07326 7-14 2J	Solanum tuberosum L.,	ments,
KROMANN, R. P.	W74-04687 7-09 3F	W74-01845 7-04 6B
A Model of a Nutritional Ecosystem to Con-	KRUGER, P.	KRUTILLA, J. V.
serve Nutrients for Man,	Stimulation Modes of Geothermal Aquifers,	The Columbia River Treatry: The Economics
W74-05704 7-11 5B	W74-02876 7-06 4B	of an International River Basin Development,
11700101	W /4-028/6 /-U6 4B	W74-05585 7-11 6E
KRONE, R.	KRUGLOVA, V. M.	
Practical Experience with Devices to Measure	Results of Acclimatization of Corophium	KRUTSKIKH, B. A.
O2 Content, Turbidity, Solid Matter Content	sowinskyi (Mart.) in the Veselovsk Reservoir,	Determination of the Duration of Natura
and Electrical Conductivity Used for Monitor-	(In Russian),	Hydrologic Periods,
ing Water Quality in Rivers,	W74-04099 7-08 2H	W74-00113 7-01 2C
W74-11548 7-22 5A	7 00 211	KRYLOV, A. YA.
KRONE, R. B.	KRULICK, S.	Helium Isotopes in Ocean Sediments (Izotopy
Borehole Recharge: The Compatability of	Reverse Osmosis: Application to Potato-Starch	geliya v osadkakh okeanov),
Recharge Water With the Aquifer,	Factory Waste Effluents,	W74-06307 7-12 2
W74-03822 7-08 4B	W74-09637 7-18 5D	7712 2
W 14-03022 7-06 4B		KRYLOV, Y. M.
KRONFELD, J.	KRULL, J. D.	On the Angular Energy Spectrum of Wind
Hydrologic Investigations of the Groundwaters	Long-Term Lake Recovery Related to Availa-	Waves,
of Central Texas Using U-234/U-238 Dis-	ble Phosphorus,	W74-00505 7-01 2E
equilibrium,	W74-06562 7-13 5C	
W74-11465 7-22 2F		KRYLOV, YU. M.
	KRUMHOLZ, L. A.	Systems of a Wind-Wave Field (Sistemy polys
KROON, C. C. M.	A Detailed Investigation of the Sociological,	vetrovykh voln),
The Toxicity of Some Detergents Tested on	Economic, and Ecological Aspects of Proposed	W74-10258 7-19 2E
Aedes Aegypti L., Lebistes Reticulatus Peters,	Reservoir Sites in the Salt River Basin of Ken-	KRYLOVA, N. V.
and Biomphalaria Glabrata (Say),	tucky,	Disposal of Radioactive Wastes,
W74-13481 7-24 5C	W74-04310 7-09 2A	W74-04445 7-09 5I
KROONTJE, W.	KRUMM, H.	
Effect of Detergent Application on the Growth	Investigations on the Influence of Tides on	KRYLOVA, Z. A.
of corn,	Salinity, Content of Suspended Matter, Sedi-	Spring Runoff From Hillslopes, Small
W74-01057 7-02 3C	mentation and Bacteria Counts in the Elbe	Watersheds, and River Basins (Vesenniy stol
	Estuary, (Untersuchungen Uber Die Einwir-	so sklonov, malykh vodosborov, rechnykh bas
Effect of Detergent-Laden Water on the	kung Der Tide Auf Salzgehalt, Schwebstoff-	seynov),
Growth of Corn,	gehalt, Sedimentation Und Bakteriengehalt in	W74-04577 7-09 21
W74-09256 7-18 3C	Der unterelbe),	PRVICHPOVA N M
Significance of pH and Chloride Concentration	W74-01175 7-03 2L	KRYUCHKOVA, N. M. Role of Phyto- and Zooplankton in Self-Purifi
on Behavior of Heavy Metal Pollutants: Mercu-	17-01173	cation Processes (Exemplified by Oxidation
ry (II), Cadmium (II), Zinc (II), and Lead (II),	KRUMPE, P. F.	Ponds), (In Russian),
W74-02155 7-05 5B	Testing the Usefulness of ERTS-1 Imagery for	W74-04692 7-09 50
7.03 35	Inventorying Wildland Resources in Northern	117 30
The Simultaneous Effect of pH and Chloride	California,	KRYUKOV, P. A.
Concentrations Upon Mercury (II) as a Pollu-	W74-01676 7-04 4A	Physico-Chemical Sampling of High Tempera
tant,		ture Wells in Connection with Their Encrusta
W74-03782 7-08 5B	KRUNCHAK, M. M.	tion by Calcium Carbonate,
PROPERTOR N. C.	Determination of the Alkalinity of Mill Ef-	W74-09036 7-17 4
KROUSKOP, N. C.	fluents (Opredelenie shchelochnosti stochnykh	PREFERENCE DE P
Process and Apparatus for Solar Distillation	vod),	KRYUKOV, V. F.
Utilizing Cellular Ceramic Nodules to Improve the Evaporation Rate,	W74-08411 7-16 5A	Theoretical Justification of Pearson Distribu- tion Curves.
W74-09179 7-17 3A	PRIBLIP M VA	W74-12328 7-23 2
W 14-07177 /-1/ 3A	KRUPNIK, M. YA.	W 14-12320 1-23 Z
KROUT, J. E.	Predicting the Quality of Stream Water Under	KRZECZKOWSKA-WOLOSZYN, L.
Biological Effects of Ocean Disposal of Solid	Conditions of Oxygen Deficiency (O prognoze	The Zooplankton of a Carp Pond Under Cond
Waste,	kachetva vody vodotokov pri bol'shikh defit-	tions of Continuous Filling,
W74-03840 7-08 5C	sitakh kisloroda), W74-07388 7-14 5B	W74-00099 7-01 8
	7-14 3B	
KRUEGER, C. R.	KRUSE, E. G.	KRZHAPOL'SKAYA, L. Z.
Effect of Establishment Method, Variety, and	Hydrodynamics of Border Irrigation Advance,	A Literature Review on the Biological Purifica
Seeding Rate on the Production and Quality of	W74-06592 7-13 3F	tion Methods of Sewage in Chemical-Pha maceutical Plants, (in Russian),
Alfalfa Under Dryland and Irrigation, W74-08077 7-15 3F		W74-01756 7-04 5
# /4-V0V// /-13 3F		7-01730 7-04 3

KRUTCHKOFF, R. G.

ry, W74-09114

Tuvy),

W74-09646

7-09 5A

KRUTIKOVA, A. I.

KRUEGER, T. H.

W74-06935

KRUEGER, W.

W74-04835

Undisturbed Soil Cores,

Solute Movement Through Disturbed and

Problem of Isolating Salmonella from Surface
Waters Exemplified by Long-Term Studies in
the Berlin Area, Capital of the German
Democratic Republic, (In German),

A Stochastic Model for the James,

Stochastic Model of Dynamic Eutrophic Estua-

Mineral Lakes of Tuva (Mineral'nyye ozera

7-04 5D

7-07 5C

7-15 5B

7-17 5B

7-18 2H

KRZYZANEK, E.

W74-03271

KU, H. F. H.

York,

W74-03232

Bottom Macrofauna in the Goczalkowice Dam Reservoir in the Years 1965-1969,

Short-Term Effect of Injection of Tertiary-Treated Sewage on Iron Concentration of Water in Magothy Aquifer, Bay Park, New

KUBINSKI, A. M.

KUBINSKI	, A	. M.			
Survival	of	Intestinal	Bacteria	in	Oligotrophic

Waters. W74-07737 7-15 5C

KUBLER, B.

Prediction of the Variation in the Chemistry of a Lake Resulting from an Increase in Soluble Deposits: Application: The Sodium in Lake Neuchatel. W74-01562 7-03 2H

Salt, a Little-Known Aggressor in Our Environment. (In French).

W74-02199 7-05 5B

KUBLITSKAK, A. K.

Seasonal and Age-Related Feeding Changes of Brook Trout in Lithuanian Spring Brooks, (In Russian).

W74-11167 7-21 2H

KUROTA I

Lead, Cd, Zn, Cu, and Co in Streams and Lake Waters of Cayuga Lake Basin, New York. W74-09762

KUCHENBECKER, D. J.

Will Municipal Sewage Continue to Threaten Primary Water-Contact Recreation: An Appraisal of the 1972 Water Pollution Control Act, W74-06969 7-13 5G

KUCHIN, G. P.

Additional Purification of Chemically Treated Effluents (Doochistka Khimicheski obrabotannykh stochnykh vod), W74-03071

7-06 5D

Intensification of Sand Filter Operation (Intensifikatsiya raboty peschenykh fil'trov), W74-12958 7-24 5D

KUCHLER, A. W.

The Mangrove in New Zealand, W74-05469 7-11 21

KUCHMENT, L. S.

Determination of Geometric and Hydraulic Characteristics of a Stream Channel by Solution of Inverse Problems for Saint Venant Equations (Opredeleniye geometricheskikh i gidravlicheskikh kharakteristik rechnogo rusla putem resheniya o bratnykh zadach dlya uravneniy Sen-Venana), W74-08707 7-17 2E

KUDEVICH, S. N.

Hygienic Evaluation of a Machine for Applying Granulated Herbicides in Canals of the Collector-Drainage Network, (In Russian), W74-04166 7-08 5G

KUDRNA, F.

Implementing the Chicago Prairie Plan, W74-12892 7-24 5D

KUDRYASHOVA, R. B.

Statistical and Spectrum Analyses of Wind Waves on the Kayrakkum Reservoir (Statisticheskiy i spektral'nyy analizy vetrovogo volneniya na Kayrakkumskom vodokhranilishche), W74-09110 7-17 2H

KUDRYAVTSEV, V. M.

The Ability of Bacteria to Mineralize Algae Organic Matter, (In Russian), W74-02252 7-05 5B

KUDRYAVTSEVA, B. M.

Experimental Data on the Sorption Capacities of Water Bearing Strata and Survival of Escherichia coli During Bacterial Contamination of Ground Water (In Russian). 7-02 SB W74-01002

KUDRYAVTSEVA, L. A.

20-24 Year Cycle in the March of Atmospheric Precipitation and Its Relation to Air Circulation Patterns (Tsikl 20-24 goda v khode atmosfernykh osadkov i yego svyza' s osobennostyami atmosfernoy tsirkulyatsii), W74-05149

KUDRYAVTSEVA, N. A.

Organic Matter in Water of the Volga River and its Reservoirs in June 1966 and July 1969 (Organicheskoye veshchestovo v vode Volgi i yeye vodokhranilishch v iyune 1966 g. i iyule 1969 g.), W74-01724 7-04 5B

KUECHENMEISTER, A.

Lake Superior Investigations, W74-12079 7-23 8I

KUENTZEL, L. E.

Phosphorus and Carbon in Lake Pollution, 7-17 5C W74-08775

KUGELMAN, I. J.

Wastewater Treatment: Water Reclamation and Reuse. W74-12939 7-24 5D

The Ultrastructure of an Alloparasitic Red Alga Choreocolax Polysiphoniae, W74-05299 7-10 SC

KUHLMANN, G.

An Economic Appraisal of Changes in Water Use Through Investments in Navigable Rivers and Canals, W74-05395 7-10 6A

Application of Boundary-Layer Theory to Dispersion in Nonstratified Two-Dimensional Estuaries. W74-04983 7-10 2L

Application of Boundary-Layer Theory to Dispersion in Well-Mixed Estuaries, W74-12858 7-24 5B

Asse Salt Mine, Federal Republic of Germany--Operating Facility for Underground Disposal of Radioactive Wastes. W74-03358 7-07 5E

KUHN, P. C.

A Method to Monitor the Effects of Toxicants Upon Breathing Rate of Largemouth Bass (Micropterus salmoides Lacepede), W74-12522 7-23 5C

On Saltwater Hot Springs in the Coast Area of Western Anatolia, Turkey (Uber Salzwasser-Thermen Im Kustenland Von West-Anatolien, Turkei), W74-04270 7-08 2F

KUHNHOLD, W. W.

Investigations on the Toxicity of Sea Water-Extracts of Three Crude Oils on Eggs of Cod (Gadus Morhua L.), W74-11298 7-21 5C

KUHNLE, J. A.

Absorption of Mercuric Cation by Tannins in Agricultural Residues, W74-08314 7-16 5G

KUIJPER, W. J.

The Freshwater Mollusks From the Dune Area North of the Hague, W74-07996

KUIPER, J.

A Dynamic Programming--Simulation Strategy for the Capacity Expansion of Hydroelectric Power Systems, W74-03470

KUJI, Y.

Electrochemical Treatment of Industrial Waste Water. W74-13303

Waste Water Treatments Including Ozonation Process. W74-13306 7-24 5D

KUKIELSKA, C.

Primary Productivity of Crop Fields, (In Polish). W74-13270 7-24 21

KUKSIN, I. YE.

International Symposium on Hydrology of Waterlogged Areas (Mezhdunarodnyy simpozium po gidrologii zabolochennykh territoriy), W74-01963 7-04 2G

KUL'S'KYI, L. A.

Dynamics of Changes in Cortical Activity in Albino Rats with Chronic Silver Intoxication (In Ukrainian), W74-00997 7-02 5C

KULAGIN, YU. M.

Experiment in Determination of Water Equivalent of Snow in Mountains by Absorp-tion of Galactic Cosmic Radiation (Opyt opredeleniya zapasov vlagi v snezhnom pokrove v gorakh po pogloshcheniyu galakticheskogo kosmicheskogo izlucheniya), 7-19 2C W74-09932

KULAKOV, A. P.

Quaternary Shorelines of the Seas of Okhotsk and Japan (Chetvertichnyye beregovyye linii Okhotskogo i Yaponskogo morey), W74-01391 7-03 2J

KULAKOVSKAYA, O. P.

Long-Term Changes in the Parasitic Fauna of Some Fish in the Dniester Basin, (In Russian), W74-12746

KULICHENKO, V. V.

The Status of the Radioactive Waste Disposal Problem. W74-02054 7-04 5B

KULIKOV, N. V.
Effect of Water-Soluble Decomposition Products of Herbaceous Plants on Uptake of Radioisotopes in Soil. (in Russian), W74-08117 7-15 2G

KULIKOVA, I. YA.

The Relationship of Bacteria and Blue-Green Algae, (In Russian), W74-12710 7-23 SC

KULIKOVA, T. G.

Industrial Experience with Pneumatic-Mechanical Aerators (Obyt primeneniya pnevmomek-

hanicheskikh aeratorov v proizvodstvennykh	KUNKEL, R.	Related Landscapes of Baraba, (Migratsiya
usloviyakh),	An Analytical Method for Total Heavy Metal	veshchestv s pverkhnostnymi i gravitatsion-
W74-05434 7-11 5D	Complexing Agents in Water and its Applica-	nymi vodami v pochvakh geokhimicheski sop-
KULLEN, B. J.	tion to Water Quality Studies, W74-02658 7-06 5A	ryazhennykh landshaftov Baraby), W74-02300 7-05 2G
Chemical Engineering Division, Waste Manage-	177-02030	W 14-02300 1-03 20
ment Programs, Quarterly Report, July-Sep-	An Atomic Absorption Analysis Method for	KURAZ, V.
tember 1973,	Cyanide,	Air and Water Flow During Ponded Infiltration
W74-07788 7-15 5D	W74-06999 7-13 5A	in a Vertical Bounded Column of Soil,
Charles I Facilities Division Wests Masses	KUNKLE, S. H.	W74-11467 7-22 2G
Chemical Engineering Division Waste Manage- ment Programs Quarterly Report, October-	Restoration of Acid Spoil Banks with Treated	KURBANNAZAROV, M.
December 1973.	Sewage Sludge,	Study of Condensed Water Accumulation in
W74-13128 7-24 5D	W74-12879 7-24 5D	Sandy Desert, (In Russian),
	KUNST, B.	W74-05115 7-10 2G
KULM, L. D.	Membrane Processes (Osmosis and Reverse	
Natural Indicators of Estuarine Sediment	Osmosis),	KURDIN, V. P.
Movement,	W74-00145 7-01 3A	Sediment-Retaining Capacity of the Uglich
W74-00512 7-01 2L		Reservoir (O nanosouderzhivayushche) sposobnosti Uglichskogo vodokhranilishcha),
Observations and Analysis of Bottom Turbid	KUNTE, H.	W74-01731 7-04 2
Layers on the Oregon Continental Shelf,	Thin-Layer and Gas-Chromatographic Deter- mination of Phenols Present in Water, (In Ger-	7-04 2
W74-07632 7-15 2J	man),	Suspended-Sediment Balance in the Rybinsl
	W74-04684 7-09 5A	Reservoir (Balans vzveshennykh veshchestv
Sedimentary Response to Hydrography in an		Rybinskom vodokhranilishche),
Oregon Estuary,	KUNZE, H. L.	W74-01729 7-04 SE
W74-04934 7-10 2L	Water-Quality Records for Selected Reservoirs	Suspended-Sediment Balance in the Uglici
Suspended Sediment Transport on the	in Texas, 1970-71 Water Years, W74-02139 7-04 2K	Reservoir (Balans vzveshennykh veshchesty
Northern Oregon Continental Shelf,	11-04 2K	Uglichskom vodokhranilishche),
W74-01956 7-04 2J	KUO, C.	W74-01730 7-04 5E
	The Determination of Benzidine in Waste-	
KULUKHOV, V. A.	waters,	KURDINA, T. N.
Liquid Velocity Distribution in Aeration Tanks	W74-10991 7-21 5A	Effect of Heated Water from Konakov Hydro
with Mechanical Aerators (Rasredelenie skorostei zhidkosts v aerotenkakh s mek-	KUO, C-T.	Electric Station on Oxygen Content and Development of Phytoplankton in
hanicheskimi aeratorami),	A Study on Wave Transformation Inside Surf	Ivan'Kovskoe Reservoir During Winter, (In
W74-13428 7-24 5D	Zone,	Russian),
	W74-03682 7-07 8B	W74-02244 7-05 51
KUMADA, H.	KUO, C. Y.	
Acute and Chronic Toxicity, Uptake and Re-	Effects of Salinity and Suspended Sediment on	KURDYKA, S.
tention of Cadmium in Freshwater Organisms,	Turbulent Diffusion of Pollutant in Puerto	The Influence of a Chemical Plant Sewag
W74-13027 7-24 5C	Rico,	Sedimentation Catchpit on Groundwaters of the Upper Vistula Floodplain,
Acute Toxicity and Accumulation of PCB (KC	W74-09362 7-18 5B	W74-01754 7-04 51
300) in Freshwater Fish, (In Japanese),	KUPFER, M. J.	11701137
W74-12245 7-23 5C	The Endothermic Process-Application to Im-	KUREYKO, I. A.
	mobilization of Hanford In-Tank Solidified	Procedure for Evaluating the Effect of Convec
KUMAR, A.	Waste,	tive Cloud Modification for the Purpose of Ar
The Phenology of Dragonflies in the Dehra Dun	W74-08968 7-17 5D	tificially Controlling Precipitation and th
Valley, India,	VURPERMAN C	Results of Aircraft Studies on the Structure of
W74-02237 7-05 2I	KUPFERMAN, S. Heterogeneities in Salinity in a River Plume,	Cumulus Clouds, W74-09378 7-18 3]
KUMAR, I. J.	W74-07672 7-15 2L	W /4-093/8 /-18 31
Organic Nutrient Factors Effecting Algal	114-07072	KURIAN, T.
Growths,	KUPRIYANOV, V. V.	Response of Safflower (Carthamus Tinctoriu
W74-03326 7-07 5C	Application of Satellite Data for Hydrologic	L.) to Salinity of Sea Water,
****** * * *	Purposes (Ispol'zovaniye sputnikovoy infor-	W74-13462 7-24 30
KUMAR, T. K.	matsii dlya gidrologicheskikh tseley),	PURIVAMA MAND
Crop Rotation Schemes for Optimal Utilization	W74-08049 7-15 7B	KURIYAMA, M. AND
of Agricultural Land, W74-01596 7-03 3F	Hydrologic Aspects of Urbanization	Process for Purifying Water that Contains Or ganic Matter,
1-03 3F	(Gidrologicheskiye aspekty urbanizatsii),	W74-04716 7-09 51
KUMAR, V.	W74-10631 7-20 4C	7-09 31
Dry Land Research in Northwest India. I: Ef-	Urbanization and Its Effects on Regimen and	KURODA, R.
fect of Variable Pre-Planting Tillage on Soil	Quality of Surface Waters (Urbanizatsiya i	Selective Chromatographic Separation
Moisture, Growth, and Yield of Pearl Millet	yeye vliyaniye na rezhim i kachestvo poverkh-	Uranium(VI) on Deae-Cellulose Layers i
(Pennisetum typhoides, S. and H),	nostnykh vod),	Dilute Acetic Acid Media,
W74-04128 7-08 3F	W74-01139 7-03 4C	W74-04864 7-10 5
KUNDU, P. S.	VIIBVBAV V N	KUROSAKA, T.
Simulation of the Hydrology of Ungaged	KUPYROV, V. N.	Evaporating Method and Evaporating Ap
Watersheds,	Organic Water Impurities and Evaluation of Methods for their Removal in Water Mains (In	paratus,
2010 4 0.000	memous for their Removal in water mains (in	W74 11304 7 2 2 2

Hybridization Studies of Blue-Green Algal and

Higher Plant Chloroplast DNA, W74-01810

7-11 2A

7-04 5C

Russian), W74-07862

KURACHEV, V. M.

Migration of Substances with Surface and
Gravitational Waters in Soils of Geochemically

W74-05403

7-21 3A

A State/Local Lake Rehabilitation Program: A

Proposed Bill and Commentary,

paratus, W74-11396

W74-03196

KURTZ, J.

7-15 5D

KURTZ, L. T.

non12, 2			
KURTZ, L. T.		KUWAMURA, H.	KVALVAG, J.
Chemical Distribution of Residual		Determination of Fatty Acid Composition	
Nitrogen in Soil as Revealed by ?	Nitrogen-15	Gas Chromatography: II. Analysis with Use	of mination of Benomyl, W74-07559 7-14 5A
Studies, W74-08332	7-16 5B	Flame Ionization Detector, W74-03312 7-07	
W /4-06332	7-10 35	W 74-03312 7-07	KVET, R.
Priming Effect of N-15 Labeled Fe	rtilizers on	KUWANA, T.	Problem of The Origin of Hydrogen Sulfide in
Soil Nitrogen in Field Experiments,		Indirect Coulometric Titration of Biologic	al Natural Waters (K probleme genezisa
W74-11279	7-21 5B	Electron Transport Components,	serovodoroda prirodnykh vod), W74-10381 7-20 5B
Recovery of N15-Labeled Fertilize	rs in Field	W74-01338 7-03	K W74-10301
Experiments,		KUWAOKA, M.	KWANT, G. W.
W74-08315	7-16 5B	Distribution of Bottom Fishes in Relation	Sixteen Years of Water Fluoridation in the
Residual Effects of N15-Labeled F	ertilizers in	Oxygen Contents in the Bottom Water	
a Field Study,	citimzers in	Omura Bay, (In Japanese),	W74-02229 7-05 5F
W74-11276	7-21 3F	W74-13086 7-24	5C
		KUZ'MENKO, M. I.	KWAPINSKI, J. B. G.
KURTZ, R. L.	the Zero e	Role of Silt in Microcystis Aerugino	Frequency of Fish Tumors Found in a Polluted Watershed as Compared to Nonpolluted
Optical Holography Applications for Atmospheric Cloud Physics Laborat		Development, (In Russian),	Canadian Waters,
W74-10679	7-20 2B	W74-01368 7-03	
KURZ, D.		KUZ'MIN, I. A.	KWAPULINSKI, J.
Determination of Zinc by Flamel	ess Atomic	Factors Governing Changes in Chan	
Absorption Spectrophotometry, W74-02399	7-05 5A	Processes (Faktory, opredelyayushchiye kh ruslovykh protsessov),	W74-00993 7-02 5B
W 14-02377	7-03 JA	W74-01964 7-04	
KUSAKA, T.		17-01704	Cumulation of Radioactive Substance in Dam
Studies on Reclamation Dike at Ri		KUZ'MINA, A. E.	Reservoirs,
Method of Forecasting Disaster Oc		Mass Development of Hydrurus in the Yeni	
Land Reclamation by Means of Es fluence of Shape of Dike and Co		Below the Krasnoyarsk Reservoir Dam,	In Influence of Some Hydrological Parameters on
Surrounding Land Reclamation		Russian),	Changes in the Radioactivity of the Waters of
Japanese),	men (m	W74-03550 7-07	the Rivers Czarna Fizemsza and Fizemsza,
W74-05355	7-10 4A	KUZ'MINSKAYA, G. G.	W74-07019 7-13 5B
WINGST AND A		The Spectral Structure of Waves in	the KWIATEK, R.
KUSHLAN, J. A. Effects of a Natural Fish Kill on	the Water	Nearshore Zone,	Cleanliness of Wells, Chemical Substances in
Quality, Plankton, and Fish Popu		W74-03448 7-07	
Pond in the Big Cypress Swamp, Flo		KUZ'MYCHOV, A. I.	Polish),
W74-09448	7-18 5C	Vegetation and Stratigraphy of Bogs of	W74-02544 7-05 5C
WIGHLING M. D.		Eastern Forest-Steppe, (In Russian),	KYNARD, B.
KUSHNIRENKO, M. D. Water Metabolism and Dynamics	of Labeled	W74-01096 7-02	4A Avoidance Behavior of Insecticide Susceptible
Phosphorus in Apple Leaves, (In Ri			and Resistant Populations of Mosquitofish to
W74-06245	7-12 3F	KUZIN, P. S.	Four Insecticides, m- W74-13074 7-24 5C
		Water-Balance Method and Its Practical	
KUSKA, J.		portance, (Metod vodnogo balansa i yego pi ticheskoye znacheniye),	KYRIACOU, D.
Use of Drainage Patterns and I Evaluate Large Scale Land Areas f		W74-02308 7-05	2A Rates and Products of Decomposition of 2,2-
Management,	or Resource		Dibromo-3-Nitrilopropionamide,
W74-13453	7-24 4A	KUZMINA, E. D.	W74-02382 7-05 5B
		Results of a Second Study of Wind-Ero	
KUSLER, J.	D A	Soils in the Pavlodar Priirtyshye (In Russian W74-05369 7-10	The Flankton of Folius Enfiched with Wastes
A State/Local Lake Rehabilitation Proposed Bill and Commentary,	Program: A	W74-05369 7-10	Troil Beet Sugar Factories,
W74-03196	7-06 5G	KUZMINSKI, L.	W74-07478 7-14 5C
		Taste Thresholds of Halogens in Water,	L'VOV, P. L.
KUSTOV, YU. I.		W74-00119 7-01	5F The Birchwoods of Montane Dagestan (In Rus-
Mineral Lakes of Tuva (Mineral Tuvy),	nyye ozera	VUZMINEVI I N	sian),
W74-09646	7-18 2H	KUZMINSKI, L. N. A Review of Outboard Motor Effects on	W74-09232 7-17 4A
	, 10 211	Aquatic Environment,	L'VOVICH, A. I.
KUTAS, R. I.		W74-00063 7-01	
Thermal Fields of the Eastern Carp			(Nedostatochno uchityvayemyye istochniki
W74-08984	7-17 2F	KUZNETSOV, N. T.	zagryazneniya prirodnykh vod),
KUTILEK, M.		Groundwater Resources of Central A	
Flow of Water in Swelling Soil,		(Resursy gruntovykh vod Tsentral'noy Azii)	
W74-12831	7-24 2G	W74-05562 7-11	Avalanches on the North Cascades Highway
KUTUZOVA, R. S.		KUZNETSOV, V. V.	(SR-20)Summary Report,
Overgrowth of Ooze Iron-Mangane	se Microor-	Systems of a Wind-Wave Field (Sistemy po	lya W74-11444 7-21 2C
ganisms Studied by Electron Mich		vetrovykh voln),	North Cascades Highway SR-20 Avalanche
Russian),		W74-10258 7-19	2E Atlas,
W74-04558	7-09 5A	KUZNETSOV, YU. V.	W74-11226 7-21 2C
KUTYRIN, I. M.		Raiocarbon in Glacial Water of The El'brus	Re- LA NASA, A. V.
Determination of Chemical Oxyg	en Demand	gion (Radiouglerod v lednikovoy v	
Indices in Water, (In Russian),		Priel'brus'ya),	Growth Rates of Fishes,
W74-13130	7-24 5A	W74-10380 7-20	2K W74-11937 7-22 5C

LA VALLE, P. D. The Effects of Household Sanitary Systems on Effluent Phosphate Levels,	An Economic Analysis of Alternative Sprinkler Irrigation Distribution Systems on the Southern High Plains of Texas,	Currents Around the Hawaiian Islands. A Study of Coastal Currents in Respect to
W74-07267 7-14 5D	W74-05924 7-11 3F	Sewage Disposal, W74-04925 7-10 5B
LAAG, A. E. Enrichment of the Atmosphere with Nitrogen	A Socio-Economic Evaluation of Users of a Water-Based Urban Tourist Attraction: San	LAEVASTU, T. AND
Compounds Volatilized From a Large Dairy Area,	Antonio, Texas, W74-12755 7-24 6B	A Review of Oceanographic Variables and Their Analyses and Predictions Over the Con-
W74-00409 7-01 5B	LACHAPELLE, E. R.	tinental Shelf, W74-04329 7-09 2L
LAAK, R. Efficient Pricing for Urban Waste Water Renovation,	Avalanche Studies (1971-1972), W74-07319 7-14 2C	LAFLEUR, K. S. Movement of Toxaphene and Fluometuron
W74-06828 7-13 5D	LACHENBRUCH, A. H. Thermal Conditions in PermafrostA Review	Through Dunbar Soil to Underlying Ground Water.
LABA, J. T. Potentials of Tidal Power on the North Atlantic	of North American Literature, W74-04347 7-09 2C	W74-02149 7-04 5B
Coast in Canada and United States, W74-04972 7-10 2L	LACHOWSKI, H. M.	LAFLEUR, P. D. Water Sampling,
LABADIE, J. W.	Classification of ERTS-1 MSS Data by Canonical Analysis,	W74-10975 7-21 5B
Metropolitan Water Intelligence Systems Completion Report, Phase III,	W74-06662 7-13 7C	LAFORNARA, J. P. In Situ Treatment Methods for Hazardous
W74-11457 7-22 5D Optimal Conjunctive Use Model for Indus	Identification and Mapping of Coal Refuse Banks and Other Targets in the Anthracite Re- gion,	Material Spills, W74-02179 7-05 5D
Basin, W74-08059 7-15 4B	W74-06642 7-13 4A	LAGAREC, D.
Optimization Techniques for Minimization of	LACK, T. J. Primary Production and Respiration of the	Postglacial Permafrost Features in Eastern Canada,
Combined Sewer Overflow, W74-10415 7-20 5D	Phytoplankton of the Rivers Thames and Ken- net at Reading,	W74-04358 7-09 2C LAGNESE, J. F. JR.
LABARRE, N.	W74-08132 7-15 5C	Water Quality and Our Future Environment
Chloride and Lead in Urban Snow, W74-09468 7-18 5B	LACKEY, R. T. Bottom Fauna Changes During Artificial Reser-	A Federation View, W74-10710 7-20 5G
LABIB, A. H. Seepage Losses From Lake Nasser,	voir Destratification, W74-02992 7-06 5C	LAGREGA, M. D. Effects of Equalizing Wastewater Flows,
W74-08750 7-17 4A	Effects of Artificial Destratification on	W74-10467 7-20 5D
LABIB, W. D. Experimental Studies on Feeding the Common Carp Cyprinus Carpio L. In Egypt,	Zooplankton in Parvin Lake, Colorado, W74-00243 7-01 5C	LAGRONE, A. H. Evaluation of a Hollow Spherical Cavity with a Circular Aperture as a Remote Sensor of At-
W74-01100 7-02 81	LACONTI, A. B. Research on Reverse Osmosis Membranes for Purification of Wash Water at Sterilization (165)	mospheric Index of Refraction, W74-10649 7-20 7B
LABURN, R. J. The Effect of Pollution on the Vaal River Bar-	deg F), W74-00316 7-01 5D	LAGUEUX, R.
rage and the Quest for Water Quality, W74-06607 7-13 5B	LACROIX, P. G.	The Planktonic Association (Cladocera and Copepoda) of a Dimictic Lake of the Lau-
LABUTIN, YU. V. Role of the Environment in the Formation of	Computer-Assisted Activated Sludge Plant Operation,	rentides Park, Quebec, (In French), W74-01558 7-03 2H
Density Dynamics of the Muskrat of Yakutsk, (in Russian),	W74-04119 7-08 5D	LAHERMO, P.
W74-11198 7-21 2C	LADAS, A. S. Organic Functional Group Analysis Via Gas	On the Behavior of Oil Products in Surface Deposits and Ground Water, (In Finnish),
LABUTINA, T. M. Formation of Gas Conditions in the Vilyui	Chromatograpy. III. Determination of Carba- mates by Reaction with Alkali,	W74-13379 7-24 5B
Reservoir, (In Russian), W74-09162 7-17 5C	W74-06872 7-13 5A	LAHEY, J. F. On the Origin of the Dry Climate in Northern
LACAZE, J. C.	LADD, C. T. AND Syracuse Metropolitan Area Comprehensive	South America and the Southern Caribbean, W74-06470 7-12 2B
The Utilization of a Simple Experimental Device for Study of Water Pollution in Situ:	Plan-Water and Sewer Plan and Services Allo- cation Plan,	LAHUE, R.
Comparative Effects of Three Anti-Petroleum Emulsifying Agents,	W74-04507 7-09 5D	A Sensitive Bio-Behavioral Assay for Methyl Mercury,
W74-11334 7-21 5C	LADD, J. W. A Profile of the Four Moment Measures Per-	W74-03572 7-07 5A
LACAZEDIEU, G. Vertical Movements in the Nonsaturated Zone	pendicular to a Shore Line, South Haven, Michigan,	LAI, C-K. Channel Friction and Slope Effects on Harbon
and the Specific Yield of a Water-Table Aquifer (Etude des transferts verticaux dans la	W74-01184 7-03 2H	Resonance, W74-11480 7-22 8B
zone non saturee et de l'emmagasinement d'une nappe libre, dans le cas d'un pompage,	LADMIRAL, D. Pollution Abatement at the Venizel Mill of La	LAI, K. K.
dans les conditions na turelles), W74-07182 7-14 2F	Rochette-Cenpa (Lutte anti-pollution a l'usine de Venizel de la Rochette-Cenpa),	Developing Region in Self-Aerated Flows, W74-06739 7-13 8B
LACEWELL, R. D.	W74-08416 7-16 5D	LAI, R. J.
Costs of Land Subsidence Due to Ground Water Withdrawal,	LADOUCEUR, E. Use of Lime for Phosphorus Removal,	Laboratory Investigations of Whitecaps, Spray and Capillary Waves,
W74-12867 7-24 4B	W74-08858 7-17 5D	W74-03506 7-07 2E

LAI, R. Y.	LAL, P.	LAMBERGER, P. H.
Drawdown at Time-Dependent Flowrate,	Comparative Study on the Interactive Effect of	Tritium Control Technology,
W74-01155 7-03 2F	Qualities of Irrigation Water and Fertilizer Levels on the Yield of Wheat Grown on Dif-	W74-11673 7-22 5D
LAIL, M. D.	ferent Soils,	LAMBERT, G.
Environmental Effects of Petrochemical Waste	W74-08779 7-17 3F	A Simple Simulation Method for River Self-Pu-
Discharges on Tallaboa and Guayanilla Bays,		rification Studies,
Puerto Rico, W74-11228 7-21 5C	LAL, R. Volume Balance Method for Computing Infil-	W74-09093 7-17 5B
W74-11228 7-21 5C	tration Rates in Surface Irrigation,	LAMBERT, J. L.
LAILAS, N.	W74-05674 7-11 3F	Method of Disinfecting Water and Demand
NPDES Self-Monitoring and Reporting		Bactericide for Use Therein,
Requirements,	LALYKIN, N. V.	W74-12442 7-23 5F
W74-10970 7-21 5G	Division of the United States into Regions Ac-	LAMBOLEV C A
LAILEY, D. S.	cording to Cophasal Fluctuations of Annual Runoff (Rayonirovaniye territorii SShA po sin-	LAMBOLEY, G. A. Anti-Pollution Barrier,
Increasing the Effectiveness of Irrigated	faznosti kolebaniy godovogo stoka rek),	W74-04705 7-09 5G
Agriculture in the Chuy Valley of Kirghizia, (In	W74-01140 7-03 2E	
Russian),		LAMKE, R. D.
W74-00490 7-01 3F	LAM, R. K.	A Brief Water-Resources Appraisal of the
LAINSON, R.	Atoll Permeability Calculated from Tidal Diffu-	Truckee River Basin, Western Nevada, W74-04047 7-08 4A
Leishmaniasis in Brazil: VI. Observations of	sion, W74-12995 7-24 2F	W74-04047 7-08 4A
the Seasonal Variations of Lutzomyia Flaviscu-	W 14-12555 1-24 2F	Flood Survey at Proposed Taps Crossing of
tellata in Different Types of Forest and Its	LAMACCHIA, R. A.	Yukon River near Stevens Village, Alaska,
Relationship to Enzootic Rodent Leishmaniasis	Scape: A Computer Model for Alternative	W74-09405 7-18 4C
(Leishmania Mexicana Amazonensis), W74-12734 7-23 2I	Sewer System Cost Evaluation,	LAMM E T
W /4-12/34 /-23 21	W74-05873 7-11 5D	LAMM, F. T. How a Regional Organization Assumes En-
Leishmaniasis in Brazil: VII. Further Observa-	LAMAR, J.	vironmental Responsibility,
tions on the Feeding Habitats of Lutzomyia	Pseudocolor Transformation of ERTS Imagery,	W74-12476 7-23 6E
Flaviscutellata (Mangabeira) with Particular	W74-06656 7-13 7C	
Reference to Its Biting Habits at Different		LAMMERER, B.
Heights, W74-12735 7-23 2I	LAMARCHE, V. C. JR.	New Aspects on the Tectonic of the Alps and
W14-12/55	ristoric Flood information for Northern	the Apennines Revealed by ERTS-1 Data, W74-02564 7-05 7B
LAITINEN, H. A.	California Streams from Geological and Botani- cal Evidence,	W 74-02304 7-03 7B
Electroanalytical Studies of Methylmercury in	W74-07646 7-15 2E	LAMMERS, W. T.
Aqueous Solution,		The Distribution of Cobalt-60 Ruthenium-106
W74-08362 7-16 5A	LAMARRA, V. A. JR.	and Cesium-137 Among Suspended and Dis-
LAITONE, E. V.	Use of Drainage Patterns and Densities to	solved Particles in White Oak Lake,
Series Solutions for Shallow Water Waves,	Evaluate Large Scale Land Areas for Resource	W74-08964 7-17 5B
W74-03440 7-07 2E	Management, W74-13453 7-24 4A	Fractionation of Suspended and Colloidal Parti-
LAKE, B. G.	11.11.5155	cles in Natural Water,
Studies on the Effects of the Oral Administra-	LAMB, C. E.	W74-07783 7-15 5A
tion of Di-(2-Ethylhexyl) Phthalate on some	Groundwater Data in Santa Barbara and	LAMMI, J. O.
Hepatic Enzymes in the Rat,	Southern San Luis Obispo Counties, Califor- nia, Spring 1970 to Spring 1973,	Multidisciplinary Application of ERTS-1 Data
W74-10885 7-20 5C	W74-03814 7-08 4B	to North Carolina Natural Resource Manage-
LAKE, J. L.		ment,
Investigation of Surface Films - Chesapeake	LAMB, D.	W74-06682 7-13 4C
Bay Entrance,	On the Absorption of SO2 in Ocean Water,	LAMONT, P. E.
W74-08831 7-17 5A	W74-12320 7-23 2K	Method for the Disposal of Combustible and
LAKE, P. S.	LAMB, J. C.	Dilute Aqueous Wastes,
Toxicity Bioassays of Cadmium on Selected	Matheda for Improvement of Trickling Filter	W74-12805 7-24 5D
Freshwater Invertebrates and the Interaction of	Plant Performance. Part I. Mechanical and	I AMONOM NV P
Cadmium and Zinc on the Freshwater Shrimp,	Biological Optima,	LAMONT, W. E.
Paratya Tasmaniensis Riek,	W74-00431 7-01 5D	Laboratory Flotation Studies of Tennessee Phosphates in the Presence of Slimes,
W74-11307 7-21 5C	LAMB, J. C. III.	W74-08588 7-16 5D
LAKEY, L. T.	Methods for Transferring Water Resources	
The Stack Monitoring System at the Idaho	Research Findings to Practicing Engineers,	LAMONTAGNE, R. A.
Chemical Processing Plant,	W74-12363 7-23 10D	Carbon Monoxide in the South Pacific Ocean,
W74-06824 7-13 5A	LAMB, N. J.	W74-11904 7-22 2K
LAKSHMANAN, S.	Survey of Wastewater Facilities and Receiving	LAMOREAUX, P. E.
Evolution of the Son Drainage,	Waters and Proposed Performance Specifica-	Subsurface Disposal of Liquid Industrial
W74-10285 7-19 2J		Wastes in AlabamaA Current Status Report,
	Volumes I and II,	W74-03227 7-07 5E
LAL, D. Geochronological Studies in Santa Barbara	W74-05530 7-11 5D	LAMPMAN, R.
Geochronological Studies in Santa Barbara Basin: Fe-55 as a Unique Tracer for Particulate		Economic Growth Vs. Environmental Protec-
Settling,	Study of Carbohydrate Solubilization from	tion: What Will be the Outcome,
W74-02722 7-06 2J	Sewage Sludges,	W74-05644 7-11 6C
	W74-10562 7-20 5D	

A Survey of Trace Metals in Human Hair, W74-09573 7-18

7-18 5B

LAMSON, P. W.

W74-04976

An Analysis of the Water Quality Problems of the Safford Valley, Arizona,

7-10 5B

W74-03192

Wells and Welfare. An Exploratory Cost-Benefit Study of the Economics of Small-Scale Irrigation in Maharashtra,

W/4-10362

LAMBDIN, C. E.

A Survey of Tra

7-06 6B

LANCE, J. Respiration and Osmotic Behaviour of the	Studies on Phytoplankton in Relation to its production and some Physical-Chemical Fac-	LANE, J. Edge Bores,
Copepod Acartia Tonsa in Diluted Sea Water,	tors in Lake Svinsjoen,	W74-04948 7-10 8B
W74-08717 7-17 5C	W74-03284 7-07 5C	LANE, P. Planning, Equipment and Training for Oil Pol-
The Salinity Tolerance of Some Estuarine	'Trapped Sea-Water' in Rorholtfjorden, W74-01263 7-03 2K	lution Control,
Planktonic Copepods, W74-08738 7-17 5C	W/4-01203	W74-10621 7-20 5G
W 74-00/30	LANDERS, H.	
LANCE, J. C. High-Rate Land Treatment II: Water Quality	Average Weekly Rainfall and Probabilities Dur- ing the Planting-Growing-Harvesting Period in	LANE, R. W. Domestic Hot Water Systems, Silicate Treat-
and Economic Aspects of the Flushing	South Carolina,	ment Inhibits Corrosion of Galvanized Steel and Copper Alloys,
Meadows Project,	W74-08295 7-16 2B	W74-07850 7-15 8G
W74-12005 7-23 5D	LANDERS, L.	
Nitrogen Removal by Soil Mechanisms,	Water Harvesting Efficiencies of Four Soil	LANG, A. R. G. Evaporation from an Irrigated Rice Crop in a
W74-08081 7-15 5D	Surface Treatments,	Semi-Arid Region.
Renovating Sewage Effluent by Ground Water	W74-06463 7-12 3B	W74-07096 7-14 2D
Recharge,	LANDERS, R. O.	I I O-i
W74-03520 7-07 5D	Plant Species as Wildlife Cover and Erosion	Leaf Orientation of a Cotton Plant, W74-04132 7-08 3F
LANCE, R.	Control on 'Mudflats' in Iowa's Lareg Reser- voir Systems.	Management of Franciscopinsian in the
Computer Simulation of Trophic Level Inter-	W74-02666 7-06 4D	Measurement of Evapotranspiration in the Presence of Advection, by means of a Modified
relationships in Cayuga Lake,		Energy Balance Procedure,
W74-02216 7-05 5C	Vegetation, Timber Resources and Forest In-	W74-08760 7-17 2D
LANCE, R. J.	ventory, W74-11581 7-22 6G	LANG, E.
Heavy Metals in the Main Streams of the	W/4-11361 /-22 60	Kraft Pulping Effluent Treatment and Reuse -
James River Basin, Missouri,	LANDGRAFF, L. M.	State of the Art,
W74-02445 7-05 5A	Interfacing a Programmable Electronic Calcula-	W74-05110 7-10 5D
LANCTOT, L. R.	tor with an Automatic Amino Acid Analyzer, W74-04866 7-10 5A	LANG, E. W.
Marine Pollution: A Critique of Present and	W14-04000 7-10 JA	Activated Carbon and Other Techniques for
Proposed International Agreements and Institu-	LANDIS, E. K.	Color Removal from Kraft Mill Effluents,
tionsA Suggested Global Oceans' Environ-	Solubility of 1,1,2,2-Tetrabromoethane in	W74-12423 7-23 5D
mental Regime, W74-01449 7-03 5G	Water as a Function of Temperature, W74-08589 7-16 5B	Processes for Reducing the Organic-Carbon Content of Water Contaminated with Organic
LANCY, L. E.	LANDIS, H.	Compounds by Continuous Countercurrent
Waste Treatment: Upgrading Metal-Finishing Facilities to Reduce Pollution,	Legal Controls of Pollution in the Great Lakes Basin.	Multistage Treatment with Activated Carbon, W74-04704 7-09 5D
W74-03499 7-07 5D	W74-11417 7-21 5G	LANG, G. J.
	· · · · · · · · · · · · · · · · · · ·	The City of Fresno's Leaky Acres Ground-
LAND, J. E. Nature and Stability of Complex Mercury	LANDNER, L. Effects of a Sulphate Pulp Mill on the Benthic	Water Recharge ProjectConstruction and Per-
Compounds in Surface and Ground Waters,	Macrofauna in a Firth of the Bothnian Sea,	formance,
W74-02441 7-05 5A	W74-12663 7-23 5C	W74-06358 7-12 4B
TAND T E	Indications of Disturbances in the Nitrification	LANG, H.
LAND, L. F. Appraisal of the Water Resources of Eastern	Process in a Heavily Nitrogen-Polluted Water	Forecasting Discharge from a Glaciated Basin
Palm Beach County, Florida,	Body,	in the Swiss Alps, W74-12974 7-24 2C
W74-08445 7-16 4B	W74-06044 7-12 5C	
TAND I C	LANDO, J.	Long Island Water,
LAND, L. S. Eolian Cross-Bedding in the Beach Dune En-	Desalination Membranes from Built-Up Mul-	W74-09961 7-19 2F
vironment, Sapelo Island, Georgia,	tilayer Films,	Variations in the Relation Between Glacier
W74-04737 7-09 2J	W74-11636 7-22 3A	Discharge and Meteorological Elements,
Holocene Meteoric Dolomitization of	LANDOLT, M. L.	W74-09330 7-18 2C
Pleistocene Limestones, North Jamaica,	Fish Viruses: Isolation and Identification of In-	LANG, M.
W74-00101 7-01 2J	fectious Hematopoietic Necrosis in Eastern	Problems on Pollution and Water Resources in
	North America,	the New York City Metropolitan Area, W74-10942 7-21 5D
Sedimentation in a Meandering Estuary, W74-01177 7-03 2L	W74-05322 7-10 5A	
W/4-011//	LANDRIGAN, P. J.	Waste Water Monitoring Program by the City
LANDAHL, M. T.	Modified Delves Cup Atomic Absorption	of New York, W74-10962 7-21 5D
Drag Reduction by Polymer Addition,	Determination of Lead in Blood,	
W74-11780 7-22 8B	W74-01415 7-03 5A	LANG, N. J.
LANDANYI, B. AND	LANDSBERG, H. H.	Arrangement and Structure of Thylakoids, W74-12565 7-23 5C
Evaluation of in Situ Creep Properties of	Desalted Seawater for Agriculture: It is	H 14-12303 7-23 3C
Frozen Soils with the Pressuremeter,	Economical,	LANG, S. M.
W74-04377 7-09 2C	W74-06467 7-12 3A	Interpretation of Boundary Effects from Pump- ing Test Data.
LANDE, A.	LANE, B. E.	ing Test Data, W74-05089 7-10 8B
Byglandsfjorden. Primary Production and	Sanitary Landfill Leachate Interactions with a	
Other Limnological Features in an Oligotrophic Norwegian Lake.	Carbonate-Rock Derived Soil in Central Pennsylvania,	LANG, T. E. On the Mechanics of the Hard Slab Avalanche,
W74-07554 7-14 5C	W74-10827 7-20 5B	W74-02744 7-06 20
7.1.00		

LANG, W. H. JR.

LANG, W. H. JR. Porosity-Resistivity Cross-Plotting		LANGWAY, C. C. JR. Chemical Profile of the Ross Ice Shelf at L.	Little	LAO, C. Development of Dike Stored Water By Drilling,
W74-07900	7-15 8G	America V, Antarctica, W74-06921 7-13	20	Waihee, Oahu, W74-07137 7-14 2F
Langbein, W. B. Large Rivers of the United States. W74-05138	7-10 2E	LANN, H. Studies in Sweden on Feasibility of S	Some	LAPAGE, S. P. Identification of Bacteria by Computer: General Aspects and Perspectives,
LANGDALE, G. W. Nitrogen Metabolism of Stargrass	s as Affected	Methods for Restoration of Mercury-taminated Bodies of Water, W74-00060 7-01		W74-04909 7-10 5A Identification of Bacteria by Computer:
by Nitrogen and Soil Salinity, W74-08806	7-17 3C	LANSFORD, R. R.		Identification of Reference Strains, W74-04910 7-10 5A
LANGE, C. G.		An Analytical Interdisciplinary Evaluatio	n of	W 74-04910 7-10 3A
Wave Propagation in Continu- Media,	ous Random	the Utilization of the Water Resources of Rio Grande in New Mexico: Lower Rio Gr		Identification of Bacteria by Computer: Theory and Programming,
W74-05041	7-10 2J	Region,	(D	W74-04791 7-09 5A
LANGE, G. R.		W74-07609 7-15	ов	LAPERRIERE, J. D.
An Investigation of Core Drilling	in Perennially	An Analytical Interdisciplinary Evaluatio	on of	The Distribution and Succession of Aquatic
Frozen Gravels and Rock, W74-05170	7-10 2C	the Utilization of the Water Resources of Rio Grande in New Mexico: Middle		Vascular Plant Communities in Relation to Physical-Chemical Characteristics of Various
		Grande Region,	****	Lakes and Ponds of The Tanana Valley, Cen-
Investigation of Sampling Peren Alluvial Gravel by Core Drilling,	nially Frozen	W74-05408 7-11	6B	tral Alaska, W74-11282 7-21 5C
W74-04402	7-09 2C	An Analytical Interdisciplinary Evaluation		Laboratory Rearing Experiments on Artifically
LANGE, O. L.		the Utilization of the Water Resources of		Propagated Inconnu (Stenodus Leucichthys),
Stomatal Responses to Changes i Plants Growing in the Desert,	n Humidity in	Rio Grande in New Mexico: Socorro Regio W74-06103 7-12	6B	W74-07725 7-15 8I
W74-06241	7-12 2I	An Analytical Interdisciplinary Evaluation	on of	Thermal Tolerances of Interior Alaskan Arctic
Stomatal Responses to Changes in	Temperature	the Utilization of the Water Resources o	of the	Grayling (Thymallus arcticus), W74-03759 7-08 5C
at Increasing Water Stress,	7 . o . o .	Grande in New Mexico: Opper	Kio	LAPEYRE, J. M.
W74-05366	7-10 2I		6B	Wave Energy Converter Array,
LANGE, W.	Commission do	LANTZ, P. M.		W74-12438 7-23 7B
Bacteria-Assimilable Organic Phosphate, and Enhanced Growt		An Electrochemical Method for Monitorin	ng the	LAPRISE, J. P.
Associated Blue-Green Algae,		Oxygen Content of Aqueous Streams a	t the	Towards an Objective Analysis of the Seasonal
W74-07587	7-14 5C	Part-Per-Billion Level, W74-04104 7-08	5A	Thermocline, W74-08691 7-16 2E
LANGELAND, A.		W /4-04104 /-08	JA.	
Polluted Snow in Southern Norwa fect of the Meltwater on Fr		Reactions and Transport Phenomena, at faces,	Sur-	LAPSHINA, I. G. Survival Rate of Ascarid Eggs in the Soil and
Aquatic Organisms,			3A	Sediment of Sewage in Ooze Area in the Vol- gograd Region, (In Russian),
W74-00287	7-01 5C	Solubilities of Calcium Sulfate Dihydra	te at	W74-13362 7-24 5C
Polluted Snow in Southern Norw Winters 1968-1971,	ay During the	25C in Brackish Waters and Their Contrates: Effect of Calgon Additive and Pr	ncen-	LAPWOOD, D. H.
W74-04652	7-09 5B	tions for Reverse Osmosis Processes,		Irrigation as a Practical Means to Control Potato Common Scab (Streptomyces Scabies):
LANGER, Y.		W74-10036 7-19	3A	Final Experiment and Conclusions,
Effect of Fish on the Bottom of F		LANYON, R.		W74-12694 7-23 3F
W74-01020	7-02 2H	Flood Plain Management in Metrope	olitan	LARA, O. G.
LANGFORD, C. H.	non (III) Com	Chicago, W74-11867 7-22	2 6F	Floods in Iowa: Technical Manual for Estimat- ing Their Magnitude and Frequency,
Ligand Photooxidation in Copp plexes of Nitrilotriacetic Acid. In				W74-03805 7-08 4A
Natural Waters,		LANYON, R. F.		LABBIEDI A C
W74-01400	7-03 5B	Flow Simulation System, W74-11477 7-22	25	LARDIERI, A. C. Flood Proofing Regulations for Building Codes,
LANGFORD, J. C.		W/4-114//	2 2E	W74-05236 7-10 6F
55Fe Concentration and Specific	c Activities in	A Streamflow Model for Metropolitan Pla	nning	LABIMORE R WELDON
North Pacific Marine Organisms, W74-09733	7-18 5C	and Design, W74-07721 7-15	2A	Ecology of Floodplain Pools in the Kaskaskia
				River Basin of Illinois, W74-05536 7-11 2H
Radiological Sciences, W74-09238	7-17 5C	LANZA, G. Rapid Biological Monitoring System for I	Dotor	
	, , , , , ,	mining Aquatic Community Structure		LARIONOV, E. G.
LANGFORD, R. R.	Openiantian of	Receiving Systems,	-	Physico-Chemical Sampling of High Tempera- ture Wells in Connection with Their Encrusta-
Growth , Life History, and I Mysis relicta in an Arctic and Ter		W74-12184 7-23	5 A	tion by Calcium Carbonate,
W74-06500	7-12 2H	LANZA, G. R.		W74-09036 7-17 4B
LANGLEY, P. G.		Holographic Microscopy of Diatoms,		LARIONOV, G. F.
Precision Annotation of Predeter	mined Primary	W74-00247 7-01	5C	Possible Cause of Formation of Horizontal
Sampling Units on ERTS-1 MSS	Images,	LANZA, P.		Hydrogeochemical Zonality of Groundwater in
W74-06705	7-13 4A	Determination of Traces of Copper, Lead,	. Cad-	Central Kazakhstan (O vozmozhnoy prichine vozniknoveniya gorizontal'noy gidrogeok-
LANGSTON, W. C.		mium, Nickel, Zinc and Iron in Silver H		himicheskoy zonal'nosti podzemnykh vod v
Sewage Disposal System,		by Pulse Polarography,		Tsentral'nom Kazakhstane),
W74-10577	7-20 5D	W74-10447 7-20) 5A	W74-05147 7-10 2F

LARIONOVA, L. I.	LARSEN, I. AND	Quality of Surface Water in Illinois, 1966-1971,
Investigation of the Chemical Composition of Atmospheric Precipitation in the Vicinity of	Buoyancy Spread of Waste Water in Coastal Regions,	W74-07678 7-15 5A
Yevpatoriya (Issledovaniye khimicheskogo sostava atmosfernykh osadkov v rayone g.	W74-04630 7-09 5B	LARSON, W. E. Computer Analysis of the Pore Structure of
Yevpatorii).	LARSEN, V.	Isotropic Porous Media,
W74-03526 7-07 2K	Agricultural Waste Water Accommodation and Utilization by Various Forages,	W74-12815 7-24 2F
LARKIN, D. G.	W74-10903 7-21 5D	Splash Correction Factors for Soil Erosion Stu-
Environmental Assessment of Water-System		dies, W74-10210 7-19 2J
Improvements,	LARSON, C. C.	W 74-10210 7-19 23
W74-13265 7-24 5G	The Effects of Land Use on Salmon Produc- tion.	LARSSON, A.
LARKIN, D. J.	W74-09411 7-18 4C	Metabolic Effects of Technical Pen-
Investigation and Evaluation of 102-BX Tank		tachlorophenol (PCP) on the Eel Anguilla an- guilla L.,
Leak, W74-09877 7-19 5B	LARSON, D. B.	W74-00482 7-01 5C
W74-09877 7-19 5B	Shock-Wave Studies of Ice and Two Frozen Soils.	
LARKIN, P. A.	W74-04378 7-09 2C	LARSSON, E. J.
Food Specialization by Individual Trout,		Floating Boom Structures, W74-02036 7-04 5G
W74-01743 7-04 2I	LARSON, E.	177-02030
LARMOYEUX, J. D.	Aerosols of Lead, Nickel, and Cadmium,	LARSSON, T.
Effects of Water Reuse on Rainbow Trout in	W74-11716 7-22 5A	Biomass Monitoring of Algal Cultures by Fluorimetric Measurement of Their
Hatcheries,	LARSON, F. C.	Chlorophyll Content,
W74-11940 7-22 5C	Impact of Sewage Treatment Modifications on	W74-05055 7-10 5C
LARNER, D. C.	Water Quality of a Reservoir,	
Woody Phreatophytes Along the Colorado	W74-02483 7-05 5D	Indications of Disturbances in the Nitrification
River From Southeast Runnels County to the	LARSON, G. L.	Process in a Heavily Nitrogen-Polluted Water Body.
Headwaters in Borden County, Texas, W74-08371 7-16 3B	A Limnology Study of a High Mountain Lake	W74-06044 7-12 5C
W/4-063/1 /-10 3B	in Mount Rainier National Park, Washington	
LAROCK, P. A.	State; USA, W74-03277 7-07 5A	LASALLE, R. N.
Alkane Degradation in Beach Sands,	W74-03277 7-07 5A	Effects of Salt Marsh Impoundments on Mosquito Populations,
W74-08629 7-16 5B	LARSON, G. P.	W74-11461 7-22 5C
The Relative Changes in n-Alkane Composition	Waste Management: Generation and Disposal	A LOCKING D. C.
in Surface Water Slicks,	of Solid, Liquid and Gaseous Wastes in the	LASENBY, D. C.
W74-08633 7-16 5B	New York Region, W74-09353 7-18 5G	Growth, Life History, and Respiration of Mysis relicta in an Arctic and Temperate Lake,
Thermal Death of a Hydrocarbon Bacterium in	W14-09333	W74-06500 7-12 2H
a Nonaqueous Fluid,	LARSON, K. D.	
W74-06098 7-12 5C	Evaluation of Polymeric Clarification of Meat-	LASH, L. Industrial Waste Disposal Made Profitable,
LAROE, E. T.	Packing and Domestic Wastewaters, W74-12210 7-23 5D	W74-12951 7-24 5D
Effects of Dredge and Fill Activities in the	W/4-12210 /-23 3D	
Cocohatchee River,	LARSON, K. E.	LASH, R. W.
W74-05571 7-11 5C	Determination of Discharge-Frequency Rela-	Large Diameter Polyethylene Forge Mains In- stalled Quickly,
Environmental Considerations for Water	tionships Utilizing Non-Linear Hydrographs and a Modified Rational Formula,	W74-10613 7-20 8A
Management District 6 of Collier County,	W74-05406 7-11 2A	I ACHCHENEO C A
W74-09360 7-18 6B		LASHCHENKO, S. A. Reduction of Waste Water Pollution in Paper-
LAROSA, P. J.	LARSON, L. W.	board Mills (Snizhenie zagryazneniya
Carbonate Bonding of Taconite Tailings,	Accuracy of Precipitation Measurements for Hydrologic Modeling,	stochnykhvod na kartonnykh fabrikakh),
W74-07959 7-15 5G	W74-12304 7-23 2B	W74-12961 7-24 5D
LAROSE, R. H.		LASKA, L.
Herbicide Analysis: Relationship Between	LARSON, R. D. Storage of Manure Solids by Forming Soil-	Water Pollution Control in Alaska,
Molecular Structure and Retention Index,	Manure Pellets.	W74-05465 7-11 5G
W74-01416 7-03 5A	W74-09679 7-18 5D	LASKAR, K.
An Improved Method for Determination of		Ice Thrust on Shores of North German Lakes
Trace Quantities of Phenols in Natural Waters,	LARSON, R. E.	and Its Effect,
W74-12930 7-24 5A	Solids Balance on a Beef Cattle Oxidation Ditch,	W74-09219 7-17 2C
LARSEN, C. E.	W74-09707 7-18 5D	LASKINA, V. P.
Variation in Bluff Recession in Relation to		Barrier Role of Water Works Installations in
Lake Level Fluctuations Along the High Bluff	LARSON, S.	Respect to Chemical Contaminations Classified
Illinois Shore,	A Model of Circulation and Dispersion in Pearl Harbor.	According to Organoleptic Properties of
W74-11974 7-22 2J	W74-11769 7-22 5B	Hazards, (In Russian), W74-01584 7-03 5D
LARSEN, D. P.		
Modeling Algal Growth Dynamics in Shagawa	LARSON, T. E.	Conditions for Discharge into a Body of Water
Lake, Minnesota, with Comments Concerning	Domestic Hot Water Systems, Silicate Treat- ment Inhibits Corrosion of Galvanized Steel	of Prometrine Production Effluents, (In Russian),
Projected Restoration of the Lake, W74-06563 7-13 5C	and Copper Alloys,	W74-13065 7-24 5D

and Copper Alloys, W74-07850

Ground Water Supplies of Northeastern Illinois -- Quality Problems with Well Waters, W74-05100 7-10 5B

7-15 8G

LASKO, L.

LARSEN, G. H.
Decanting Centrifuge for Draining Off Water from Sewage Sludge,
W74-05899 7-11 5D

The Acute Toxicity of Some Heavy Metal lons toward Benthic Organisms,
W74-06035 7-12 5C

LASKO, L.

LAURENCE, D. F. Toxicity Study of Two Oil Spill Reagents LAU, J. AND Research Implementation, A Coordinated Ap-Toward Hudson River Fish Species, Harmonic Generation of Shallow Water Waves 7-21 5C proach. W74-11344 Over Topography, W74-00191 7-01 10A W74-04323 LAURENCE, G. C. Resistance and Respiratory Physiology of In-LAU, L. S. Influence of Temperature on Energy Utilizatertidal Meiofauna to Oxygen-Deficiency, Isotopic and Chemical Characteristics of Hightion of Embryonic and Prolarval Tautog, Tau-Level Groundwater on Oahu, Hawaii, toga onitis. W74-10273 7-19 4B LASSITER, R. R. W74-02872 Phytoplankton Population Changes and Some Statistical Analyses of Hawaiian Rain-Nutrient Fluctuations in a Simple Aquatic LAURENCE, P. T. fall. Column Partition Chromatographic Determina-Ecosystem Model, W74-09655 7-18 2B tion of Sodium Alkane Monosulfonates, W74-06571 7-08 5A W74-03867 Water Recycling of Sewage Effluent by Irriga-LASTOCHKINA, K. O. tion: A Field Study on Oahu, LAURENSON, E. M. AND Experimental Study of the Protective Ability of W74-02631 7-05 2B A Design Procedure for the Conjunctive Use of Water-Treatment Plants with Respect to some Surface and Groundwater Storages, Substances of Caprolactam Production (In Rus-LAU, S. C. W74-04598 7-09 4B sian) Characterization and Microdetermination of a W74-07771 7-15 5D Water-Soluble Metabolite from Bladex Herbi-Community Well-Being as a Factor in Urban cide by Conversion to 5,5-Dimethylhydantion, LASTOVET'S, L. M. Land Use Planning, 7-07 5A The Ability of Some Minerals to Adsorb W74-03751 7-08 6B Viruses from Water(In Ukrainian), LAU, Y. L. W74-03978 7-08 SF Definition of Critical Coastal Areas and Ap-Reaeration in Open-Channel Flow, proaches to Standards for Management, W74-08532 LASWELL, T. J. W74-12099 7-23 5G Acker Lake Landslide, Monroe County, Mis-LAUBUSCH, E. J. sissippi. Environmental Planning. 7... sis. Applications for the Coastal Zone, 7-14 6B Chlorine: Its Development, Characteristics and W74-04862 7-10 2J Utility for Disinfection and Oxidation, LATALL, R. C. W74-05508 Hydraulic Sewer Pipe Line Cleaner, LAURENT, M. W74-10023 7-19 8C LAUDENCIA, P. N. Influence of Ecological Factors on the Condi-Improvement of Soil Cover for Water Consertion Coefficient of a Teleostean Fish (Cottus LATHAM, J. vation, Prevention of Sedimentation and Pollu-Gobio L.) (Influence Des Facteurs Ecologiques The Role of Electrical Forces in the Develoption Control in the Philippines, Sur Le Coefficient De Condition D'un ment and Dissipation of Clouds and Fogs, W74-08481 7-16 5G Teleosteen (Cottus Gobio L.), W74-13199 W74-13099 7-24 SC LAUER, D. T. LATHRAM, E. H. Testing the Usefulness of ERTS-1 Imagery for LAURIA, D. T. Preliminary Geologic Application of ERTS-1 Inventorying Wildland Resources in Northern Water-Supply Planning in Developing Coun-Imagery in Alaska, 7-04 7C W74-01693 W74-01676 W74-04117 7-04 4A LATORELLA, A. H. LAUWERYS, R. R. LAUFER, A. Salinity Adaptation by Dunaliella Tertiolecta. I. Occupational Exposure to Mercury Vapors and Anion Exclusion and Coupling Effects in Non-Increases in Carbonic Anhydrase Activity and Biological Action, steady Transport Through Unsaturated Soils: Evidence for a Light-Dependent Na (Plus)/H II. Laboratory and Numerical Experiments, (Plus) Exchange, W74-07631 W74-01427 7-03 5C LAUZANNE, L. Hydrobiological Investigation of Lake Lere LAUGHLIN, J. E. LATTA, B. F. (Chad) and Nearby Ponds: IV. The Benthic Subsurface Disposal of Waste in Kansas, Enhancing Trickling Filter Plant Performance Fauna. 7-07 SE by Chemical Precipitation, W74-03248 W74-00502 74-00835 7-02 SD LAVADO, R. S. Automatic Samplers for Sewage and Effluents, LAUGHLIN, W. C. JR. Available Phosphorus Level Variations Occur-W74-01306 7-03 5A Computer Simulation for Upgrading Existing ring During the Reclamation of an Alkaline-Wastewater treatment Facilities by Chemical Salty Soil (Variactiones Del Tenor De Fosforo LATTERELL, J. J. Physical Treatment, Asimilable Durante La Recuperacion De Un Sorption of Orthophosphate on the Surface of W74-02681 Suelo Salino-Alcalino), Water Sample Containers, W74-08822 W74-12307 7-23 5A Computer Simulation of Waste Water Treat-LAVANDIER, P. ment by Chemical-Physical Processes, LATTMAN, L. H. Benthic Algae in Water of the Neouvielle Mas-W74-11037 7-21 5D Calcium Carbonate Cementation of Alluvial sif (Hautes-Pyrenees), Fans in Southern Nevada, LAUMOND, F. W74-07013 7-13 2H W74-00349 7-01 2K Experimental Investigations, at Laboratory (SIC), on the Transfer of Mercury of Marine LATYPOVA, Z. V. Health Effects of Electricity Generation from Trophic Chains. Experimental Study of the Hazard Due to W74-10792 Coal, Oil, and Nuclear Fuel, 7-20 5C Chlorinated Quinones and their Safety Levels W74-04184 7-08 SC in Water Bodies (In Russian), Use of Neritic Trophodynamic Chain of Mol-W74-07778 7-15 5C LAVEILLE, W. C. luscs for the Study of the Transfer of Metallic

(Utilisation

Trophodynamique De Type Neritique A Mol-

lusques Pour L'etude Des Transferts Des Pol-

D'une Chaine

7-21 5C

Pollutants.

W74-11287

7-12 5B

luants Metalliques),

Waste Management Regulations and Proposals

7-19 5D

7-12 5A

W74-10312

LAVER, M. L.

W74-06379

Utilization of Bark Waste,

W74-06064

LAU. J.

Factors Affecting the Behavior of Five

Chlorinated Hydrocarbons in Two Natural

Waters and Their Sediments.

LAVILLAUREIX, J.	LAWSON, D. W.	Shallow Water Waves: A Comparison of Theo-
Viruses and Water: II. General Review of the Methods Available to Detect Viruses in Water,	A Distributed Hydrological Model Based on the Concept of Groundwater Recharge, Transmis-	ries and Experiments, W74-04609 7-09 2E
(In French), W74-13360 7-24 5A	sion, and Discharge, W74-01233 7-03 2F	Wave Shoaling.
		W74-00514 7-01 2E
LAVIS, M. E. Reservoir Storage and the Thermal Regime of	A New Method for Determining and Interpret- ing Dispersion Coefficients in Porous Media,	LE RAL, P.
Rivers, with Special Reference to the River	W74-12856 7-24 2F	Study of the Adaptation of an Activated Sludge
Lune, Yorkshire,	LANGON E N	to the Purification of an Industrial Effluent
W74-05464 7-11 4A	LAWSON, E. N. A Waterborne Actinomycete Resembling	(Etude de l'adaptation d'une boue activee a
LAVOY, A.	Strains Causing Mycetoma,	l'epuration d'un effluent industriel), W74-07389 7-14 5D
Differences in Littoral Fauna Due to Fluctuat-	W74-01256 7-03 5B	
ing Water Levels Below A Hydroelectric Dam, W74-00463 7-01 2I	LAWSON, J. R.	LEACH, C. K.
	Treatment of Oily and Metal-Containing Waste-	Structure and Function of Nucleic Acids, W74-12571 7-23 5C
LAVRUKHINA, A. A. Purification of Effluents and Improvement of	water,	1-23 30
the Technology in the Production of	W74-03852 7-08 5B	LEACH, J. H.
Chloretone, (In Russian),	LAWSON, P. D.	First Records of the Chinese Mitten Crab, Eriocheir Sinensis, (Crustacea:Brachyura)
W74-07285 7-14 5D	Surface Aeration of Domestic Wastes Operat-	From North America,
LAVRYSHCHEVA, R. S.	ing Experiences at Red Deer, Alberta, Section II.	W74-06171 7-12 2I
The Effect of Water-Salt Regime of Soil on the	W74-10172 7-19 5D	LEADEM, T. P.
Growth of Quercus Robur, (In Byclorussian), W74-13393 7-24 3C	LAYLIN, J. G.	The In Vivo Effect of P,P' DDT on Na+-K+-
	The Law to Govern Deepsea Mining Until Su-	Activated ATPase Activity in Rainbow Trout
LAVY, A. The Influence of the Chemical Nature of	perseded by International Agreement,	(Salmo Gairdneri), W74-11485 7-22 5C
Polymers on Their Drag Reduction Charac-	W74-06964 7-13 6E	W /4-11465 1-22 SC
teristics,	LAZA, R. W.	LEAF, C. F.
W74-10427 7-20 8B	Permeability of High Ash Papermill Sludge,	Annual Streamflow Summaries from Four Sub- alpine Watersheds in Colorado,
LAW, A. G.	W74-08425 7-16 5D	W74-00676 7-02 3B
Stochastic Analysis of Groundwater Level	LAZARCHIK, V. M.	
Time Series in the Western United States, W74-08368 7-16 2F	Effect of Excess Soil Moisture on Yield and	Areal Snow Cover Observations in the Central Rockies, Colorado,
	Biochemical Processes in Spring Wheat at Vari- ous Stages of Its Development (In Russian),	W74-06391 7-12 2C
LAW, J. P. Primer on Agricultural Pollution,	W74-02325 7-05 3F	
W74-05569 7-11 5B	LAZAROFF, N.	Computer Simulation of Snowmelt within a Colorado Subalpine Watershed,
LAW, L. M.	Photomorphogenesis and Nostocacean	W74-10424 7-20 2C
Determination of Chlorinated Insecticides in	Development,	Hydrologic Simulation Model of Colorado Sub-
Suspended Sediment and Bottom Material,	W74-12576 7-23 5C	alpine Forest,
W74-07317 7-14 5A	LAZARUS, M.	W74-02248 7-05 7B
Distribution of Chlorinated Hydrocarbons in	Effect of Wave Action on Tidal Stages Along the Coast of Florida, March 1962,	Sampling Requirements for Areal Water
Stream-Bottom Material, W74-13183 7-24 5B	W74-04927 7-10 2L	Equivalent Estimates in Forested Subalpine
	LAZO, F. I.	Watersheds,
LAW, S. Y. A Methodology for Assessment of Water	Readily Hydrosable Organic Matter in Bottom	W74-00675 7-02 3B
Resources Development: A Competitive	Sediments of Lake Baikal, (In Russian),	Simulating Effects of Harvest Cutting on
Evaluation Model for Water Resources	W74-03715 7-07 5C	Snowmelt in Colorado Subalpine Forest, W74-00686 7-02 4C
Development Planning, W74-00559 7-02 6B	LE CLAIR, B. P.	W74-00686 7-02 4C
	Use of Lime for Phosphorus Removal,	LEAK, R. E.
LAWGUN, N. Simulation of Rainfall Sequences,	W74-08858 7-17 5D	Policy for Location of Offshore Ports and Oil Refineries in Coastal Areas,
W74-13013 7-24 2B	LE CLERC, G.	W74-09995 7-19 5G
LAWLER, J. P.	Determination of the Discharge Policy for Ex- isting Reservoir Networks Under Differing Ob-	ARAN R R C
Generalized Simulation Models for Mas-	jectives,	LEAN, D. R. S. Movements of Phosphorus Between its Biologi-
sachusetts Streams,	W74-00673 7-02 4A	cally Important Forms in Lake Water,
W74-04118 7-08 5B	LE FEVRE-LEHOERFF, G.	W74-04783 7-09 5B
LAWRENCE, R. D.	Distribution and Seasonal Variations of the	LEAR, B.
Natural Resource Inventory and Monitoring in	Plankton in 'Riviere de Morlaix,' (In French), W74-07012 7-13 5C	Persistence and Movement of DBCP in Three
Oregon With ERTS Imagery, W74-06683 7-13 4A	W/4-0/012 /-13 3C	Types of Soil,
	LE MEHAUTE, B.	W74-12310 7-23 5B
LAWRENCE, R. W. Development of a Reverse Osmosis Module for	Coastal Movable Bed Scale Model Technology, W74-04949 7-10 2J	LEARY, R. D.
Wash Water Recycling in a Space Environment		200 MGD Activated Sludge Plant Removes Phosphorus by Pickle Liquor,
at 165 deg F, W74-08344 7-16 5D	Note on the Equations of Long Waves Over an Uneven Bottom,	W74-04554 7-09 5D
	W74-01189 7-03 2E	LEATHEM, W.
LAWSON, C. T. Activated Carbon Adsorption of Petrochemi-	On Non-Saturated Breakers and the Wave Run-	Effect of Spoil Disposal on Benthic Inver-
cals,	Up,	tebrates,
W74-11086 7-21 5D	W74-04742 7-09 2L	W74-01420 7-03 5C

LEATHERLAND, T. M.

LEATHERLAND, T. M. Concentrations of Some Trace Metals in	LECKMAN, J. Pressurized Sewer Collection Systems,	LEE, G. A. Vegetative Response to Chemical Control of
Pelagic Organisms and of Mercury in Northeast	W74-01286 7-03 5D	Broom Snakeweed on a Blue Grama Range,
Atlantic Ocean Water, W74-01523 7-03 5C	LECLERC, G.	W74-02943 7-06 4A
The Occurrence of Some Trace Metals in	Determination of the Discharge Policy for Ex- isting Reservoir Networks,	LEE, G. F. Chemical Aspects of Bioassay Techniques for
Coastal Organisms with Particular Reference to	W74-08513 7-16 4A	Establishing Water Quality Criteria, W74-06747 7-13 5A
the Solent Region, W74-11332 7-21 5B	Methodology for Assessing the Potential Im- pact of Urban Development on Urban Runoff	Gas Chromatographic Procedure to Analyze
LEATHERWOOD, J. M.	and the Relative Efficiency of Runoff Control	Amino Acids in Lake Waters,
Utilization of Fibrous Wastes as Sources of	Alternatives, W74-00001 7-01 2A	W74-00061 7-01 5A
Nutrients, W74-07472 7-14 5D	LECLERC, H.	Leaves as Source of Phosphorus, W74-01407 7-03 5B
LEAVELL, C. B.	The Counting of Aerobic Actinomycetes in	
Water Law of Southeastern Estuaries, W74-03463 7-07 6E	Water Samples (Denombrement des Actino- mycetes Aerobies De L'eau),	Literature Review on Research Study for the Development of Dredged Material Disposal
	W74-08220 7-16 5A	Criteria, W74-10686 7-20 5B
LEAVELL, K. H. Thermodynamics of Acid-Base Equilibria. m'	LECLERC, J. C.	Molecular Size and Spectral Characterization
and p' Hydroxybenzaldehyde,	Red Light and Nitrogen Starvation Induced Changes in Pigment Composition	of Organic Matter in a Meromictic Lake,
W74-03738 7-07 2K	(Phycoerythrin, Chlorophyll Forms) and Photosynthetic 02 Evolution of Porphyridium	W74-11067 7-21 2H
LEAVITT, R. A. Analytical Methodology for Bioactive Com-	Sp. (Effets de la Lumiere Rouge et de la	Nutrient Loading From a Separate Storm Sewer in Madison, Wisconsin,
pounds. Photochemically Assisted Analysis of	Carence en azote sur la composition pigmen- taire (phycoerythrine, holochromes chlorophyl-	W24-00716 7-02 5C
Chlorinated Hydrocarbon Pesticides in the Presence of Polychlorinated Biphenyls,	liens) et l'emission d'02 photosynethetique de	Nutrient Loading from a Separate Storm Sewer
W74-01493 7-03 5A	porphyridium sp)., W74-02964 7-06 5C	in Madison, Wisconsin, W74-11853 7-22 5B
LEAY, R. W.	LECLERCO, P. J.	Phosphorus Studies in Lower Green Bay, Lake
Theoretical Analysis of Forced Laminar Con- vection Heat Transfer in the Entrance Region	Axisymmetric Infiltrations,	Michigan,
of an Elliptic Duct,	W74-07839 7-15 2G	W74-09435 7-18 5C
W74-02897 7-06 8B	LECOMPTE, A. R. Advanced Practical Water Recycle in Tissue	The Role of Thermocline Migration in Regulat- ing Algal Blooms,
LEBARON, A. Preliminary Indicators of Income/Wealth	Manufacture,	W74-06566 7-13 5C
Redistribution Associated with Bureau of	W74-02279 7-05 5D	Some Considerations of the Chemical Limnolo-
Reclamation Projects, W74-03771 7-08 6B	LEDUC, F. Ecological Outline of the Arboretum at Petils	gy of Meromictic Lake Mary, W74-00064 7-01 5C
	and Adjacent Undergrowth in the Ville-Cartier	
LEBEDEV, YU. M. Some Environmental Factors Determining the	(Illeet-Vilaine) Forest, W74-10421 7-20 2I	Toxaphene Accumulation in Fish in Lakes Treated for Rough Fish Control,
Primary Production of the Mozhaisk Reservoir,	LEDUC, G.	W74-02425 7-05 5C
(In Russian), W74-03939 7-08 5C	The Use of Sodium Cyanide as a Fish Eradi-	LEE, J-J
LEBEDEVA, G. D.	cant in Some Quebec Lakes, W74-12696 7-23 81	Marina Del Rey: Computer Simulation of Pollu- tant Transport in Semi-Enclosed Water Body,
Accumulation of Strontium-90 in Young Carp,	LEE, B. K.	W74-05698 7-11 5B
W74-12042 7-23 5B	Stochastic Analysis of Dune Bed Profiles,	Trophic Dynamics and Niches of Salt Marsh
LEBLANC, P. J. Review of Rapid BOD Test Methods,	W74-09619 7-18 2J	Foraminifera, W74-01814 7-04 5C
W74-03557 7-07 5A	LEE, C. A Study on the Growth of the Mussel, Mytilus	LEE, J. K.
A Review of the Biochemical Oxygen Demand	edulis, in a Salt-Field Reservoir (In Korean),	A Study on the Growth of the Mussel, Mytilus
(BOD-5) Test, W74-12947 7-24 5A	W74-13406 7-24 2H	edulis, in a Salt-Field Reservoir (In Korean), W74-13406 7-24 2H
	LEE, D. H. K. Biologic Effect of Metallic Contaminants-The	LEE, J. N.
LEBRET, T. Changes in the Avifauna of the Biesbosch in	Next Step,	Annual Compilation and Analysis of Hydrolog-
the 1st Yr After the Elimination of the Tide,	W74-11720 7-22 5C	ic Data for Deep Creek, Colorado River Basin, Texas, 1971,
W74-04699 7-09 2I	LEE, E. S. Analysis, Modeling and Forecasting of	W74-05851 7-11 2E
LECHI, G. M. A Preliminary Evaluation of ERTS-1 Images on	Stochastic Water Quality Systems, Volume I,	Annual Compilation and Analysis of Hydrolog-
the Volcanic Areas of Southern Italy (NASA	Time Series Analysis in Water Quality Model- ing,	ic Data for Mukewater Creek, Colorado River Basin Texas, 1971,
Contract FO-013), W74-06691 7-13 7C	W74-02823 7-06 5B	W74-02140 7-04 4D
LECHNER, J.	Analysis, Modeling and Forecasting of	LEE, K. L.
Automation of Direct Potentiometry,	Stochastic Water Quality Systems, Volume II, Nonlinear Filtration and Estimation in Water	Hydraulic Fracturing in Zoned Earth and Rockfill Dams,
W74-06133 7-12 5A	Quality Modeling, W74-02824 7-06 5B	W74-05855 7-11 8D
LECHNER, L. J. Phosphorus Removal by Lime Addition to a		LEE, K. N. Water and Politics in Coastal Colifornia The
Conventional Anaerobic Stabilization Facility,	LEE, F. A. Hydrodynamical Stability of Salt Wedge,	Water and Politics in Coastal California - The Diablo Canyon Experience,
W74-10187 7-19 5D	W74-05825 7-11 2L	W74-10480 7-20 5D
PA-224		

LEE, K. S.	LEEKLEY, R. M.	Bacteriological Surveys, Charlotte County, New Brunswick, Shellfish Area N.B. 14, 1973,
Modeling and Management of Water and Re-	Color Characterization Before and After Lime	W74-10787 7-20 5C
lated Land Resources for Phosphorus Control	Treatment, W74-11793 7-22 5D	W /4-10/6/ /-20 3C
and Ecolibrium, W74-02675 7-06 5B	W74-11793 7-22 5D	Bacteriological Surveys, Charlotte County
W/4-026/3	LEENDERTSE, J. J.	New Brunswick, Shellfish Areas N.B. 9, 10, 11,
LEE, K. W.	A Three-Dimensional Model for Estuaries and	and 12, 1973,
Flood Prone Areas in the San Francisco Bay	Coastal Seas: Volume I, Principles of Compu-	W74-10788 7-20 5C
Region, California,	tation,	
W74-06275 7-12 7C	W74-04301 7-09 2L	LEGER, G.
		Extra-Terrestrial Mn-53 in Antarctic Ice,
LEE, M-L.	Use of a Computational Model for Two-Dimen-	W74-05991 7-12 20
Soluble Aluminum in Marine and Fresh Water	sional Tidal Flow,	LEGG, B. J.
by Gas-Liquid Chromatography,	W74-04631 7-09 2L	Seabed Regimes and the Limits of National Ju
W74-01446 7-03 5A	* PROVIDER * A	risdiction.
*** ** **	LEENHEER, J. A.	W74-10714 7-20 6E
LEE, M. T.	Case History of Subsurface Waste Injection of	
A Computer Atlas of Hydrologic and	an Industrial Organic Waste,	LEGGETT, G. E.
Geomorphologic Data for Small Watersheds in	W74-03245 7-07 5E	Controlling Soil Crusting with Phosphoric Acid
Indiana, W74-07432 7-14 2A	Fractionation and Characterization of Natural	to Enhance Seedling Emergence,
W 14-01432 1-14 2A	Organic Matter from Certain Rivers and Soils	W74-08279 7-16 31
A Rainfall-Runoff Model Based on the	by Free-Flow Electrophoresis,	LEGGETT, W. C.
Watershed Stream Network,	W74-03062 7-06 2K	Connecticut River Ecological StudyA Study
W74-07464 7-14 2A		of the Rate and Pattern of Shad Migration is
	Occurrence of Dissolved Organic Carbon in	the Connecticut RiverUtilizing Sonic Tracking
LEE, P.	Selected Ground-Water Samples in the United	Apparatus,
Water Quality Report, Upper Snoqualmie River	States,	W74-11227 7-21 8
System, August 1972-November 1972,	W74-09917 7-19 5B	
W74-06375 7-12 5B		LEGRAND, H. E.
	Preparative Free-Flow Electrophoresis as a	Karst HydrologyA Review,
LEE, P. L. Y.	Method of Fractionation of Natural Organic	W74-06907 7-13 21
Fluid Sample Analysis System,	Materials,	
W74-08914 7-17 7B	W74-00321 7-01 2K	LEHMAN, W. F.
LEE, R. E. JR.	LEES, J. C.	Tolerance of Rice (Oryza Sativa L.) to Sal
Determination of Trace Elements in Coal, Fly	Soil Aeration Response to Draining Intensity in	During Boot, Flowering, and Grain-Filling Stages,
The state of the s	Basin Peat,	W74-08080 7-15 30
Ash, Fuel Oil, and Gasoline-A Preliminary Comparison of Selected Analytical Techniques,	W74-01255 7-03 2G	W 74-08080 7-13 36
W74-12500 7-23 5A		LEHMANN, E. J.
W 14-12300 1-23 3A	LEESE, M. N.	Waste Processing in the Chemical and
LEE, R. F.	Use of Censored Data in the Estimation of	Petrochemical Industries A Bibliography wit
Uptake, Metabolism and Discharge of Poly-	Gumbel Distribution Parameters for Annual	Abstracts,
cyclic Aromatic Hydrocarbons by Marine Fish,	Maximum Flood Series,	W74-12069 7-23 51
W74-12262 7-23 5C	W74-02763 7-06 2E	
		LEHMANN, R. B.
LEE, R. L.	LEFEBVRE, C.	Treatment of Electroplating Wastes by Io
A Q-Methodological Study of Attitudes Toward	Outbreeding and Inbreeding in a Zinc-Lead	Exchange,
Water Resources and Implications for Using		W74-09377 7-18 51
Mass Media in Dissemination of Water	W74-09788 7-18 5C	LEHN, H.
Research Results,	LEFEBVRE, E. E.	The Relation Between Phytoplankton an
W74-12192 7-23 6B	Wastewater Treatment and Discharge Survey,	Phosphate in the Lake of Constance, (In Ger
TER CH	Offutt AFB NE, Oct 1973,	man),
LEE, S. H.		W74-04637 7-09 50
New Microbial Indicators of Wastewater	W 74-10333 7-20 3D	
Chlorination Efficiency, W74-10189 7-19 5D	LEFEUVRE, A. R.	LEIFESTE, D. K.
W74-10189 7-19 5D	Eutrophication Research Applied to Water	Dissolved-Solids Discharge to the Oceans from
LEE, S. Y.	Quality Management on the Great Lakes,	the Conterminous United States,
Fission Particle Tracks in Micas and Micaceous		W74-07162 7-14 5
Vermiculites as Related to Chemical Weather-		LEININGER, K. V.
ing and Cation Exchange Properties,	LEFOR, M. W.	Available Air Measurements Applied to Flots
W74-10214 7-19 5A	The Connecticut Tidal Wetlands Survey,	tion Thickener Evaluations,
	W74-08158 7-16 6E	W74-09451 7-18 5
LEE, T. N.	Described First Wallands Confessor Vers	7-10 3
Hydrography and Beach Dynamics,	Proceedings: First Wetlands Conference, June	LEININGER, R. K.
W74-09059 7-17 6E	20, 1973,	Strontium and Other Notable Chemical Con
Th. H	W74-08157 7-16 2L	stituents of Well-Water of Allen County, Ind
The Use of Ocean Outfalls for Marine Waste		ana,
Disposal in Southeast Florida's Coastal Waters	Committee Carlo Batanan the Francisco	W74-07400 7-14 2
W74-09403 7-18 5E	Calculated by Various Formulas and Pan	I FINWERED C I
Water Movements in Shallow Coastal Bays and		LEINWEBER, C. L.
Estuaries,	Areas, (In Spanish),	Dissipation and Phytotoxicity of Dicamb Residues in Water,
W74-03442 7-07 2I		W74-02370 7-05 5
1-01 21		1-03 3

EEDEN, F. VAN DER
Regional Water Resources Studies -- A Spanish
Experience,
W74-01622
7-03 4B
LEGAULT, R.
Bacteriological Surveys, Charlotte County, New Brunswick, Shellfish Area N.B. 13, 1973,
W74-01786
7-20 5C
LEIS, W. M.
Geologic Control of Ground Water Movement in a Portion of the Delaware Piedmont,
W74-02320
7-05 2F

LEEDEN, F. VAN DER

LEISER, C. P.

LEISER, C. P. Computer Management of a Combined Sewer	LEMBKE, W. D. Farm Ground Water Nitrate Pollution - A Case	LENNOX, W. C. The Forecasting of Streamflow Using the
System, W74-12003 7-23 5D	Study, W74-04158 7-08 5B	Method of Characteristic Modes, W74-07178 7-14 4A
W /4-12003		
LEITHE, W.	Selecting a Method for Scheduling Irrigation,	LENT, D. S. Treatment of Wastewaters From Military Field
Analysis of Organic Pollutants in Water and	Using a Simulation Model. W74-04134 7-08 3F	Laundry, Showers, and Kitchen Units,
Waste Water, W74-04633 7-09 5A	W 74-04134 7-00 31	W74-09410 7-18 5D
W/4-04033	LEMEHAUTE, B.	LENE D. C.
LEITNER, J. E.	On the Breaking of Waves Arriving at an Angle	LENT, P. C. Application of ERTS-1 Imagery to the Study of
High Precision Sampling for Chromatographic	to the Shore, W74-04217 7-08 2H	Caribou Movements and Winter Dispersal in
Separations, W74-02414 7-05 2K	7-00 211	Relation to Prevailing Snowcover,
W14-02414	LEMEHAUTE, B. J.	W74-08602 7-16 2C
LEITZ, F. B.	Wave Shoaling,	LENTON, R. L.
High Temperature Electrodialysis, Phase I,	W74-04215 7-08 2E	A General Purpose Simulation Model for Anal-
W74-08067 7-15 3A	Wave Shoaling,	ysis of Surface Water Allocation Using Large
High Temperature Electrodialysis, Phase II,	W74-04216 7-08 2E	Time Increments,
W74-08068 7-15 3A	LEMKE, A. E.	W74-09568 7-18 6A
High Townsontone Electrodiclusic Phase III	Toxicity of Sodium Nitrilotriacetate (NTA) to	LENTSCH, J. W.
High Temperature Electrodialysis, Phase III, W74-08069 7-15 3A	the Fathead Minnow and an Amphipod in Soft	Stable Manganese and Manganese-54 Distribu-
7-13 JA	Water,	tions in the Physical and Biological Com-
High Temperature Electrodialysis, Phase IV,	W74-09432 7-18 5C	ponents of the Hudson River Estuary, W74-02048 7-04 5B
W74-08070 7-15 3A	LEMMEL, D. E.	W 74-02048
LEITZELL, T. L.	Automated Method for Ortho-, Ortho-plus	LENTZ, B. R.
The Ocean Dumping ConventionA Hopeful	Hydrolyzable and Total Phosphate in Surface	Structure of Liquid Water. II. Improved
Beginning,	and Wastewaters, W74-08208 7-16 5A	Statistical Thermodynamic Treatment and Im- plications of a Cluster Model,
W74-04032 7-08 5G	W/4-08208 /-10 JA	W74-13418 7-24 1A
LEJCHER, T. R.	LEMMIN, U.	I POWING I M
Restoration of Acid Spoil Banks with Treated	The Development from Two-Dimensional to	LEONARD, J. M. Ciesm and Marine Pollution,
Sewage Sludge,	Three-Dimensional Turbulence Generated by Breaking Waves,	W74-00543 7-01 5B
W74-12879 7-24 5D	W74-12996 7-24 2H	
LEJEUNE, P.		Oil in Scottish Waters,
Examples of the Use of the 'Seclar' Decanter	LEMON, R. A. Emergency Planning for Municipal Wastewater	W74-05551 7-11 5B
in Treating Paper Industry Effluents (Exemples	Treatment Facilities,	LEONARD, J. W.
d'application du decanteur 'Seclar' au traite-	W74-06577 7-13 5D	Feasibility Study of a New Surface Mining
ment d'effluents de l'industrie papetiere), W74-08419 7-16 5D		Method 'Longwall Stripping,' W74-09060 7-17 5G
W74-08419 7-16 5D	LEMONS, M. Reconnaissance Study of Selected Nutrients,	W 74-09000 7-17 3G
LEKANDER, K. E.	Pesticides, and Trace Elements in the Eel,	LEONARD, P.
The Pollution-Free Mill: Facts and Visions,	Salinas, and Santa Ana Rivers, California, Oc-	Glue Treatment-Pick a Way,
W74-12408 7-23 5D	tober 1971 Through July 1972,	W74-00165 7-01 5D
LEKER, J. E.	W74-13195 7-24 5B	LEONARD, R.
Recycling Water A Simple Solution,	A Water-Quality Reconnaissance of Big Bear	Efficient Pricing for Urban Waste Water
W74-05274 7-10 5D	Lake, San Bernardino County, California,	Renovation, W74-06828 7-13 5D
LELAND, H. V.	1972-73,	W 14-00020 1-13 3D
Chlorinated Hydrocarbon Insecticides in Sedi-	W74-11753 7-22 5B	North Cascades Highway SR-20 Avalanche
ments of Southern Lake Michigan,	LEMONS, V. H.	Atlas,
W74-01397 7-03 5B	Snow Survey Measurements Through 1970,	W74-11226 7-21 2C
Distribution of Selected Trace Metals in	W74-02738 7-06 2C	LEONARD, R. A.
Southern Lake Michigan and Lower Green	LENGYEL, P.	Water-Sediment Splitter for Runoff Samples
Bay,	The Use of Silicates and Polyelectrolytes for	Containing Coarse-Grained Sediment,
W74-08934 7-17 5B	Flocculation,	W74-03780 7-08 2J
LELAND, J.	W74-12420 7-23 5D	LEONARD, R. L.
User Attitudes Toward Water Quality and	LENKA, D.	Development of High-Flux Hollow Reverse Os-
Price, Las Vegas Valley and Reno-Sparks,	Effect of Row Spacing, Seed Rate, Nutrition	mosis Fibers for Brackish Water Softening, W74-00314 7-01 3A
Nevada,	and Irrigation on Root Growth, Nodulation,	
W74-03331 7-07 5G	Quality and Uptake of Nutrients in Pea (Pisum	Hollow Fine Fibers for Brackish Waters Sof-
LELONKIEWICZ, K.	sativum L. Var. Arvense Poir.), W74-12156 7-23 3F	tening, W74-01907 7-04 3A
Purification of Bleached Kraft Mill Effluents		
by Activated Sludge Treatment (Oczyszczanie	LENNEMAN, W. L.	Pricing of Industrial Wastewater Treatment
metoda osadu czynnego sciekow z produkcji masy celulozowej siarczanowej bielonej),	Management of Radioactive Aqueous Wastes from AEC Fuel-Reprocessing Operations,	Service, W74-07727 7-15 5D
,,,,,,	ribe - der rieft seessing operations,	7-13 3D

W74-04188

W74-04211

terey Harbor (1932-1969),

An Investigation of Bottom Changes in Mon-

W74-02177

LEONARD, R. P.

sorption System,

Cost Effectiveness in Pollution Control--Treat-

ment of Glue Factory Wastes by Carbon Ad-

7-08 5B

7-08 2L

7-05 5D

W74-05717

LEMASURIER, W. E.

masy celulozowej siarczanowej bielonej), W74-05267 7-10 5D

Rates of Quaternary Glacial Erosion and Corrie

7-11 2J

Formation, Marie Byrd Land, Antarctica,

The Impact of Changing Cost and Quality of	Membrane Technology	Study of a Balluted Environment (The Old Bost
Industrial Water on Technical Change and	Membrane Technology, W74-11825 7-22 3A	Study of a Polluted Environment (The Old Port
Plant Location Decisions,	W74-11825 7-22 3A	Area of Marseilles): The Influence of Physical and Chemical Conditions on the Characteristics
W74-06424 7-12 3E	LESCHACK, L. A.	of the Population of the Quay, (In French),
	Potential Use of Airborne Dual-Channel In-	W74-03719 7-07 5C
LEONT'EV, O. K.	frared Scanning to Detect Massive Ice in Per-	707 30
History of the Formation of the Coasts of	mafrost,	LEUTHEUSSER, H. J.
Kara-Bogaz-Gol,	W74-04403 7-09 7B	Bubbly Two-Phase Flow in Hydraulic Jump,
W74-04427 7-09 2J		W74-05831 7-11 8B
LEONTE, E.	LESCINSKY, J. B.	
The Effect of CuSo4 Algicide Doses Upon the	Water Resources of Lehigh County, Pennsyl-	LEVANON, A.
Routine Metabolism of Common Carp	vania,	The Uses of Geophysical Methods in
(Cyprinus carpio L.) And Prussian Carp	W74-07649 7-15 4A	Hydrogeological Investigations in Israel,
(Carassius auratus gibelio (Bloch)), (In Rumani-	LESCOT, J. C.	W74-11906 7-22 2F
an),	Oxygen Bleaching A Flexible Process for	
W74-11176 7-21 5C	Pollution Abatement,	LEVCHENKO, V. M.
LEOPOLD, L. B.	W74-07376 7-14 5D	Hydrochemical Description and Calcium-Car-
Some Rates of Geomorphological Processes,	7.14 32	bonate Equilibrium of Shumak Carbonate
W74-08304 7-16 2J	LESHCHINSKAYA, L. I.	Waters (Gidrokhimicheskaya kharakteristika i
117 23	Separate Determination of Residual Amounts	karbonatno-kal'tsiyevoye ravnovesiye Shumak-
WaterA Primer,	of Methylnitrophos in Apples and Water by the	skikh uglekislykh vod), W74-03256 7-07 2K
W74-09613 7-18 2A	Colorimetric Method, (In Russian),	W 14-03236 7-07 2K
	W74-13239 7-24 5A	LEVE, G. W.
LEPLY, L. K.		Water Quality and Related Studies, Jackson-
Oceanographic Mapping of Structure and Dynamics of the Northern Gulf of California	LESKOW, B. N.	ville Area, Florida,
by the Use of Spectral Modeling and ERTS-1,	Experimental Research in the Artificial Control	W74-12077 7-23 5B
W74-06673 7-13 2L	of Precipitation during the Cold Period of Year	
715 22	on an Experimental Meteorological Range, W74-11782 7-22 3B	LEVENDUSKY, D. B.
LEPPLE, F. K.	W74-11782 7-22 3B	Application of Federal Water Pollution Control
Mercury in the EnvironmentA Global Review	LESLIE, D. C.	Act Requiring Notice to Federal Agency of
Including Recent Studies in the Delaware Bay	Elimination of Phosphate Detergents and	Prohibited Discharge from a Vessel or Facility,
Region,	Psychological Reactance,	W74-09991 7-19 6E
W74-01373 7-03 5B	W74-10798 7-20 5C	
LEQUINIO, R.		LEVEQUE, C.
Hourly Average Concentrations of Pollutants	LESNIAK, D. G.	Hydrobiological Investigation of Lake Lere and
Due to Point Emissions Near to the Ground - A	Quantitative Chemical Analysis of Specific	Neighboring Ponds: I. The Physical Environ-
Probabilistic Approach,	Components of the Waters of Lost Creek and	ment, (In French),
W74-13124 7-24 5A	the Wabash River, Vigo County, Indiana,	W74-00501 7-01 2H
	W74-07405 7-14 5A	Hydrobiological Investigation of Lake Lere
LERIBAUX, H. R.	LESOVSKAYA, L. V.	(Chad) and Nearby Ponds: IV. The Benthic
On The Determination of Turbulent Diffusivity	Effect of the Forest on the Displacement of the	Fauna.
in Shallow Waters by Aerial Photography of Floating Markers,	Desna River Bed and the Significance of this	W74-00502 7-01 2H
W74-07316 7-14 2H	Effect on Forest Planting in the Floodplain, (In	
W/4-0/510	Russian),	Utilization of Factorial Analysis in Connection
LERMAN, A.	W74-04641 7-09 4A	with the Study of Growth in Benthic Mollusks
Strontium-90 and Cesium-137 in Water and		of Lake Chad, (In French),
Deep Sediments of the Great Lakes,	LESSO, W. G.	W74-12332 7-23 2H
W74-05208 7-10 5C	Instrumentation for Engineering Management	
Transport of Radionuclides in Sediments,	of a Multi-Purpose River Basin System (Trinity	LEVER, M.
W74-07814 7-15 5B	River Basin, Texas) Real-Time Engineering	Bis-Aroylhydrazones of Alpha-Diketones as
W/4-0/014	Management of a Multi-Purpose River Basin	Reagents for Colorimetric and Fluorimetric
LERNER, M. W.	System,	Determinations of Calcium, Cadmium and
Titrimetric Determination of Uranium with	W74-07369 7-14 4A	other Cations, W74-00286 7-01 2K
Electrogenerated Vanadium(V),	I ECTED D I	W/4-00280 /-01 2K
W74-03564 7-07 2K	LESTER, R. L. Occurrence of Phosphonosphingolipids in Bdel-	LEVI, D.
LEROUX, E. F.	lovibrio Bacteriovorus Strain UKi2,	Effect of Soil Moisture During Early Stages of
How Wells Affect Shallow Glacial Ground-	W74-06097 7-12 5A	Development on Growth and Yield of Cotton
Water Supplies in South Dakota.	W14-00091 1-12 3A	Plants,
W74-10873 7-20 4B	LESZCZYNSKI, C.	W74-10761 7-20 3F
	Purification of Bleached Kraft Mill Effluents	
LEROY, R. L.	by Activated Sludge Treatment (Oczyszczanie	LEVI, D. R.
The Range of Validity of the Linear Polariza-	metoda osadu czynnego sciekow z produkcji	Potential Citizen Initiated Legal Action Against
tion Method for Measurement of Corrosion	masy celulozowej siarczanowej bielonej),	Agricultural Pollution,
Rates, W74-00947 7-02 8G	W74-05267 7-10 5D	W74-09671 7-18 5G
17-007-17	LETOV C S O	A Review of Public and Private Livestock
LEROY, V. M.	LETOV, G. S. O.	
Spectrochemical Method For the Determina-	Natural Factors of Activation of Plague	Waste Regulations, W74-09669 7-18 5G
tion of 36 Elements in Industrial Effluent,	Epizootiae in Siberia, (In Russian),	W74-09669 7-18 5G
W74-11351 7-21 5A	W74-00990 7-02 2I	LEVIN, A. G.
LESAN, F. K.	LEUNG, S.	Models of Spring Runoff Formation and
Development of High-Pressure Spiral Mem-	Some Observations on Bacterial Populations in	Problems in Their Use for Forecasting the
brane Elements for Seawater Desalination.	Wilgreen Lake, Madison, KY.,	Flood Hydrograph,
W74-08336 7-16 3A	W74-01242 7-03 5B	W74-05842 7-11 2A

LEVI:4, A. V.

LEVIN, A. V.	LEVY, Y.	LEWIS, J.
Experimental and Theoretical Investigations of	Sedimentary Reflection of Depositional En-	Add Salt to Taste,
Artificial Crystallization and Dispersal of Su-	vironment in the Bardawil Lagoon, Northern	W74-05795 7-11 5B
percooled Clouds, W74-10234 7-19 3B	Sinai, W74-06283 7-12 2L	LEWIS, L. A.
W /4-10234	W 74-00283 7-12 2L	Slow Movement of Earth under Tropical Rain
LEVIN, G. V.	LEWANDER, K.	Forest Conditions,
Method for Radiorespirometric Detection of	Metabolic Effects of Technical Pen-	W74-05724 7-11 2J
Bacteria in Pure Culture and in Blood,	tachlorophenol (PCP) on the Eel Anguilla an-	LEWIS, L. N.
W74-04887 7-10 5A	guilla L.,	Evaluation of Remote Sensing in Control of
Plastic Moving-Surface Treatment of Sewage,	W74-00482 7-01 5C	Pink Bollworm in Cotton,
W74-07198 7-14 5D	LEWANDOWSKI, E. R.	W74-01679 7-04 3F
Common Toronton and Property	Diversion During Construction,	T PRIVED IN A
Sewage Treatment Process, W74-00960 7-02 5D	W74-01069 7-02 8A	LEWIS, P. A.
W 74-00900 7-02 3D	D' O' D A C' C F A D A	Description and Ecology of Three Stenonema Mayfly Nymphs,
LEVIN, J. E.	Riprap Slope Protection for Earth Dams: A Review of Practices and Procedures,	W74-02953 7-06 5A
Technical and Economic Evaluation of Cooling	W74-01093 7-02 8D	
System Blowdown Control Techniques,		LEWIS, R. E.
W74-06510 7-13 5D	LEWANDOWSKI, R.	Dispersion in Flow from a Continuous Source
LEVIN, M. A.	Determination of Nitrate in Water with a New	at Sea, W74-02163 7-05 5B
Membrane Filter Technique for Enumeration	Construction of Ion-Selective Electrode,	W /4-02103 /-03 3B
of Pseudomonas Aeruginosa,	W74-08420 7-16 5A	LEWIS, T. E.
W74-10042 7-19 7B	LEWELLEN, R. I.	Definition of Critical Coastal Areas and Ap-
LEVINE, D. W.	The Occurrence and Characteristics of	proaches to Standards for Management,
Isolation and Characterization of a Ther-	Nearshore Permafrost, Northern Alaska,	W74-08532 7-16 2L
motolerant Methanol-Utilizing Yeast,	W74-04359 7-09 2C	LEWIS, W. M. JR.
W74-04907 7-10 5A	I FWICKE C	The Thermal Regime of Lake Lanao
LEVING B I	LEWICKE, C. Water Pollution Control Across the Nation,	(Philippines) and its Theoretical Implications
LEVINS, P. L. Chemical Analysis of the Smoky-Burnt Odor	W74-01975 7-04 5G	for Tropical Lakes,
Complex in Diesel Exhaust,	117-01713	W74-04665 7-09 2H
W74-11005 7-21 5A	LEWICKE, C. K.	LEWKOWICZ, M.
	Ground Water Pollution and Conservation,	Rare and New Species of Rotifers in the Fauna
LEVIT, I. SH.	W74-00938 7-02 4B	of Poland,
Industrial Experience with Pneumatic-Mechani- cal Aerators (Obyt primeneniya pnevmomek-	Groundwater Issue Merits More Federal Pro-	W74-00970 7-02 2I
hanicheskikh aeratorov v proizvodstvennykh	tection, Groundwater Pollution and Conserva-	
usloviyakh),	tion,	LEWKOWICZ, S.
W74-05434 7-11 5D	W74-07854 7-15 5G	Chemical Changes in the Water and Accumula- tion Stratum of Soils in Ponds Fertilized with
		Beet-Sugar Factory Wastes,
LEVITZ, N. M. Chemical Engineering Division, Waste Manage-	LEWIN, J. Changes in the Concentration of Soluble and	W74-04116 7-08 5C
ment Programs, Quarterly Report, July-Sep-	Particulate Iron in Seawater Enclosed in Con-	
tember 1973,	tainers,	LEWOSZ, W.
W74-07788 7-15 5D	W74-00830 7-02 2K	Utilization of Aromatic Compounds by Benthic
CL CAR CONTRACTOR NO. 1		Microorganisms of a Eutrophic Lake, W74-04295 7-08 5C
Chemical Engineering Division Waste Manage- ment Programs Quarterly Report, October-	LEWIN, R. A.	W 74-04223
December 1973,	Influence of Iodine on Growth and Develop- ment of the Brown Alga Ectocarpus Siliculosus	LEYDEN, D. E.
W74-13128 7-24 5D	in Axenic Cultures,	Application of Chelating Ion Exchange Resins
	W74-06752 7-13 5C	for Trace Element Analysis of Geological Sam-
LEVY, E. M.		ples Using X-Ray Fluorescence,
A Method for the High Temperature Gas Chro- matographic Analyses of Petroleum Residues,	LEWIN, V. H.	W74-11364 7-21 5A
W74-03579 7-07 5A	Automatic Samplers for Sewage and Effluents,	LEYENDEKKERS, J. V.
	W74-01306 7-03 5A	The Ionic Activity Function of Water and the
LEVY, G.	LEWIS, A. G.	Activity Coefficient of the Hydrogen Ion in
Influence of Soil Water Logging During Spring,	Some Particulate and Soluble Agents Affecting	Seawater,
Followed by Summer Dryness, on the Behavior of Young Plants of Norway Spruce, (In	the Relationship Between Metal Toxicity and	W74-02760 7-06 1B
French),	Organism Survival in the Calanoid Copepod	LI, C. Y.
W74-05348 7-10 2I	Euchaeta Japonica,	Lake Ontario Hydraulic Model Study
	W74-12250 7-23 5C	(Preliminary Results),
LEVY, G. M.	LEWIS, A. T.	W74-09402 7-18 2H
Analysis of the Feasibility of an Experiment to	Concrete Gravity Dams,	On the Solution of Transient Free-Surface
Measure Carbon Monoxide in the Atmosphere, W74-06917 7-13 5A	W74-01066 7-02 8A	Flow Problems in Porous Media by the Finite
7-13 JA		Element Method,
LEVY, N. I.	LEWIS, C. H.	W74-06890 7-13 2F
Manual and Automatic Evaluation of	Investigation of the Effect of Coatings on the Failure Mechanisms of Fiberglass Yarn in Tu-	11.1.6
Hydrometric Data in Israel,	bular Reverse Osmosis Supports,	LI, J. C. Computer Utilization of Hydrological Data for
W74-11565 7-22 7C	W74-01935 7-04 3A	North Nashwaaksis Representative Basin,
LEVY, R.		W74-01294 7-03 7C
Zonal Centrifugation: Applied Aspects in Elu-	LEWIS, D. C.	
cidating Chemical and Biological Forms, Dis-	Hydrologic Engineering Methods for Water	LI, R. T.
tribution and Availability of Heavy Metals in	Resources Development: Volume 10. Principles of Ground-Water Hydrology,	Determination of Chromium in Biological Sam- ples Using Chemiluminescence,
the Environment, W74-12910 7-24 5B	W74-11232 7-21 8B	W74-12496 7-23 5A
1-24 30		,-23 JA

LI, T. Y.	LIEBENOW, H.	LIGMAN, K.
Some Natural Physical Processes Affecting the	Nitrates, Nitrites; Their Relationship to	Household Wastewater Characterization,
Recovery of the Great Lakes,	Animals, Man: IV. Factors Causing a Concen-	W74-08770 7-17 5B
W74-01974 7-04 5B	tration in Fodder Crops of Nitrates, Nitrites:	LICON LT
1 7 W 87	Their Dependence Upon Ecological Factors;	LIGON, J. T.
LI, W-H. Do-Sag in Oscillating Flow,	Time of Storage, (In German),	Distribution of Moisture in the Unsaturated
	W74-12741 7-23 5B	Soil Profile on a Piedmont Watershed,
W74-11897 7-22 5B	LIEBERMAN, J. E.	W74-09518 7-18 2G
Effect of Insoluble Grains on Leachate From	Summary of Environmental Monitoring at	Water Table and Soil Moisture Probabilities
Porous Beds,	Philadelphia, 1958-1971,	With Tile Drainage,
W74-00379 7-01 5B	W74-08648 7-16 5B	W74-05677 7-11 2G
W/4-003/9	W 74-08046 7-10 3B	1-11 20
Well-Mixed Estuaries with Nonlinear Re-	LIEBERMAN, L.	LIHAN, E.
sistance.	Microdilution Antibiotic Susceptibility Test:	Effect of Long-Term Application of Variously
W74-11137 7-21 2L	Examination of Certain Variables,	High Rates of Nutrients on Natural Grassland
	W74-02968 7-06 5A	Swards.
LIANG, S. S.		W74-04693 7-09 4A
Sediment Transport in Random Waves,	LIEBERMAN, M. T.	
W74-10390 7-20 2J	The Microbiology of Acid Mine Water Treat-	LIJESEN, D. P.
	ment in Packed Bed Columns,	Multiple Planning for Multipurpose Water
LIBBY, K. R. JR.	W74-05409 7-11 5D	Resource Systems: A Structure for Regional
An Ion-Exchange Process for Recovery of		Water Resource Development,
Chromate From Pigment Manufacturing,	LIEBERMAN, M. W.	W74-06106 7-12 6B
W74-10423 7-20 5D	Beryllium-Induced Ultrastructural Changes in	
	Intact and Regenerating Liver,	LIKE, I.
LIBOIS, A.	W74-09769 7-18 5C	Tuning Down the GNP,
Infiltration and Leaching of a Located Tracter	I IPPERMAN C II	W74-03744 7-07 6G
in an Unsaturated Soil: Effect of Initial	LIEBERMAN, S. H.	
Moisture Content, (in French),	Anodic Stripping Voltammetry of Zinc in Sea-	LIKENS, G. E.
W74-01752 7-04 2G	water with a Tubular Mercury-Graphite Elec-	Acid Rain: A Serious Regional Environmental
	trode,	Problem,
LIBOSVARSKY, J.	W74-05305 7-10 5A	W74-09098 7-17 5B
Fishery Survey Carried out at Lake Borullus,	LIEBHARDT, W. C.	
A. R. E., in the Spring of 1971, (In Czech),	Subsurface Asphalt Moisture Barriers in Sandy	Output of Phosphorus, Dissolved Organic Car-
W74-04643 7-09 2H	Soils.	bon, and Fine Particulate Carbon from Hub-
		bard Brook Watersheds,
LICHTE, F. E.	W74-05412 7-11 4B	W74-02759 7-06 2K
Emission Spectrometric Determination of Ar-	LIEBIG, W.	
senic,	Reduction of BOD and Phosphate by Chemical	Primary Production: Freshwater Ecosystems,
W74-06499 7-12 5A	Precipitation. Utilisation of Sludge,	W74-10805 7-20 5C
LIGHTENEDO I I	W74-02267 7-05 5D	The Board of Ware and Marines from
LICHTENBERG, J. J.	7-02 35	The Runoff of Water and Nutrients from
Gas Chromatographic Determination of Methyl	LIEBLING, G. R.	Watersheds Tributary to Cayuga Lake, New
Mercury in Fish, Sediment, and Water,	Analysis of the Feasibility of an Experiment to	York,
W74-03549 7-07 5A	Measure Carbon Monoxide in the Atmosphere,	W74-06848 7-13 5B
LICHWA, J.	W74-06917 7-13 5A	Water and Nutrient Budgets for Cayuga Lake,
The Determination of Heavy Metals in		New York,
Domestic Sewage Treatment Plant Wastes,	LIEBMAN, J. C.	W74-06849 7-13 5B
W74-07763 7-15 5A	Optimal Regionalization of Wastewater Treat-	7-13 38
W 14-07703 7-13 3A	ment for Water Quality Management,	LILLEHAMMER, A.
LICSKO, I.	W74-13048 7-24 5D	An Investigation of the Food of One- to Four-
The Effect of Hydrometeorological Conditions		Month-Old Salmon Fry (Salmo salar L.) in the
on the Zeta-Potential of Suspended Solids	LIEN, T.	Suldalslagen, West Norway,
(Hidrometeorologiai viszonyok hatasa a lebego	Synchronous Cultures of Chlamydomonas	W74-08679 7-16 21
anyagok Zeta-potencialjara),	Reinhardti: Properties and Regulation of	7-10 21
W74-10907 7-21 5B	Repressible Phosphatases,	Notes on the Feeding Relationships of Trout
1-21 JB	W74-05053 7-10 5C	(Salmo trutta L.) and Salmon (Salmo salar L.)
LIDDELL, R. W. III	LIEDA D A	in the River Suldalslagen, West Norway,
Interpretation of Infrared Specta Using Pattern	LIEPA, R. A.	W74-08680 7-16 2I
Recognition Techniques,	Native Infusoria of the River Svetupe in Sum-	7-16 21
	mertime, (In Russian),	LILLEVANG, O. J.
W74-02376 7-05 2K	W74-08925 7-17 2I	Mean Direction of Waves and of Wave Energy,
LIDDLE, J. A.	LIFSHIN, E.	W74-04328 7-09 2J
Modified Delves Cup Atomic Absorption	Computerized Digital Data Acquisition System	1-07 23
Determination of Lead in Blood,	for Thermogravimetry and Similar Applica-	LILLY, J. H.
W74-01415 7-03 5A	tions,	Toxicity of Droppings From Coumaphos-Fed
1-03 JA	W74-02977 7-06 2K	Hens to Little House Fly Larvae,
LIE, G. C.	7-00 ZK	W74-00410 7-01 5C
Study of the Structure of Molecular Com-	LIGGETT, J. A.	
plexes. VI. Dimers and Small Clusters of Water	Oxygen Depletion Model for Cayuga Lake,	LIM, CHEONG CHUP
Molecules in the Hartree-Fock Approximation,	W74-08007 7-15 5C	Water Resources Development in West Malay-
W74-12923 7-24 1A	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	sia,
1.54 1.6	LIGGETT, M. A.	W74-08463 7-16 3B
LIEB, A. J.	Regional Tectonic Control of Tertiary	
Accumulation of Dietary Polychlorinated	Mineralization and Recent Faulting in the	LIM, J. U.
Biphenyls (Aroclor 1254) by Rainbow Trout	Southern Basin Range Province, An Applica-	Hydrogeological Maps of Korea, 2. Upper
(Salmo Gairdneri),	tion of ERTS-1 Data,	Jinwi River Basin, (In Korean),
W74-13321 7-24 5C	W74-01710 7-04 7C	W74-11908 7-22 7C

LIMERINOS, J. T. LIMERINOS, J. T.

LIMERINOS, J. T. Flood Prone Areas in the San Francisco Bay Region, California, W74-06275 7-12 7C	LIND, B. Cadmium Uptake by Wheat from Sewage Sludge Used as a Plant Nutrient Source, A	LINDENMUTH, W. Analysis of Lightweight Oil Containment System Sea Trials, W74-11224 7-21 5G
LIN, A.	Comparative Study Using Flameless Atomic Absorption and Neutron Activation Analysis, W74-09758 7-18 5C	LINDGREN, D. T.
Shallow Water Waves: A Comparison of Theo- ries and Experiments,	LINDABERRY, H. L.	Land Use of Northern Megalopolis, W74-06630 7-13 4A
W74-04609 7-09 2E	Control of Aquatic Plant Life,	LINDH, G.
LIN, A. C. Identification of Parameters in an Inhomogene-	W74-03653 7-07 4A LINDAHL, P. C.	Urbanization: A Hydrological Headache, W74-04642 7-09 4C
ous Aquifer by Use of the Maximum Principle	Cadmium: Mode of Occurrence in Illinois	LINDHOLM, O. G.
of Optimal Control and Quasi-Linearization, W74-12308 7-23 2F	Coals,	Modeling of Wastewater Disposal Systems,
W /4-12306 /-23 2F	W74-09578 7-18 5B	W74-05388 7-10 5D
LIN, K. H. Preliminary Evaluation of Methods for the Disposal of Tritiated Water from Nuclearly Stimulated Natural Gas Wells,	LINDAHL, P. E. B. Algal Assays of Archipelago Waters. Quantitative Aspects,	LINDLEY, H. An Automatic Sample Loader for Column Chromatography,
W74-09837 7-19 5C	W74-06015 7-12 5C	W74-05438 7-11 5A
IIN D E	LINDALL, W. H. JR.	LINDLEY, J. A.
LIN, P. E. Procedures for Testing the Difference of Means with Incomplete Data,	Cooperative Gulf of Mexico Estuarine Invento- ry and Study, Florida: Phase 1 Area Descrip- tion.	Effects of Particle Size on the Aerobic Treatment of Animal Waste, W74-10142 7-19 5D
W74-03581 7-07 7C	W74-06995 7-13 2L	
LIN, S.		LINDORF, M. R. Computer Simulation of Estuarial Networks,
Algae in the Spoon River, Illinois 1971-1972,	LINDALL, W. N. JR. Fishes, Macroinvertebrates, and Hydrological	W74-01197 7-03 2L
W74-05483 7-11 5B	Conditions of Uplands Canals in Tampa Bay,	
A Chlorine Demand Study of Secondary	Florida,	LINDPERE, A. Use of Sephadex Gel for the Fractionation of
Sewage Effluents, W74-10498 7-20 5D	W74-05916 7-11 5C	Organic Matter in Lake Water, (In Russian),
	LINDBERG, S.	W74-02343 7-05 5A
LIN, S. S. Soil Moisture Profile Under Steady Infiltration,	Decolorization of Bleach Plant Effluent and	LINDQUIST, J.
W74-08273 7-16 2G	Chloride Handling, W74-11092 7-21 5D	A Liquid Ion-Exchange Nitrate-Selective Elec- trode Based on Carbon Paste,
LIN, W.	INDREDC C E	W74-03884 7-08 5A
Hydrodynamics of Laminar Flow Over a	LINDBERG, S. E. Mechanisms Controlling Pore Water Salinities	LINDSAY, W. L.
Porous Bed, W74-02770 7-06 2E	in a Salt Marsh, W74-02761 7-06 2K	Inorganic Reactions of Sewage Wastes with Soils,
LIN, Y. H.	Mercury Organic Matter Associations in	W74-05973 7-12 5D
Treatment of Oily and Metal-Containing Wastewater, W74-03852 7-08 5B	Estuarine Sediments and Interstitial Water, W74-11122 7-21 5B	LINDSEY, C. C. New Complexities in Zoogeography and Tax-
	LINDBERGH, J. M.	onomy of the Pygmy Whitefish (Prosopium coulteri),
LIN, Y.S. Sewage Treatment Method and Apparatus,	Pacific Salmon Aquaculture ProgramIncuba-	W74-06498 7-12 2H
W74-00082 7-01 5D	tion and Cultivation Phases, W74-03028 7-06 2L	LINDSEY, J. P.
LINACRE, E. T.		Annotated Checklist and Host Index for
Leaf Temperatures, Diffusion Resistances, and	LINDBLOM, C.	Arizona Wood-Rotting Fungi, W74-07097 7-14 2I
Transpiration, W74-01254 7-03 2D	Incrementalism and Environmentalism, W74-12463 7-23 6G	
		LINDSEY, R. A. Casing Potential Logging Related to Vertilog
LINCOLN, A. J. Spectrochemical Method For the Determina-	LINDEBORG, K. H. Evaluation of the Regional Multipurpose	Corrosion Logging,
tion of 36 Elements in Industrial Effluent,	Economic Benefits Resulting From a Water	W74-07868 7-15 8G
W74-11351 7-21 5A	and Related Land Resource Development,	LINDSKOV, K. L.
LINCOLN, D. A.	W74-02439 7-05 6B	Movement and Dispersion of Soluble Materials
Corrosive Effects of Potable Water, W74-07886 7-15 8G	Relationship of Pumping Lift to Economic Use of Groundwater for Irrigation,	in Salem Creek, Muddy Creek and Yadkin River Between Winston-Salem and Salisbury,
	W74-01120 7-03 4B	North Carolina,
LIND, A. O. Application of ERTS-1 Imagery in the Ver-	LINDEKEN, C. L.	W74-11749 7-22 5B
mont-New York Dispute Over Pollution of	Environmental Levels of Radioactivity in the	LINDSTEDT, G.
Lake Champlain, W74-09585 7-18 5B	Vicinity of the Lawrence Livermore Laborato-	Methods of Analysis, W74-07681 7-15 5A
	ry - 1973 Annual Report, W74-11660 7-22 5B	LINDSTEN, J.
Environmental Study of ERTS-1 Imagery: Lake Champlain and Vermont,		Methylmercury-Induced Chromosome Damage
W74-02581 7-05 7B	LINDELL, S. S. Shigella Sonnei Isolated from Well Water,	in Man.
Ice Development on Lake Champlain,	W74-01551 7-03 5A	W74-12503 7-23 5C
W74-11772 7-22 2H	LINDEN, D. R.	LINDSTROEM, K.
Pollution Monitoring in Lake Champlain Using	Infiltration and Water Table Effects of Soil Air	Determination of Organic Acids of Low Rela- tive Molecular Mass (C-1 to C-4) in Dilute

Pressure Under Border Irrigation,

W74-07301

7-15 5A

Aqueous Solution, W74-12929

7-24 5A

7-14 3F

ERTS-1 Imagery,

W74-08009

LINK, D. A.

LINDSTROM, E. A.

Influence of Solvation Factors on Acidity.

Observations on Planktonic Diatoms in the	Optimized Design of a Subsurface Drainage	Volumes of Ionization of the Meta and Para
Lake-River System Lake Mjosa-Lake Oyeren-	System,	Isomers of Nitrophenol and Formylphenol in
River Glama, Norway,	W74-13025 7-24 4A	Water at 25 deg, W74-03139 7-06 1B
W74-13341 7-24 2H	LINK, L. E.	W74-03139 7-06 1B
LINDSTROM, F. T.	Utilization of Remote Sensing in River Basin	The Interaction of Water with Organic Solute
Experimental Evaluation of Chemical Trans-	Studies,	Species,
port in Water-Saturated Porous Media: 1. Non-	W74-01154 7-03 5A	W74-03762 7-08 1B
sorbing Media,	7-03 31	7-00 15
W74-12306 7-23 2G	LINKLETTER, G. O.	Mechanism of Transmission of Nonconjugative
	Silver Concentrations in Antarctic Snow and	Substituent Effects. IV. Analysis of the Dis-
Heat Budget of Cooling Basins,	Firn,	sociation Constants of 6-Substituted Spiro (3.3)
W74-09922 7-19 5D	W74-06930 7-13 5A	Heptane-2-Carboxylic Acids,
		W74-00324 7-01 2K
LINDSTROM, M. J.	Soluble Particulates in Ice From Site 2, Green-	
Soil Mulch Effects on Seedbed Temperature	land,	Sigma-Inductive Model vs. Field Model. Obser-
and Water During Fallow in Eastern Washing-	W74-00334 7-01 2C	vation of a Reversed Attenuation Effect,
ton,	TIME I C	W74-00323 7-01 2K
W74-10333 7-19 3F	LINN, J. G.	Thermodynamics of Acid-Base Equilibria. II.
LINEKIN, D. M.	Quality of Life in Kickapoo Valley Communi-	Ionization of m- and p-Hydrox-
Multielement Instrumental Neutron Activation	ties, W74-09068 7-17 6B	ybenzotrifluoride and the Concept of Fluorine
Analysis of Biological Tissue Using a Single	W /4-09008 /-1/ OB	Double Bond-No Bond Resonance,
Comparator Standard and Data Processing by	LINNMAN, L.	W74-01226 7-03 2K
Computer,	Cadmium Uptake by Wheat from Sewage	W 74-01220 7-03 2K
W74-06022 7-12 5A	Sludge Used as a Plant Nutrient Source, A	Thermodynamics of Acid-Base Equilibria. III.
7-12 JA	Comparative Study Using Flameless Atomic	Ionization of Substituted Anilinium Ions,
LINELL, K. A.	Absorption and Neutron Activation Analysis,	W74-03140 7-06 1B
Long-Term Effects of Vegetative Cover on	W74-09758 7-18 5C	
Permafrost Stability in an Area of Discontinu-		Thermodynamics of Acid-Base Equilibria. m'
ous Permafrost,	LINO, P.	and p' Hydroxybenzaldehyde,
W74-04417 7-09 4C	The Impact of Policy Variables on Residential	W74-03738 7-07 2K
	Water Demand and Related Investment	
Risk of Uncontrolled Flow from Wells Through	Requirements,	LIPAEVA, L. I.
Permafrost,	W74-03477 7-07 6D	Changes in Vessel Diameter in Two Species of
W74-04395 7-09 2F	TIME T IV	Herbaceous Plants, (In Russian),
I Shirt I I/ A Ahir	LINS, T. W.	W74-04280 7-08 2I
LINELL, K. A. AND	An Evaluation of Subsurface Techniques For	LIPMAN, P. W.
Engineering Design and Construction in Per-	Aquifer Prediction in Complex Sedimentary	Meteoric Water in Magmas,
mafrost Regions: A Review, W74-04404 7-09 8D	Systems, W74-10533 7-20 2F	W74-11112 7-21 2K
W /4-04404 /-09 8D	W74-10533 7-20 2F	W/4-11112 /-21 2K
LINER, G. H.	LINSLEY, R.	LIPOVKOV, I. Z.
Economic Analysis of Water Supply Needs and	Continuous Simulation Models in Urban	Thermal Drying of Activated Sludge from Pu-
Alternatives in a Multi-County Industrial Area,	Hydrology,	rification Equipment (Termosushka aktivnogo
W74-09808 7-19 6D	W74-09479 7-18 3D	ila ochistnykh sooruzhenii),
		W74-03070 7-06 5D
LINES, G. C.	LINSLEY, R. K. JR.	
Water Availability, Coosa County, Alabama,	Implications of the National Water Commission	LIPOVSKAYA, V. I.
W74-08188 7-16 4A	Report for the Universities Council on Water	Division of the USSR Into Zones Based on
	Resources,	Snow Loads on a Horizontal Surface
LING, C-H.	W74-03173 7-06 6B	(Rayonirovaniye territorii SSSR po snegovoy
On the Calculation of the Roughness Parameter	· ····································	nagruzke na gorizontal'nuyu poverkhnost'),
of Sea Ice,	LINSTEDT, K. D.	W74-10264 7-19 2C
W74-05164 7-10 2C	Individual Home Aerobic Wastewater Treat-	St + T C I I-
LINGENFELTER, R. E.	ment Systems,	Short-Term Snow Loads,
Power Law Dependence on Time of River	W74-00434 7-01 5D	W74-00111 7-01 2C
Flood Decay and Its Relationship to Long-	A Modified Filtration Method for the Analysis	LIPPER, R. I.
Term Discharge Frequency Distribution,	of Wastewater Suspended Solids,	Diffusion of Cattle Manure Solution Through a
W74-04806 7-09 4A	W74-01318 7-03 5A	Wet Porous Stratum with Reaction,
W/4-04000 /-09 4A	W/4-01510 /-05 5A	W74-05591 7-11 5B
LINGG, A. J.	LINTHICUM, D. S.	W/4-05571 /-11 3B
The Influence of Organic Decomposition on	Regulation of Brain and Eye Temperatures by	LIPPERT, J.
Carbon Dioxide Hydrogen Sulfide, Dissolved	the Bluefin Tuna,	Environmental Radioactivity in Denmark in
Oxygen, and Algae Growth in the Dworshak	W74-04239 7-08 5C	1972,
Reservoir,		W74-09087 7-17 5B
W74-02444 7-05 5C	LINTHURST, R. A.	
	Existing Aerial Photographic Resources of	Environmental Radioactivity in Greenland in
LININGER, R. L.	Coastal Georgia and a Brief Listing of In-	1972,
Seventh Annual Survey Report on the Air	terpretative Aids,	W74-09088 7-17 5B
Weather Service Weather Modification Pro-	W74-05042 7-10 2J	Environmental Budio-scioles in the E
gram (FY 1974),	LIOTTA C I	Environmental Radioactivity in the Faroes in
W74-11433 7-21 3B	LIOTTA, C. L.	1972, W74 00086
Sixth Annual Survey Deport on the Air	Comparison of Field and Sigma-Inductive Models for the Transmission of Nonconjuga-	W74-09086 7-17 5B
Sixth Annual Survey Report on the Air Weather Service Weather Modification Pro-	tive Substituent Effects. The 2,6-Spiro (3,3)	LIPPERT, T. E.
gram (FY 1973),	Heptyl System,	System for Treating Dilute Slurries,
W74-06356 7-12 3B	W74-03737 7-07 2K	W74-09188 7-17 5D
7-12 30	. Ur ak	50

LIPPOLIS, M. T.

LIPPOLIS, M. T. Determination of Traces of Copper, Lead, Cadmium, Nickel, Zinc and Iron in Silver Halides	LITOVITZ, T. A. Depolarized Rayleigh Scattering and Hydrogen Bonding in Liquid Water,	LIU, D. Mechanism of NTA Degradation By a Bacterial Mutant,
by Pulse Polarography,	W74-12922 7-24 1A	W74-01515 7-03 5B
W74-10447 7-20 5A	LITOVSKA, G.	Studies of Rapid NTA-Utilizing Bacterial Mu-
LIPSCOMB, E. B. Nivigation Improvements in Barnhart Island-	Use of Fibrous Materials for Removal of Iron and Iron Compounds From Thermoelectric Power Plant Water and Condensates,	tant, W74-01348 7-03 5B
Corwall Island Reach, St. Lawrence River: Hydraulic Model Investigation, W74-05712 7-11 8B	(Izpolzuvane na vlaknest material za ulavyane na zhelezo i zhelezni suedineniya ot vodite i	LIU, D. H. Development of Field-Applied DDT, W74-12218 7-23 5G
I IDTAV D C	kondenzatite na tets), W74-02251 7-05 5D	W /4-12218 /-23 3G
LIPTAK, B. G. Pollution Analyzers for Air and Water-Who makes What,	LITOVSKI, Z.	LIU, D. L. S. Microbial Degradation of Crude Oil and the
W74-06153 7-12 5A	Use of Fibrous Materials for Removal of Iron and Iron Compounds From Thermoelectric	Various Hydrocarbon Derivatives, W74-08620 7-16 5B
LISHKA, R. J. Evaluation of a Low-Cost Arsenic and Selenium Determination at Microgram-Per-Liter	Power Plant Water and Condensates, (Izpolzuvane na vlaknest material za ulavyane na zhelezo i zhelezni suedineniya ot vodite i	LIU, P. C. Spectral Analysis of Shallow Water Waves in Lake Michigan,
Levels, W74-03851 7-08 5A	kondenzatite na tets), W74-02251 7-05 5D	W74-03439 7-07 2H
W /4-03831 /-08 3A		LIU, P. L-F.
LISITSYNA, I. N.	LITSINGER, G. M. Irrigation Riser Base System,	Damping of Water Waves Over Porous Bed,
Complex Use of Volga Water Resources (Kompleksnoye ispol'zovaniye vodnykh resur-	W74-12801 7-24 3F	W74-02315 7-05 2E
sov Volgi), W74-05837 7-11 3F	LITSKY, W. Significance of Cellulose Production by Plank-	Mass Transport in Water Waves. Part I. Theory. Part II. Experiments, W74-03108 7-06 2J
LISITSYNA, N. A.	tonic Algae in Lacustrine Environments, W74-01927 7-04 5C	
Clay Minerals in Sediments From The Northwestern Part of The Pacific Ocean	LITTLE, J. A.	Quadratic Loss and Scattering of Long Waves, W74-11478 7-22 8B
(Glinistyye mineraly v osadkakh severo-zapad-	Water Pollution by Dairy Farm Wastes as Re-	LIU, S. K.
noy chasti Tikhogo okeana), W74-10382 7-20 2J	lated to Method of Waste Disposal, W74-01651 7-04 5B	A Three-Dimensional Model for Estuaries and Coastal Seas: Volume I. Principles of Compu-
Mechanism of Element Distribution in the	LITTLE, L. W.	tation,
Pacific Ocean (Japanese Profile) (K poznaniyu mekhanizma raspredeleniya elementov v Tik-	Enhanced Nitrification by Addition of Clinop- tilolite to Tertiary Activated Sludge Units,	W74-04301 7-09 2L
hom okeane (Yaponskiy profil')), W74-07503 7-14 2J	W74-10479 7-20 5D	LIU, T. C. The Response to Tidal Fluctuations of a Leaky
	Methods for Improvement of Trickling Filter	Aquifer System, W74-04308 7-09 2F
LISK, D. J. Arsenic Content of Fish from New York State	Plant Performance. Part I. Mechanical and Biological Optima,	
Waters, W74-01900 7-04 5C	W74-00431 7-01 5D	LIUM, B. W. Some Aspects of Aquatic Insect Populations of
	LITTLE, R. L. Water Quality Criteria Data Book - Vol. 5 - Ef-	Pools and Riffles in Gravel Bed Streams in Western United States.
Trace Metals in Lake Cayuga Lake Trout (Salvelinus Namayoush) in Relation to Age,	fects of Chemicals on Aquatic Life,	W74-09919 7-19 2E
W74-11336 7-21 5C	W74-10541 7-20 5C	LIUZZO, G.
Trace Metals in New York State Fish, W74-11934 7-22 5C	LITTLE, W. C. The Role of Sediment Gradation on Channel	Multi-Stage Flash Evaporator, W74-02490 7-05 3A
LISONI, L.	Armoring, W74-07731 7-15 2J	LIVINGSTON, R. B.
Long-Distance Telemetry of Data for Flood		Influence of Birds, Stones and Soil on the
Forecasting, W74-05859 7-11 4A	LITTLEFIELD, L. H. The Effect of Feeding Laying Hens Various	Establishment of Pasture Juniper, Juniperus communis, and Red Cedar, J. virginiana in New
LIST, E. J.	Levels of Cow Manure on the Pigmentation of Egg Yolks,	England Pastures, W74-01894 7-04 21
Disposal of Brine into An Estuary,	W74-00407 7-01 5C	LIVINGSTON B V
W74-02735 7-06 5B	LITTLETON, R. T.	LIVINGSTON, R. K. Transit Losses and Travel Times for Reservoir
LISTER, H. Glacial Origin of Pro-Glacial Boulders,	Geothermal Development and Southwest Storage Basins,	Releases, Upper Arkansas River Basin, Colorado,
W74-09336 7-18 2C	W74-06945 7-13 4B	W74-07931 7-15 4A
LISTER, N. A.	LITTLETON, T. G. Nitrogen Metabolism of Stargrass as Affected	LLENADO, R. A. Ion-Electrode Based Automatic Glucose Analy-
Biological Effects of Fenitrothion in the Diet of Brook Trout,	by Nitrogen and Soil Salinity, W74-08806 7-17 3C	sis System, W74-01513 7-03 5A
W74-06169 7-12 5C		LLEWELLYN, G. C.
LISTON, J.	LITTMAN, F. E. Membrane Regeneration for Wastewater Recla-	Evaluation of the Response of Dugesia Tigrina
Temperature-Gradient Incubator for the Growth of Clostridia,	mation Using Reverse Osmosis, W74-09554 7-18 5D	to Aflatoxin B1, W74-01404 7-03 5C
W74-03878 7-08 5A		LLOYD, A.
LITHEN, E. E.	LITZ, L. M. New Polymer Membrane Technology for	The Solvent Extraction Atomic Absorption
Oil Recovery Vessel,	Desalination of Seawater by Reverse Osmosis,	Analysis of Effluents and Water,
W74-00089 7-01 5G	W74-00312 7-01 3A	W74-11260 7-21 5A

LLOYD, A. G. Studies on the Effects of the Oral Administra-	Fish Toxicity Survey of Four Prairie Province Pulp Mill Effluents,	Phosphate Removal from Duck Farm Wastes, W74-13309 7-24 5D
tion of Di-(2-Ethylhexyl) Phthalate on some Hepatic Enzymes in the Rat,	W74-11075 7-21 5C	Pilot Plant Comparison of Liquid and Dry
W74-10885 7-20 5C	LOCHAMY, J. C. Environmental Surveillance for Radioactivity	Waste Management Systems for Poultry Manure,
LLOYD, B.	in the Vicinity of the Crystal River Nuclear	W74-09709 7-18 5D
The Construction of a Sand Profile Sampler: Its Use in the Study of the Vorticella Populations	Power Plant: An Ecological Approach, W74-04173 7-08 5B	Removal of Phosphorus from Liquid Animal
and the General Interstitial Microfauna of Slow	LOCHER, F. A.	Manure Wastes, W74-09696 7-18 5D
Sand Filters, W74-03286 7-07 5A	Flow-Induced Forces on Protruding Walls,	LOELTZ, O. J.
LLOYD, E. H.	W74-05737 7-11 8B	Geohydrology of the Parker-Blythe-Cibola
What Is, and What Is Not, a Markov Chain,	LOCHER, P. AND Concerning Large-Scale Cultivation of Thermo-	Area, Arizona and California, W74-12339 7-23 2F
W74-11470 7-22 2A	philic Cosmopolitan Mastigocladus Laminousus	LOETSCHERT, W.
LLOYD, J. W.	Cohn (Cyanophyta) in Icelandic Hot Springs, W74-04486 7-09 21	Investigations on the Cation-Content in a Bog:
The Hydrogeology and Utilization of Brines in El Salado, Chile,	LOCHMULLER, C. H.	I. Differences in the Vegetation-Complexes, (In German),
W74-07936 7-15 4A	Trace Metal Analysis in Water by Proton-In-	W74-13470 7-24 2H
LLOYD, R.	duced X-Ray Emission Analysis of Ion- Exchange Membranes,	Investigations on the Cation-Content in a Bog:
Changes in Urine Flow Rate and Haematocrit Value of Rainbow Trout Salmo Gairdneri	W74-11355 7-21 5A	II. Seasonal Changes and Influence of the Sphagnum Vegetation, (In German),
(Richardson) Exposed to Hypoxia,	LOCK, J. T.	W74-13471 7-24 2H
W74-12277 7-23 5C	Effect of Anhydrous Ammonia on a Central Texas Pond, and a Review of Previous	LOF, G. O. G.
LO, H. W. High Zinc Concentration in Common Carp	Research with Ammonia in Fisheries Manage-	Residuals in Manufacture of Paper,
Viscera,	ment, W74-07595 7-14 5C	W74-07399 7-14 5B
W74-11946 7-22 5C	LOCK, M. A.	Supply Curve for Thermal Efficiency, W74-08509 7-16 6A
LOACH, K.	The Responses to Current Flow of Two Stream	LOFGREEN, G. P.
Effects of Shading and of Seasonal Differences in Weathering on the Growth, Sugar Content	Dwelling Triclads, Crenobia Alpina (Dana) and Polycelis Felina (Dalyell),	Sprinkling Cattle for Relief from Heat Stress,
and Sugar Yield of Sugar Beet Crops, W74-01229 7-03 3F	W74-00971 7-02 21	W74-00421 7-01 3F
	LOCK, W. P.	LOFGREN, B. E. Hazards of Waste Disposal in Groundwater
LOBACH, V. T. Aircraft Measurement of Sea-Wave Parameters	An Experimental Investigation into Effects of Pulp Mill Effluent on Structure of Biological	Basins,
by the Radio-Engineering Method (Izmereniye	Communities in Alberni Inlet, British Colum-	W74-03357 7-07 5E
parametrov morskogo volneniya radiotekh- nicheskim metodom s letatel'nogo apparata),	bia. Part 1: Subtidal Communities, W74-05047 7-10 5C	LOGAN, R. F.
W74-09933 7-19 7B	LOCKE, M.	The utilization of the Namib Desert, Southwest Africa,
LOBACZ, E. F.	A Fossil Plant Environmental Impact Study,	W74-06483 7-12 4A
Corps of Engineers Technology Related to Design of Pavements in Areas of Permafrost,	W74-08874 7-17 5C	LOGAN, S. E.
W74-04414 7-09 4C	LOCKETT, J. B. Phenomena Affecting Improvement of the	Deep Self-Burial of Radioactive Wastes by Rock-Melting Capsules,
Shear Strength at a Thaw Interface,	Lower Columbia Estuary and Entrance,	W74-11664 7-22 5E
W74-04390 7-09 2C	W74-04763 7-09 2L	LOGSDON, G. S.
LOBKO, V. V.	LOCKWOOD, M. G. Tidal Inlets for Preservation of Estuaries,	Mercury Removal by Conventional Water- Treatment Techniques.
Multistage System for Biological Purification of Waste Waters (Mnogostupenchataya sistema	W74-03342 7-07 2L	W74-09773 7-18 5F
biologicheskoi ochistki stochnykh vod),	LOCKWOOD, P.	LOGVINENKO, N. V.
W74-03072 7-06 5D	Microbes and Petroleum: Perspectives and Im-	Recent Sediments of the Pacific Ocean Off the Coasts of Peru and Chile (Sovremennyye osad-
LOBUE, J. F. Water Well StandardsArroyo Grande Basin,	plications, W74-08621 7-16 5B	ki Tikhogo okeana u beregov Peru i Chili),
San Luis Obispo County,	LOCKWOOD, R. A.	W74-03829 7-08 2J
W74-03057 7-06 5B	Adsorption of Hg(II) by Hydrous Manganese	LOH, P. Water Recycling of Sewage Effluent by Irriga-
LOCH, J. S. Benthos Studies (1971 and 1972) on the Win-	Oxides, W74-05491 7-11 5A	tion: A Field Study on Oahu,
nipeg River in the Vicinity of the Abitibi	LOCKYER, D. R.	W74-02631 7-05 2B
Manitoba Paper Company, Pine Falls, Manitoba,	Plant-Available and Extractable Sulfur in Some Soils of England and Wales.	LOHAMMAR, G. The Vegetation of Swedish Lakes,
W74-09460 7-18 5C	W74-01997 7-04 2G	W74-12558 7-23 5C
A Benthos Survey (1972) in the North	LOEFFLER, H.	LOHMAR, J.
Saskatchewan River in the Vicinity of the Prince Albert Pulp Company, Prince Albert,	Contribution to the Limnology of High Moun-	Application of Activated Carbon for the En- richment of Trace Elements and Their Deter-
Saskatchewan,	tain Lakes in Central America, (In German), W74-02107 7-04 2H	mination by Atomic Absorption Spectrometry.
W74-09459 7-18 5C	LOEHR, R. C.	(Uber die Verwendung von Aktivkohle zur An- reicherung von Spurenelementen mit nachfol-
Factors Affecting Acute Toxicity Bioassays with Pulp Mill Effluent.	Characteristics and Comparative Magnitude of Non-Point Sources.	gender Bestim mung durch Atomabsorptions- Spektrometrie,
W74-11076 7-21 5C	W74-12278 7-23 5B	W74-02433 7-05 5A

LOUDREDG W

LOHRBERO, W.		
LOHRBERG, W.	LONG, C. A.	LONNQUIST, C. G.
Modern Position Fixing Methods,	Environmental Status of the Lake Michigan	Two-Distribution Method for Modeling and
W74-11536 7-22 7B	Region, Volume 15. Mammals of the Lake	Sequential Generation of Monthly Stream-
LOIJENS, H. S.	Michigan Drainage Basin, W74-13121 7-24 6G	flows, W74-12283 7-23 2E
Airborne Measurement of Snow-Water	W/4-13121 /-24 60	W /4-12263 /-23 ZE
Equivalent Using Natural Gamma Radiation	LONG, D. E.	LONSDALE, P. F.
Over Southern Ontario, 1972-1973,	Will Municipal Sewage Continue to Threaten	Current-Controlled Abyssal Sedimentation:
W74-05853 7-11 2C	Primary Water-Contact Recreation: An Appraisal of the 1972 Water Pollution Control Act,	Samoan Passage, Equatorial West Pacific,
LOKHNINA, M. I.	W74-06969 7-13 5G	W74-10364 7-20 2J
Some Results of Water Purification at Viscose		LONSKY, W.
Rayon Factories (Nekotorye itogi raboty	LONG, R. P.	Model Studies on Reactions Occurring in Ox-
vodoochistnykh sooruzhennii predpriyatii viskoznykh volokon),	Prefabricated Filter-Fin for Subsurface Drains, W74-06348 7-12 4A	idations of Lignin with Molecular Oxygen in
W74-08429 7-16 5D	7-12 41	Alkaline Media, W74-08359 7-16 5B
LONGHIN B	LONG, R. R.	
LOKSHIN, B. A. Geothermal Resources of the USSR and	Some Experimental Observations of Upstream Disturbances in a Two-Fluid System,	LOOK, D. C.
Prospects for Their Practical Use,	W74-13003 7-24 8B	Thermal Radiative Properties of a Smooth Air- Water Interface,
W74-08986 7-17 2F		W74-02874 7-06 2K
LOMAS, I.	LONG, S. J.	700 21
Evaporation from Bare Soil in a Coastal En-	Atomic Absorption Determination of Elemental Mercury Collected from Ambient Air on Silver	LOOMIS, H. G.
vironment,	Wool,	A New Method for Determining Normal Modes
W74-08305 7-16 2D	W74-11705 7-22 5A	of Irregular Bodies of Water with Variable Depth,
LOMBARDO, J. B.	LONGBOTTOM, J. E.	W74-06318 7-12 2L
Improved Distillation Method for Volatile	Gas Chromatographic Determination of Methyl	
Acids Analysis,	Mercury in Fish, Sediment, and Water,	A Package Program for Time-Stepping Long
W74-01322 7-03 5A	W74-03549 7-07 5A	Waves into Coastal Regions with Application to Haleiwa Harbor, Oahu,
LOMBARDO, P. S.	LONGDEN, P. C.	W74-06316 7-12 2L
Water Quality Simulation and Application,	Effects of Some Soil Conditions on Sugar Beet	
W74-06419 7-12 5B	Seedling Emergence,	LOOS, J. F.
LOMEN, D. O.	W74-00389 7-01 3F	Study of Hydrophilic Membranes for Oil-Water Separation,
Seepage Through a Hillside: The Steady Water	LONGERICH, L.	W74-06360 7-12 5D
Table,	Chemical Oceanography of the Gulf of Alaska,	
W74-07517 7-14 2G	W74-06428 7-12 2L	LOOS, P.
LOMENICK, T. F.	LONGEST, JAMES W.	Recreation in the Open Air, W74-05003 7-10 6B
The Occurrence and Retention of	Investigation of the Public and Private Interests	W 74-03003
Radionuclides in the Sediments of White Oak	in the Chesapeake Bay Area,	LOOSEMORE, W. R.
Lake, W74-11665 7-22 5B	W74-03332 7-07 6B	Ultrasonic River Flow Measurement,
W /4-11003	LONGFIELD, R. J.	W74-02250 7-05 2E
Site Investigations for a Bedded-Salt Pilot Plant	Floods of January 1974 in Washington,	LOPEZ-BENITO, M.
in Permian Basin, W74-03249 7-07 5E	W74-11752 7-22 2E	Silicate in the Water of the Bay of Vigo (In
W 14-03249 7-07 3E	LONGHOUSE, A. D.	Spanish),
LOMONOSOV, I. S.	Reduction in Moisture and Daily Removal of	W74-01007 7-02 2L.
Cuases of Geographical Distribution of Ox-	Wastes from Caged Laying Hens,	LOPEZ DE SAGREDO, F.
ygen-18 and Deuterium in Thermal Water of the Sayan-Baykal Mountains (Prichiny	W74-09677 7-18 5D	Identification of Large Masses of Citrus Fruit
geograficheskogo raspredeleniya kisloroda-18 i	LONGINOV, V. V.	and Rice Fields in Eastern Spain,
deyteriya v termal'nykh vodakh Sayano-	The Determination of Maximum Wave Veloci-	W74-01668 7-04 3F
Baykal'skoy gornoy strany),	ties in the Shore Zone of the Sea,	LORAIN, G.
W74-05560 7-11 2K	W74-04437 7-09 2J	ERTS-1 Evaluation of Natural Resources
LOMOVA, M. A.	The Possibility of Calculating the Sand Drift	Management Applications in the Great Basin,
Activated Sludge Microflora in Aeration Ponds	Along a Shallow-Water Coastt. II. Definition of	W74-01673 7-04 4A
for Secondary Purification of Pulp and Paper	the Basic Concepts and Terms and Formulation	LORANT, F. I.
Mill Effluents (Issledovanie mikroflory aktiv- nogo ila aeriruemykh prudob po doochistke	of the Problem of Determining the Drift, W74-03447 7-07 2J	Flood Plain Studies in Ontario,
stochnykh vod tsellyulozno-bumazhnykh		W74-12090 7-23 6F
predpriyatii),	The Possibility of Forecasting Transient	LORD, C. J.
W74-13425 7-24 5D	Coastal Relief Changes by Waves, W74-04436 7-09 2J	Offshore Airports Ease Environmental
System of Combined and Profound Treatment		Problems,
of Pulp and Paper Industry Waste Waters with	Some Aspects of Wave Action on a Gently	W74-11127 7-21 6G
Activated Sludge,	Sloping Sandy Beach,	LORD, W.
W74-12428 7-23 5D	W74-00527 7-01 2E	Economic Growth Vs. Environmental Protec-
LONDQUIST, C. J.	LONGUET-HIGGINS, M. S.	tion: What Will be the Outcome,
Map Showing Availability of Groundwater,	Longshore Currents Generated by Obliquely	W74-05644 7-11 6C
Warren Quadrangle, Massachusetts, W74-12632 7-23 7C	Incident Sea Waves, W74-04943 7-10 2E	LORD, W. B.
1-23 /	210 215	

7-09 2J

Aggregates and Externalities: Information Needs for Public Natural Resource Decision-Making. W74-03474 7-07 6B

Map Showing Drainage Areas, Warren Quadrangle, Massachusetts, W74-12633 7C LONGUET-HIGGINS, M. S. AND Sea Waves and Beach Cusps, W74-04734 7-23 7C

Light Intensity and Photosynthetic Rates in

LOVE, L. D.

Plant Moisture Stress Patterns in Eurotia lanata

LOTT, J. N. A.

LORDING, T. A.

LOTSPEICH, F. B.

Alaskan Rivers, W74-10546

W74-12223

Roads in the Subarctic,

Environmental Guidelines for Development

Low Winter Dissolved Oxygen in Some

Distribution of Vallisneria spiralis L. in the

Distribution of Vanisheria spirates 2. in the	Distantante and Amotory and Am	and Atriplex confertifolia,
River Lea Navigation Canal (Essex-Hert-	Phytoplankton,	W74-06497 7-12 2I
fordshire Border),	W74-06082 7-12 5C	W /4-0049/ /-12 21
W74-06072 7-12 2I	Observations of Learning Chambrings in Labor	LOVE, L. S.
	Observations of Langmuir Circulations in Lake	
LORENC, W. F.	Ontario,	Treatment Apparatus,
Oil Removal from Waste Waters,	W74-00831 7-02 2H	W74-07218 7-14 5D
W74-03020 7-06 5D		LOVE W W
117 03020	LOTT, P. F.	LOVE, W. W.
LORENZ, D.	A Fluorometric Method for the Determination	High-Pressure Drilling,
Temperature Measurements of Water Surfaces	of Nitrilotriacetic Acid,	W74-12537 7-23 8C
	W74-00274 7-01 5A	
Using Infra-Red Radiation Thermometers,		LOVELACE, N. L.
W74-11552 7-22 7B	LOTZ, W.	Auto-Qual Modelling System,
	Method of and Apparatus for the Purification	W74-12342 7-23 5B
LORENZEN, M.		
Theoretical Effects of Artificial Destratifica-	of Water Containing Organic Contaminants,	LOVELAND, R. B.
tion on Algal Production in Impoundments,	W74-07199 7-14 5D	Project Foggy Cloud V, Panama Canal Warm
W74-03296 7-07 5C		Fog Dispersal Program,
11-07-50	LOU, Y. S.	W74-12067 7-23 3B
LORENZEN, M. W.	Evaporation Retardation by Monomolecular	
	Layers,	LOVELL, H. L.
Predicting the Effects of Nutrient Diversion on	W74-00373 7-01 3B	An Appraisal of Neutralization Processes to
Lake Recovery,		
W74-06576 7-13 5C	LOUCKS, D. P.	Treat Coal Mine Drainage,
	Annual Literature Review: Administration,	W74-06512 7-13 5D
LORENZEN, R. T.		
Design of Milking Center Waste Management	Systems Analysis,	LOVELL, R. T.
Systems.	W74-10322 7-19 6A	Identification and Characterization of the
		Microflora and Spoilage Bacteria in Freshwater
W74-10301 7-19 5D	The Combined Use of Optimization and Simu-	Crayfish Procambarus Clarkii (Girad),
	lation Models in River Basin Planning.,	W74-00620 7-02 5A
LORILLAND, M. M.	W74-08512 7-16 4A	
Water and Land Slides,		LOVELY, W. G.
W74-09485 7-18 4A	Planning and Analysis of Metropolitan Water	Atrazine, Propachlor, and Diazinon Residues
710 411	Resource Systems,	
LORTON, E. D.	W74-11451 7-22 6A	on Small Agricultural Watersheds,
	W/4-11431 /-22 OA	W74-05295 7-10 5B
Preliminary Report on Simulated Passage Ef-	Studies in the Analysis of Metropolitan Water	LOURDINGS S I
fect of Potential Colonizing Protozoans		LOVERIDGE, E. L.
Through Condenser of a Steam Electric Power	Resource Systems-Volume VII: Conflict and	Seasonal Variations in Residues of Chlorinated
Generating Plant Upon Downstream Protozoan	Choice: Multiobjective Water-Resources	Hydrocarbon Pesticides in the Water of the
Community Development,	Planning,	Utah Lake Drainage System: 1970 and 1971,
W74-02930 7-06 5C	W74-01784 7-04 6A	W74-01780 7-04 5B
W 74-02930 7-06 3C		
LOSER, R. W.	Studies in the Analysis of Metropolitan Water	LOVRICH, J.
	Resources Systems, Vol. VI Estimating Econo-	Solar Distillation Apparatus,
Annual Environmental Monitoring Report -	mies of Scale in Thermal Electric Power	W74-04720 7-09 3A
Rocky Flats Plant, (Colorado), January		11-04/20 1-05 SK
Through December, 1972,	Systems Subjected to Environmental Quality	LOVTSEVICH, E. L.
W74-09843 7-19 5A	Constraints,	Sanitary-Microbiological Investigations in
100000000000000000000000000000000000000	W74-00002 7-01 6B	
LOSEV, K. S.		Preventing Infections of Bacterial and Viral
Estimation of Run-Off from Antarctic and	LOUGHNAN, F. C.	Etiology, (In Russian),
	A Preliminary Investigation of the Recent Sedi-	W74-08692 7-16 5C
Greenland Ice Sheets,	ments Off the East Coast of Australia,	
W74-09348 7-18 2C	W74-02714 7-06 2J	LOW, M. J. D.
	17702117	Quantitative Analysis of Aqueous
LOSKUTOV, N. F.	LOUGHRAN, E. D.	Nitrite/Nitrate Solutions by Infrared Internal
Characteristics of the Toxic Effects and Safety	A Compartmented Aquatic Model of the Rela-	Reflectance Spectrometry,
Levels of Nitriles of Crotonic and Isocrotonic		W74-01402 7-03 2K
Acids in Water Bodies, (In Russian),	tionship Between Carbonate and Nitrate in a	17-01-02 7-03 2K
W74-01044 7-02 5C	Great Plains Reservoir,	LOW, P. F.
W /4-01044	W74-12659 7-23 5C	
1.0000 B		Pressure-Induced Changes in the Thermal and
LOSOS, B.	Half-Saturation Constants for Uptake of	Electrical Properties of Clay-Water Systems,
The Effect of Mineral Fertilization and of Carp	Nitrate and Ammonia By Reservoir Plankton,	W74-01903 7-04 2G
Fry on the Composition and Dynamics of	W74-03299 7-07 5C	
Plankton,		LOWE, J. I.
W74-06535 7-13 5C	LOUGUET, P.	Accumulation and Movement of Mirex in
7-13 30	Influence of the Partial Pressure of Oxygen	Selected Estuaries of South Carolina, 1969-71,
Hydrobiological Studies on the Lednicke Ryb-		W74-06054 7-12 5B
	Upon the Rate of Stomatal Opening and Clos-	7.10
niky Ponds: Species Composition and Seasonal	ing Velocity of Pelargonium X Hortorum in	Effects of the Polychlorinated Biphenyl
Variation in the Abundance of Plankton (In	Darkness (In French),	Arochlor 1254 on the American Oyster Cras-
Czech),	W74-13404 7-24 2I	sostrea Virginica,
W74-01567 7-03 5C		W74-12259 7-23 5C
	TOTAL N	W 14-12437 1-23 3C

Quasi-Continuous Explosive Concepts for

Growth of Crop Roots in Relation to Soil

LOWE, L. E.

LOWE, P.

W74-07443

W74-13168

7-13 8H

7-24 3F

Determination of Nitrates in Soil Extracts,

Potential Cumulus Rainfall Modification, Panama Canal Zone,

LOUIE, N. A.

W74-06860

LOVE, B. J. G.

W74-13414

7-23 5G

7-20 5B

Hard Rock Excavations,

Moisture Extraction,

7-14 2G

LOWE, P. R.

LOWE, P. R.	poverkhnostnom sloye sovremennykh osa dkov	LUCKEY, R. R.
A Climatology of Cumulus Seeding Potential	oz. Balkhash),	Digital Model of the Hydrologic System
for the Western United States,	W74-03827 7-08 2H	Northern High Plains of ColoradoA Prelimi
W74-09222 7-17 3B	Migration of Elements in River Waters	nary Report,
LOWE D. I.		W74-00330 7-01 21
LOWE, R. L.	(Migratsiya elementov v rechnykh vodakh), W74-05022 7-10 5B	Digital Model of the Ogallala Aquifer of th
An Aerophilous Diatom Community from	W /4-03022 /-10 3B	Northern Part of the Northern High Plains of
Hocking County, Ohio,	LUBIENSKA, B.	Colorado,
W74-03318 7-07 5A	The Influence of Certain Toxic Substances,	W74-11741 7-22 2
LOWE, W. C.	Contained in Domestic Wastes, on the Bacteria	W/4-11/41
The Southern Water Resources Scientific In-	Escherichia Coli and Pseudomonas Flou-	Water-Management Studies of a Stream
formation Center,		Aquifer System, Arkansas River Valley
W74-02116 7-04 10B	rescens, (L'Influence De Certaines Substances	Colorado,
W/4-02110 /-04 10B	Toxiques, Contenues Dans Les Eaux D'egouts	W74-04262 7-08 4
LOWELL, R. P.	Municipaux, Sur Les Bacteries Escherichia	
Temperature Transients in Flowing Boreholes,	Coli Et Pseudomonas Flourescens),	LUDINGTON, D. C.
W74-10677 7-20 2F	W74-11301 7-21 5C	Pilot Plant Comparison of Liquid and Dr
7 20 22	TURANE A M	Waste Management Systems for Poultr
LOWMAN, F. G.	LUBORE, S. H.	Manure,
Trace-Element Interactions Between River	Bureau of Mines Environmental Action Pro-	W74-09709 7-18 5
Water and Seawater,	grams for Northeastern PennsylvaniaRefuse	
W74-07805 7-15 5B	Bank Removal; Subsidence Monitoring,	LUDLAM, S. D.
	W74-10270 7-19 5A	Importance of Diatoms in the Present Vary
Uptake of Molybdenum Marked with Mo-99,	TURBANO CI I	Deposition (Alternation of Annual Layers)
by the Biota of Fern Lake, Washington, in a	LUBRANO, G. J.	Green Lake (Near Fayetteville, N.Y.), Mod
Laboratory and Field Experiment,	Glass-Metal Composite Electrodes,	of Confined Sedimentation, (In French),
W74-05210 7-10 5C	W74-01512 7-03 2K	W74-03577 7-07 21
LOWRIGHT, R. H.	LUBYANOV, I. P.	LUDWICK, J.
Environmental Determination Using Hydraulic	Distribution of Monodacna Colorata	Correlation of ERTS Multispectral Imager
Equivalence Studies,	(Eulamellibranchiata, Cardiidae) in the Samar-	with Suspended Matter and Chlorophyll
W74-04060 7-08 2J	sky Bay of the Zaporozhsky Water Reservoir	Lower Chesapeake Bay,
W 74-04000 7-08 23	(In Russian).	W74-06667 7-13 2
LOWRY, M. E.	W74-00999 7-02 2H	
Water Resources of the Laramie, Shirley,	7-02 211	LUDWICK, J. C.
Hanna Basins and Adjacent Areas, Southeast-	Food Base of Fish and Ways of Increasing Fish	Particle Size Distribution and Small-Scale Bed
ern Wyoming,	Productivity of the Dneprodzerzhinsk Reser-	Forms on Sand Waves, Chesapeake Bay E
W74-11983 7-22 7C	voir. (In Russian).	trance,
	W74-11387 7-21 2H	W74-12650 7-23 2
LOWRY, P. D.	7-21 211	Titl C
The Shipowner and Oil Pollution Liability,	LUBYANSKENE, V. N.	Tidal Currents and Zig-Zag Sand Shoals in
W74-01447 7-03 5G	Problem of Free Amino Acids in Freshwater	Wide Estuary Entrance,
	Plankton and Its Medium, (In Russian),	W74-07939 7-15 2
LOWTHION, D.	W74-13377 7-24 5C	Tidal Currents, Sediment Transport, and Sar
The Combined Effect of High Salinity and	, 20	Banks in Chesapeake Bay Entrance, Virginia,
Temperature on the Survival of Young Liman-	LUCAS, J. M.	W74-09368 7-18 2
da Limanda,	Method of Removing Oil Spills,	7-10 2
W74-11314 7-21 5C	W74-07222 7-14 5G	LUDWICK, JOHN C.
	717 30	Tidal Currents and Zig-Zag Sand Shoals in
LOY, E. W. JR.	LUCCHITTA, I.	Wide Estuary Entrance,
Monitoring the Aquatic Environment for	Preliminary Geologic Investigations in the	W74-00021 7-01 2
Specific Organic Pollutants.	0 / / m	

W74-10959 7-21 5A

LOYACANO, H. A.

Effects of Aeration in Earthen Ponds on Water Quality and Production of White Catfish, W74-12251

LU. C.M.

Urban Impacts of Rural Resource Development Expenditures in the Interlake Area of Manitoba W74-07068 7-14 6B

LU, P-Y Environmental Distribution and Metabolic Fate of Key Industrial Pollutants and Pesticides in a Model Ecosystem, W74-01655 7-04 5D

LU, R. S.-M.

Temperature Transients in Flowing Boreholes, W74-10677 7-20 2F

LUBCHENKO, I. YU.

Distribution of Zr, Ti, Ni, Co, Pb, Cu, and Other Elements in the Surface Layer of Recent Sediments of Lake Balkhash (Raspredeleniye Zr, Ti, Ni, Co, Pb, Cu i drugihk elementov v

Colorado Plateau Using Enhanced ERTS W74-01708 7-04 7C

LUCERO, E. D.

Annual Compilation and Analysis of Hydrologic Data for Elm Fork Trinity River, Trinity River Basin, Texas, 1971, W74-03818

Annual Compilation and Analysis of Hydrologic Data for North Creek, Trinity River Basin, Texas, 1971. W74-01884 7-04 4D

Biological Differences in Cadmium and Zinc Turnover. W74-12493

LUCIUK, G. M.

Effect of Monosilicic Acid on Hydrolytic Reactions of Aluminum, W74-07626 7-15 2G

LUCK, E.

Sewage Treatment, W74-09185 7-17 5D

LUDWIG, C. B.

Air Pollution Measurements From Satellites, W74-04485 7-09 5A

LUE-HING, C.

Chemical and Biological Quality of Municipal Sludge, W74-12871 7-24 5D

Enrichment of the Atmosphere with Nitrogen Compounds Volatilized From a Large Dairy W74-00409

LUECK, B. F.

Treatment of Sulfite Evaporator Cendensates for Recovery of Volatile Components, W74-09066

Treatment of Sulfite Evaporator Condensates for Recovery of Volatile Components, 7-05 5D W74-02281

LUEDEMANN, D.

Biological Incrustation of Wells Due to Mass Development of Iron and Manganese Bacteria, W74-01902 7-04 5B

LUEDTKE, J. R. The Water Resources Information Program at the University of Wisconsin,	LUK'YANOVA, O. I. Purification of Sulfite Mill Effluents from Lignosulfonates (Ochistka promstokov sulfit-	LUNDE, G. The Analysis of Arsenic in the Lipid Phase from Marine and Limnetic Algae,
W74-00204 7-01 10A	no-tsellyuloznogo proizvodstva ot lignosul'fonatov),	W74-04557 7-09 5A
LUEHR, H. P. Comparison of Numerical Methods Solving	W74-08412 7-16 5D	Analysis of Trace Elements, Phosphorus and
Flow Through Porous Media (Ein Vergleich	LUKAC, J.	Sulphur, in the Lipid and the Non-Lipid Phase of Halibut (Hippoglossus hippoglossus) and
Von Numerischen Verfahren Zur Loesung Von Sickerstroemungen),	Waste Water Treatment and Sludge Disposal at	Tunny (Thunnus thynnus),
W74-08194 7-16 2G	the Ceska Kamenice Paper Mill (Cisteni odpad- nich vod a likvidace sedimentu v zavode 25.	W74-04770 7-09 5A
LUELING, K. H.	unora v Ceska Kamenici),	LUNDELIUS, M. A.
The Laguna de Vegueta on the Mid-Peruvian	W74-12921 7-24 5D	A Comparison of Land-Use Determinations Using Data from ERTS-1 and High Altitude
Coast and Its Fishes, Particularly Aequidens rivulatus (Guenther 1859), (In German),	LUKEN, R.	Aircraft,
W74-07007 7-13 2H	Economic Implications of Alternative National	W74-06638 7-13 4A
LUESCHER, O.	Policies for Water Pollution Control, W74-05630 7-11 5G	LUNDGREN, D. A.
An Experimental Irradiation Facility for the		Direct Determination of the Total Atmospheric
Sterilization of Sewage Sludge, W74-13442 7-24 5D	LUKES, J. A. The Effluent-Free Bleached Kraft Pulp Mill.	Aerosol Mass Distribution, W74-10967 7-21 5A
	Part IV. The Salt Recovery Process,	
An Experimental Irradiation Facility for the Sterilization of Sewage Sludge (Eine Ver-		LUNDGREN, H. Mill Waste Treatment by Flotation at Delair,
suchsbestrahlungsanlage Zur Hygienisierung		W74-03545 7-07 5D
Von Klaerschlamm),	Effect of X-Irradiation on the Incorporation of Glycine-C14 in the Tissue of Atlantic Salmon	LUNDQVIST, B. O.
W74-08198 7-16 5E	Larvae,	Mobile Purifying Plant for Waste Water,
LUETTIG, G. Groundwater Exploration and Provision from	W74-04181 7-08 5C	W74-12435 7-23 5D
the Hydrogeological Point of View,	LUM-SHUE-CHAN, K.	LUNT, O. R.
W74-02353 7-05 4E	Determination of Labile and Strongly Bound	Some Characteristics of Soil and Perennial
LUETZKE, R.	Metals in Lake Water, W74-09896 7-19 5A	Vegetation in Northern Mojave Desert Areas of the Nevada Test Site,
The Influence of Meteorological Elements or the Annual Rhythm of Height Growth in Pines		W74-02024 7-04 5B
(In German),	LUMB, A. M. Analysis of Urban Land Treatment Measures	LUPOWITZ-DONENFELD, B.
W74-01077 7-02 2	for Flood Peak Reduction,	The Effect of Thyroxine and Triiodothyronine
LUFKIN, D. W.	W74-13043 7-24 4A	on Bacterial Growth,
State Responsibility in Managing the Environ ment,	Georgia's Water Problems and Related	W74-04891 7-10 5A
W74-12475 7-23 6I	Research Needs, W74-00004 7-01 6B	LUQUE, J. A. First Characterization of the Runoff From the
LUGANSKII, M. A.	W/4-00004 /-01 6B	Watershed of the Manso Superior River and its
Dynamics of the Utilization of Organic Pollu		Basins (Argentina), (In Spanish),
tants in Waste Water of the Olaine Chemical Pharmaceutical Plant by the Heterotrophic		W74-07536 7-14 2E
Biocoenosis of Active Silt, (in Russian),	LUMME, P. O. Analyses of Paper Machine Waters with Ion-	LUSBY, W. S.
W74-11184 7-21 5I	Specific Electrodes. Part I. Effect of pH and	Power Plant Effluent - Thermal Pollution or Energy at a Bargain Price,
LUGO, A. E.	Ionic Strength of Solution on Calcium, Cupric,	W74-02888 7-06 5B
Models of Matter Flow in a Southern Mixed Hardwood Forest in Florida: Preliminary		LUSCHER, U. AND
Results,	W74-11093 7-21 5A	Thaw Consolidation of Alaskan Silts and
W74-07813 7-15 51	Analyses of Paper Machine Waters with Ion-	Granular Soils, W74-04379 7-09 2C
LUGO, P. E.	Specific Electrodes, Part II. Calcium, Cupric,	W/4-043/9 /-09 2C
Flood Prone Areas in the San Francisco Bay Region, California,	Chloride, Sodium and Nitrate Ion Specific Electrode Potentials at Various Temperatures	LUSK, S. Fishery Survey Carried out at Lake Borullus,
W74-06275 7-12 70		A. R. E., in the Spring of 1971, (In Czech),
LUHDORFF, E. E. JR.	W74-11094 7-21 5A	W74-04643 7-09 2H
Protecting Ground Water QualitySome	LUMMUS, J. L.	LUSZ, L. D.
Problems and Solutions, W74-06946 7-13 51	Acquisition and Analysis of Data for Optimized	A Portable Wire-Speed Indicator for Use with
	Drilling, W74-05099 7-10 8B	Plankton Nets, W74-06059 7-12 7B
LUHNING, C. W. Residue of Quinaldine in Ten Species of Fis		
Following Anesthesia With Quinaldine Sulfate,	Wastewater Abatement in Canning Vegetables	LUTERNAUER, J. L. Sedimentation on the Western Delta-Front of
W74-10389 7-20 50	By IQB Blanching,	the Fraser River, British Columbia,
LUIKOV, A. V.	W74-10545 7-20 5D	W74-03061 7-06 2L
Analytical Methods of Solution of Conjugate Problems in Convective Heat Transfer,	LUND, E.	LUTHIN, J. N.
W74-04667 7-09 81	The Effect of Pretreatments on the Virus Con- tents of Sewage Samples,	A Data Acquisition System for Transient Porous Media Experiments in a Sector Tank,
LUK'YANCHIKOV, F. V.	W74-00629 7-02 5A	W74-09887 7-19 2F
Results and Prospects of Investigating Fishe and Their Food Resources of the Khatang		Drainage Design as Influenced by Conditions in
River Basin, (In Russian),	ment Plant Sludges,	the Vicinity of the Drain Line,
W74-08130 7-15 8	I W74-00628 7-02 5A	W74-04200 7-08 4A

IUTZ. G. A.

1012/ 0.7.		
LUTZ, G. A. Discharge and Flow Distribution, Columbia River Estuary,	LYASKOVSKIY, B. YU. Underflow in River Valleys of the Carpatho- Ukraine (Podruslovyy stok v rechnykh	LYNNWORTH, L. C. Ultrasonic Thermometry, W74-01501 7-03 7E
W74-04172 7-08 5B	dolinakh Zakarpat'ya), W74-07504 7-14 2F	LYNOV, YU. S. Some Characteristics of Nectar Production in
LUTZ, J. F. The Persistence and Movement of Picloram and 2.4.5-T in Soils,	LYDOLPH, P. E. On the Causes of Aridity Along a Selected	the Mountain Honey Plants of Northern Fer gana (In Russian),
W74-05459 7-11 5B	Group of Coasts, W74-06469 7-12 2B	W74-00235 7-01 3E
LUTZ, W. Mechanical Waste Water Clarification and Biological-Chemical Waste Water Purification Using the Attisholz and Ruthner System (Mechanische Abwasserklaerung und	LYERLY, P. J. Crop Yields from Land Receiving Large Manure Applications, W74-00425 7-01 3C	LYON, W. S. Trace Element Measurements at the Coal-Fire Allen Steam Plant - Progress Report, June 197 to January 1973, W74-09833 7-19 54
biologisch-chemische Abwasserreinigung nach System Attisholz und Ruthner), W74-07381 7-14 5D	LYLE, G. G.	LYONS, B. J. Water Quality Assessment Practice in Aus
LUXMOORE, R. J.	A Feasibility Study of a Research Program on the Source, Degradative Removal and Seconda-	tralia, W74-01089 7-02 2F
Application of the Green and Corey Method for Computing Hydraulic Conductivity in	ry Consequences of Petroleum Products in Water, W74-03767 7-08 5A	LYONS, C. R. Research and Development of Composit
Hydrologic Modeling, W74-09195 7-17 2G	LYLE, R. E.	Membrane Technology, W74-11825 7-22 3/
Development of a Unified Transport Model for Toxic Materials,	A Feasibility Study of a Research Program on the Source, Degradative Removal and Seconda-	LYONS, T. C.
W74-12022 7-23 5B	ry Consequences of Petroleum Products in Water,	Ground Water Quality Models: What They Ca and Cannot Do,
Documentation of Prosper - A Model of At- mosphere-Soil-Plant Water Flow,	W74-03767 7-08 5A	W74-06944 7-13 51 Ground-Water Quality Models: What They Ca
W74-07785 7-15 2A LUYKX, F.	LYLIS, J. C. The Heterotrophic Capabilities of Cyclotella Macabining	and Cannot Do, W74-07933 7-15 51
The Present and Future Situation of Nuclear Energy Production and its Associated Industry- Normal Operation, Accident Prevention and Mitigation, Comparative Risk Assessment,	Meneghiniana, W74-06090 7-12 5C LYMAN, D.	LYONS, W. A. ERTS-1 Views the Great Lakes, W74-02602 7-05 7
W74-11953 7-22 5C LUYTEN, S.	Upper Wabash Simulation Model. Program Documentation and Extension, W74-12197 7-23 4A	Radar Investigation of Summertime Land/Lak Rainfall Variations over Lake Michigan,
A Comparison of Fast Destruction Methods for the Determination of Trace Metals in Biological Materials, W74-01317 7-03 5A	LYNAM, B. T. Methods of Liquid Fertilizer Application, W74-11839 7-22 5D	W74-01661 7-04 21 LYSENKO, K. A. Surface-Groundwater Relationships on th
LUZIER, J. E. Digital Simulation and Projection of Water- Level Declines in Basalt Aquifers of the Odes-	LYNCH, P. F. Identifying Source of Petroleum by Infrared Spectroscopy,	Eastern Dniester Left Bank (O vzaimosvyaz poverkhnostnykh i podzemnykh vod n vostoke levoberezhnogo Podnestrov'ya), W74-00601 7-02 2/
sa-Lind Area, East-Central Washington, W74-00326 7-01 2F	W74-03854 7-08 5A Novel Method for Sampling Oil Spills and for	LYSYJ, I, Pyrographic Analysis of Waste Waters,
Hydrology of Basalt Aquifers and Depletion of Ground Water in East-Central Washington, W74-06311 7-12 2F	Measuring Infrared Spectra of Oil Samples, W74-05451 7-11 5A	W74-05294 7-10 5.
LUZINA, L. I. Reduction of the Volume of Pollutants Discharged and of Fresh Water Consumption	LYNCH, T. J. Long Wave Study of Monterey Bay, W74-03615 7-07 2L	Flash Floods on Carpathian Rivers in June 196 and May 1970 (Livnevyye pavodki na rekak Karpat v iyune 1969, maye 1970 g.), W74-00598 7-02 2
(Sokrashchenie sbrosa zagryaznenii i umen'shenie raskhoda svezhei vody), W74-07384 7-14 5D	LYNN, H. P. Progress ReportAerobic and Anaerobic Lagooning of Dairy and Milking Wastes,	Storm Rainfall in the Carpathians in June 1969 W74-02606 7-05 2
LVOVA-KATCHANOVA, A. A. Sedimentation of Suspended Matter by Dreis-	W74-10303 7-19 5D LYNN, M.	LYZENGA, D. R. Calculations of Water Depth From ERTS-MS
sena Polymorpha Pallas and Its Subsequent Utilization by Chironomidae Larva, W74-01904 7-04 5C	Polymer Membrane Electrodes. Part I. A Choline Ester-Selective Electrode,	Data, W74-06681 7-13 2
LYAKHOVA, I. G. Evolution of Some Marshes of Eastern Prisayanye, (In Russian),	W74-00647 7-02 2K Polymer Membrane Electrodes. Part II. A Potassium Ion-Selective Membrane Electrode, W74-00648 7-02 2K	Techniques for Measuring Light Absorption Scattering, and Particle Concentrations Water, W74-01283 7-03 7
W74-12510 7-23 2L Ridge-Pool Complex Formation of Khotkhur- sky Bog Mass (In Russian), W74-04812 7-09 3F	LYNN, R. D. New Drilling-Research Tool Shows What Happens Down Hole, W74-10090 7-19 8G	MA, T. S. Application of High-Speed Liquid Chromator raphy to Organic Microanalysis. I. Construction of A Simple and Inexpensive Apparatus,
LYALIKOV, YU. S. Spectrophotometric Determination of Hexachlorobutadiene (HCBD) in Soil and Water, (In Russian),	LYNN, S. Studies of Oxygen Reduction at a Rotating Disk Electrode.	W74-00249 7-01 2 Organic Functional Group Analysis Via Group Chromatograpy. III. Determination of Carb mates by Reaction with Alkali,
W74-04293 7-08 5B	W74-11641 7-22 3A	W74-06872 7-13 5

7-13 5A

MAAG, G. W.	Flood Control Project Maintenance and Repair	MACGREGOR, A. N.
Recovery of Mercury in Solution,	1971 Inspection Report,	Acetylene-Reduction Assay of Anaerobic
W74-01995 7-04 5	D W74-01945 7-04 8D	Nitrogen Fixation by Sediments of Selected
MAAGDENBERG, H. J.	MACCOLL B	Wisconsin Lakes,
In-Plant, Continuous Hot-Gas Blanching	MACCOLL, R.	W74-05400 7-10 5B
Spinach,	District District of the Layers Carried	Mathema Formation by Lake Sadimenta Duning
W74-07368 7-14 3	Characterization of C-Phycocyanin from Fresh	Methane Formation by Lake Sediments During
W/4-0/300	Extracts of Two Blue-Green Algae,	in Vitro Incubation, W74-05487 7-11 5B
MAAR, I.		1-11 38
Information on the Recent Practice of Hygien		Nitrogen Fixation in Lake Sediments: A Con-
Qualifications of Surface Waters, (Tajekozta	A Reliable and Inexpensive Soil Frost Gage	tribution to Nitrogen Budget of Lake Mendota,
a Felszini Vizek Higienes Minositesenek Jele	W74-01574 7-03 2G	W74-02924 7-06 5C
legi Gyakorlatarol),		
W74-11256 7-21 5	MACCRIMMON, H. R.	MACGREGOR, J. M.
MAAS, E. V.	Influence of Environmental Experience on	Mineral Nitrogen Movement into Subsoils Fol-
Influence of Salinity on FE, MN, and ZN U	p- Response of Yearling Rainbow Trout (Salmo	lowing Continued Annual Fertilization for
take by Plants,	Garidneri) to a Black and White Substrate,	Corn,
W74-10336 7-19	C W74-06063 7-12 5C	W74-06898 7-13 5B
	Not the second of the second of	MACHEN C
Interactive Effects of Salinity and Ozone		MACHEN, C.
Growth and Yield of Garden Beet,	the Holland Marsh, Ontario,	Natural Habitat of Caryophanon latum,
W74-06342 7-12	C W74-04478 7-09 5B	W74-02966 7-06 5E
Salinity-Ozone Interactive Effects on Yield a	nd MACDONALD, A.	MACHIN, A. F.
Water Relations of Pinto Bean,	Small-Volume Solid-Electrode Flow-Through	The Rapid Determination of The Or-
W74-08922 7-17		ganophosphorus Pesticides Diazinon and
	Using Pulse Polarographic Techniques,	Dichlorvos in Blood by Gas Chromatography,
MAAS, S. V.	W74-01445 7-03 7R	W74-00460 7-01 5A
Salinity-Ozone Interactive Effects on Yield a	nd / D	7-01-34
Water Relations of Pinto Bean,	MACDONALD, E. C.	MACHLIS, L.
W74-06070 7-12	Mercury Concentrations in Tissues of Fish	The Effects of Bacteria on the Growth and
MAASS, A.	from the Connecticut River,	Reproduction of Oedogonium Cardiacum,
In Search of New Methods for River Syste	m W74-11917 7-22 5B	W74-01422 7-03 50
Planning.		
W74-01029 7-02	MACDONALD, J. R.	MACHMEIER, R. E.
	Supersaturation of Nitrogen in Water During	That Waste Disposal Problem,
Report on the Harvard Program of Research		W74-10726 7-20 5E
Water Resources Development,	Mactaquac Dam,	
W74-01846 7-04	5B W74-01432 7-03 5C	
MAREY D. D.	MACDONALD	Sedimentary Processes on the Continenta
MABEY, D. R. Application of Surface Geophysics to Ground	MACDONALD, S.	Slope Off New England,
water Investigations,		W74-05043 7-10 2.
W74-11996 7-22	XXVI: The Distribution of Cyathocephalus	MACINTYRE, W. G.
7-22	Truncatus (ranas) in the intestine of brown	Investigation of Surface Films - Chesapeake
MAC KELVIE, R. M.	Trout (Salmo Trutta L.), W74-08699 7-16 21	
Methods for the Detection of Certa	in W74-08699 7-16 21	W74-08831 7-17 5A
Pathogens of Salmonid Fishes,	MACDONALD, T. C.	W 14-00031 /-11 3P
W74-13100 7-24	Sediment Transport Due to Oscillatory Waves,	MACIOLEK, N. J.
MACRAE I C	W74-11731 7-22 2L	
MAC RAE, I. C.		as an Indicator of Water Quality,
Utilization of Iron Gallate and Other Organ		W74-13464 7-24 5/
Iron Complexes by Bacteria from Water St plies,	A Selected Annotated Bibliography on Land	
W74-00660 7-02	Resource Inventory and Analysis for Planning,	MACK, E. J.
117-00000	W74-12795 7-24 6A	
MACAGNO, E. O.		Micrometeorological Properties of Sea Fog
Hydrologic Response of Ice-Covered Stream		First Summary Report, Project Sea Fog.
W74-07832 7-15		W74-09406 7-18 2I
Wisser Pasies Thomas Passes of W	tional Field Year for the Great Lakes,	MACK P. V.
Winter-Regime Thermal Response of Heat	ed W74-01296 7-03 7C	
Streams, W74-07511 7-14	ED MACE A C ID	An Evaluation of the Magothy Aquifer in the
W74-07511 7-14	5B MACE, A. C. JR. Evaluation of Peatland Water Table Elevation	Annapolis Area, Maryland, W74-13176 7-24 41
MACAULAY, H. H.	and Water Quality Indicators	W74-13176 7-24 41
Economic Effects of Subsidies for Wa	te	Water from the Coastal Plain Aquifers in the
Abatement,		Washington, D.C., Metropolitan Area,
W74-12199 7-23	MACE, T. F.	W74-08597 7-16 41
MACCARY I M	Energetics of a Host-Parasite Relationship as	
MACCARY, L. M. Location and Characteristics of the Interfa	Ulcotested by the Yeark Melmines and and	ACCOUNT MADE . AT
Between Brine and Fresh Water from	the Chartery Coule's Managements by	
Geophysical Logs of Boreholes in the Up	olli aine	of the Turbellarian Fauna of the Danube Delt
Brazos River Basin, Texas,	W74-10940 7-21 5C	(Beobachtungen uber die Okologie und Ver
W74-07859 7-15	RB	breitung der Turbellarienfauna im Donaudelta)
	MACFARLANE, J. S.	W74-03574 7-07 56
MACCLANAHAN, J.	The Effect of Natural Shade and Spraying with	
Flood Control Project Maintenance and Repa		
-1970 Inspection Report,	Tropics,	Analysis of Alkyl Ethoxylates by NMR,
W74-02617 7-05	2E W74-01994 7-04 3F	W74-02408 7-05 5/

A Prediction of Changes in the Thermal Cycle of a Stratified Lake Used to Cool a 1000 MW

MACKENZIE, J. F.

Power Plant,

7-02 5B

Quick Brown Fox Doesn't Trip Over Thil-

7-23 2L

vironment,

W74-12639

7-21 5D

7-10 5D

many's Effluent Anymore, W74-05258

MACKAY, D. MACKAY, D.

W74-00775

Evaporation Rates of Liquid Hydrocarbon Spills on Land and Water,

W74-00775 7-	-02 5B	Power Plant, W74-07998 7-15 5C	MACLEOD, N. H.
Rate of Evaporation of Low-Solubility	ty Con-	W14-01998	Applications of Remote Sensing (ERTS) to
taminants from Water Bodies to Atmost		MACKENZIE, J. J.	Resource Management and Development in
	-01 5B	The Nuclear Fuel Cycle A Survey of the Public Health, Environmental and National	Sahelien Africa (Republic of Mali), W74-06686 7-13 4A
Screening and Selection of Solvents for	Extrac-	Security Effects of Nuclear Power,	
tion of Phenol from Water,	-12 5D	W74-08947 7-17 5C	Digital Analysis of Potomac River Basin ERTS Imagery: Sedimentation Levels at the Potomac-
7		Radiation Hazards From the Misuse of Urani-	Anacostia Confluence and Strip Mining in Al-
IACKAY, D. W.		um Mill Tailings,	legheny County, Maryland,
The Distribution of Trace Metals and I the Firth of Clyde in Relation to the Dis		W74-08951 7-17 5C	W74-02583 7-05 7B
Sewage Sludge,		MACKENZIE, W. N.	MACLEOD, R. A.
	-05 5B	Inspection of New Treatment Facilities, the Rockville Water and Aqueduct Company,	Dissociation in a Marine Pseudomonad, W74-03566 7-07 5A
MACKAY, G. D. M.		W74-10909 7-21 5F	
The Formation of Water-In-Oil Emulsion	ons Sub-		MACLOWRY, J.
sequent to an Oil Spill,		MACKEY, D. F.	Computer Identification of Bacteria on the
	-05 5B	Natural Resource Inventory for Urban Planning Utilizing Remote Sensing Techniques,	Basis of Their Antibiotic Susceptibility Pat- terns,
MACKAY, J. F. G.		W74-13143 7-24 6B	W74-01443 7-03 5A
The Effects of Transverse Cuts Thro	ough the		
Stems of Transpiring Woody Plants o		MACKIEWICZ, J. S.	MACMILLAN, J. A.
Transport and Stress in the Leaves,		Two New Species of Caryophyllid Tapeworms	A Framework for Economic Planning of
	-20 2D	from Catostomid Fishes in Tennessee, W74-02995 7-06 21	Watershed Drainage, W74-07069 7-14 4A
MACKAY, J. R.			
The Growth of Pingos, Western Arcti	c Coast,	MACKINNON, J. C.	Urban Impacts of Rural Resource Development
Canada,		Summer Storage of Energy and Its Use For	Expenditures in the Interlake Area of
W74-00098	7-01 2C	Winter Metabolism and Gonad Maturation in American Plaice (Hippoglossoides	Manitoba, W74-07068 7-14 6B
Problems in the Origin of Massive Ic	y Beds,	platessoides),	
Western Arctic, Canada,		W74-05463 7-11 2L	MACMILLAN, J. D.
W74-04369	7-09 2C		Population Changes in Enteric Bacteria and
		MACKINNON, K. L.	Other Microorganisms During Aerobic Thermo-
MACKAY, J. R. AND		Fluid Sample Analysis System,	philic Windrow Composting,
Origin, Composition, and Structure of		W74-08914 7-17 7B	W74-04908 7-10 5D
ally Frozen Ground and Ground Ice: A		MACRIE V	MACMILLAN, K.
	7-09 2C	MACKRLE, V. Arrangement for Continuous Treatment of Pol-	A Study of Corn Response and Soil Nitroger
MACKAY, J. W.		luted Liquids,	Transformations Upon Application of Differen
Gold Twin-Electrodes in Thin-Layer trochemistry,	er Elec-	W74-12452 7-23 5D	Rates and Sources of Chicken Manure, W74-09701 7-18 5D
	7-11 2K	MACLAY, R. W.	
		Regional Specific Yield of the Edwards and As-	MACNAMARA, E. E.
MACKENROTH, E.		sociated Limestones in the San Antonio, Texas	Spartina alterniflora (Tall) Productivity in
Surface Jet Stream Excess Temperatur	re Analy-	Area,	Polluted New Jersey Estuary,
sis,		W74-00542 7-01 2F	W74-01738 7-04 50
W74-11748	7-22 5B	MACIEAN E I	MACNEIL, J. D.
ALCUMPATER V M		MACLEAN, F. I.	The Determination of Organo-Sulfur Com
MACKENTHUN, K. M.	ant and	CO2 Fixation by the Blue-Green Alga Ana-	pounds by Thin-Layer Chromatography Via
Magnitude of Wastewater Treatm	ent and	cystis nidulans, W74-00236 7-01 5C	Ligand-Exchange Precess,
Disposal Problem Facing the Nation, W74-10864	7-20 5D	H /4-00230 /-01 3C	W74-01439 7-03 5/
W /4-10804	7-20 3D	MACLEAN, G. J.	
MACKENZIE, A. J.		Oil Spillage Enclosure System for Marine Use,	Electron-Donor-Acceptor Complexing Re
Manganese and Iron Solubility Chan	ges as a	W74-03015 7-06 5G	agents in the Analysis of Pesticides. VI. In
Factor in Tile Drain Clogging: I. Obs			fluence of Structure in Detection and Identifi
During Flooding and Drying,		MACLELLAN, B. L.	cation,
	7-14 2G	The Determination of Organo-Sulfur Com-	W74-06871 7-13 5/
		pounds by Thin-Layer Chromatography Via a	Fl P
Manganese and Iron Solubility Chan		Ligand-Exchange Precess,	Electron Donor-Acceptor Reagents in the Anal
Factor in Tile Drain Clogging: II. Obs	ervations	W74-01439 7-03 5A	ysis of Pesticides. VII. A Simple Model System
During the Growth of Cotton,		MACLEON LC	Hydrolysis of Some Carbamate Pesticides,
W74-07152	7-14 2G	MACLEOD, J. C. Factors Affecting Acute Toxicity Bioassays	W74-06121 7-12 51
Performance of a Tile Drainger Sur	stem: Ar	with Pulp Mill Effluent.	MACNISH, R. D.
Performance of a Tile Drainage Sys Evaluation of a Tile Design and Manag		W74-11076 7-21 5C	Appraisal of Ground-Water Availability an
	7-13 3F	W/4-110/0 /-21 3C	Management Projections, Walla Walla Rive
11 / 1-00370	, 15 Jr	Fish Toxicity Survey of Four Prairie Province	Basin, Washington and Oregon,
MACKENZIE, A. P.		Pulp Mill Effluents.	W74-03812 7-08 4
Anomalous Heat Capacities of Su	percooled	W74-11075 7-21 5C	
Water and Heavy Water,			MACOMBER, R. T.
	7-07 1B	MACLEOD, M.	Application of ERTS-1 Data to the Protection
		First Reviews Favorable for New Rotary Disc	and Management of New Jersey's Coastal Er

Biological System,

W74-11115

7-10 1A

W74-05251

Clustering in Supercooled Water,

MACON, J. A.	MADEYSKI, A.	of Perrot Island in Saint-Louis Lake, (In French).
In-Process Pollution Abatement: Upgrading Poultry-Processing Facilities to Reduce Pollu-	Some Problems Involved in Optimal Protection of the Environment in Spas,	W74-00470 7-01 2H
tion, W74-03498 7-07 5D	W74-04847 7-09 5G	MAGNUSON, L. M.
W 74-03476 7-07 3D	MADHAV, M. R.	Water Turbidity Detection Using ERTS-1
Water and Waste Management in Poultry	Studies on Seepage from Canals with Partial	Imagery, W74-02582 7-05 7B
Processing,	Lining, W74-02319 7-05 4A	W 74-02362 7-03 /B
W74-11789 7-22 5D	W14-02515	MAGOMEDOV, Z. G.
MACPHAIL, D. D.	MADSEN, B. L.	Dependence of Plant Thermoresistance on Thermodynamic Properties of Soil Moisture,
New Directions in the Chilean North,	Observations on Upstream Migration by Imagines of Some Plecoptera and Ephemerop-	(In Russian),
W74-06476 7-12 3B	tera.	W74-06244 7-12 3F
MACPHEE, C.	W74-02967 7-06 5B	MAGOON, O. T.
The Effects of River Fluctuations Resulting	MADSEN, H. C.	Application of ERTS-1 Imagery in Coastal Stu-
from Hydroelectric Peaking on Selected	Agricultural Water Allocation, Land Use, and	dies,
Aquatic Invertebrates, W74-07830 7-15 2I	Policy,	W74-06709 7-13 2L
7-13 21	W74-00186 7-01 3F	Coastal Applications of the ERTS-A Satellite,
MACRAE, I. C.	MADSEN, O. S.	W74-03374 7-07 2J
Adsorption of Colloidal Iron by Bacteria, W74-01253 7-03 5B	Wave Transmission through Porous Structures,	Coastal Sand Mining in Northern California,
W/4-01233	W74-11474 7-22 8B	U.S.A.,
MACUILA, A.	MADUAKOR, H. O.	W74-03371 7-07 8C
Dispersed Growth Biological Sewage Treat-	Hydrolysis and Availability of Pyrophosphate	Remote Sensing in the Study of Coastal
ment Process, W74-05884 7-11 5D	in Tropical Soils, W74-08498 7-16 2G	Processes,
	W /4-06476	W74-03373 7-07 7B
MACURA, A.	MAEDA, M.	Use of ERTS-1 in Coastal Studies,
Cleanliness of Wells, Chemical Substances in Drinking Water and Their Relation to Caries (In	Electrochemical Treatment of Industrial Waste Water.	W74-02633 7-05 2L
Polish),	W74-13303 7-24 5D	MAGRISO, YU.
W74-02544 7-05 5C		Effect of Green Fertilizer on Grape Yield,
MADDAMS, W. F.	MAEDA, S. Freeze Process for Making Fresh Water from	W74-05346 7-10 5B
Simple Direct Combination of Gas Chromatog-	Brine,	MAGUSON, A. H.
raphy and Vapor Phase Infrared Spectrometry,	W74-10588 7-20 3A	Computer Analysis for Acoustic Sensing of
W74-01355 7-03 5A	MAES, L.	Multilayer Sediments, W74-10637 7-20 2J
MADDEN, C. G.	A Simple, Practical and Effective Method for	
An Improved Snow Study Kit,	the Isolation of Salmonella From Surface	MAGYAR, P.
W74-12967 7-24 7B	Water, W74-01768 7-04 5A	Hydrological Analyses Using Atmospheric Vapor Data,
MADDEN, W. D.		W74-12596 7-23 2A
An Experiment in Undersea Mariculture,	MAESTRINI, S. Influence of Some Environmental Factors on	MAH. R. A.
W74-01914 7-04 8I	Productivity of Planktonic Algae in Culture.	Acridine Orange-Epifluorescence Technique
MADDINSON, C.	(Etude de l'influence de quelques facteurs de	for Counting Bacteria in Natural Waters,
Water and Effluent Instrumentation Made Sim-	milieu sur la productivite d'une algue planc- tonique en culture).	W74-01534 7-03 5A
ple,	W74-08743 7-17 5C	MAHDAVI, A. F.
W74-11258 7-21 5A		Agricultural Aspects of Arid and Semi-Arid
MADDOCK, T. III.	MAFFETT, P. A. The Determination of Mercury in Air Samples	Zones, W74-05216 7-10 3F
Nonlinear Technological Functions for	and Biological Materials,	
Aquifers Whose Transmissivities Vary with Drawdown,	W74-07710 7-15 5A	MAHDAVIANI, M. A. Steady and Unsteady Flow Towards Gravity
W74-11424 7-21 2F	MAGDOFF, F. R.	Wells,
The Operation of a Street Aquifor System	Nitrogen Transformations During Subsurface	W74-03161 7-06 4B
The Operation of a Stream-Aquifer System Under Stochastic Demands.	Disposal of Septic Tank Effluents in Sands: 1.	MAHLER, D. J.
W74-04808 7-09 4B	Soil Transformations, W74-02147 7-04 5B	Determination of Copper and Zinc in Biological
MADDOCK T IB		Material,
MADDOCK, T. JR. A Role of Sediment Transport in Alluvial Chan-	MAGERRAMOV, S. G.	W74-07712 7-15 5A
nels,	Study of Growth Dynamics of 1-Yr Shoots of Several Grape Varieties Under Irrigated and	MAHLER, R. J.
W74-01272 7-03 2J	Dry Conditions in the Piedmont Zone of the	Long-Term Effects of Irrigation-Salinity Management on a Valencia Orange Orchard,
MADDUMA BANDARA, C. M.	Nagorno-Karabakh Autonomous Region, (In	W74-10420 7-20 3C
Drainage Density and Effective Precipitation,	Azerbaijanian), W74-13394 7-24 3F	MAHMOOD, K.
W74-07155 7-14 2A		Analysis of Sediment Sorting in Alluvial Chan-
MADER, C. L.	MAGNIER, Y.	nels,
Numerical Simulation of Tsunamis,	Circulation in the Bay of Ampasindava (Madagascar) and Its Biochemical Implications	W74-01274 7-03 2J
W74-06297 7-12 4A	(In French),	Lognormal Size Distribution of Particulate
MADERAK, M. L.	W74-01005 7-02 5B	Matter,
Quality of Surface Waters in the Colorado	MAGNIN, E.	W74-04058 7-08 2J
River Basin, Texas, 1966-72 Water Years,	The Dynamics of a Group of Perches, Perca	Sediment Routing in Irrigation Canal Systems,
W74-07670 7-15 5B	Flavescens (Mitchill) in the Grande-Anse Cove	W74-08385 7-16 2J

MAHMOOD, K.

Variation of Regime Coefficients in Pakistan Canals, W74-10219 7-19 8B

MAHNKE, C. W.

Direct Fluorescent-Antibody Technique for the Microbiological Examination of Food and Environmental Swab Samples for Salmonellae, W74-03569 7-07 5A

MAHON, H. I.

Design and Construction of a Large Brackish Water Desalination Module, W74-08343

Development of a One-Pass Hollow Fiber Seawater Desalination Module Having a Capacity of 2500-3000 GPD, W74-08342 7-16 3A

High Rejection Hollow Fiber Membranes for Desalination of Sea Water, W74-08502 7-16 3A

Method for Making a Hollow Fiber Separatory Element, W74-05694 7-11 3A

MAHON, W. A. J.

Chemistry in the Exploration and Exploitation of Hydrothermal Systems,
W74-09013 7-17 2K

MAHONEY, G. W. A.

Climate and the Selection of a Beef Housing and Waste Management System, W74-10134 7-19 5D

Evaluation of Beef Waste Management Alternatives, W74-09693 7-18 5D

MAHONEY, J. G.

Industrial Waste Treatment Opportunities for Reverse Osmosis, W74-09635 7-18 5D

MAIANU. A.

Influence of the Ratio Between Matric and Osmotic Suctions on the Oat and First-Year Alfalfa Yields, (In Rumanian), W74-12715 7-23 3F

MAIER, W. J.

Carbon Measurements in Water Quality Monitoring, W74-07641 7-15 5A

MAILLOUX, M.

Leptospirosis in a Rural Surrounding: Epidemiological and Professional Aspects Among Farmers (In French), W74-13399 7-24 5C

MAIRS, R. L.

Application of ERTS-1 Data to the Protection and Management of New Jersey's Coastal Environment, W74-02579 7-05 7B

Application of ERTS-1 Data to the Protection and Management of New Jersey's Coastal Environment, W74-12639 7-23 2L

MAISAROV, D. A.

Transpiration Intensity and Productivity of Wild and Cultivated Meadow Plants in Southwestern Kyzylkum, (In Russian), W74-13246 7-24 2D

MAJ, M.

Determination of Nitrate in Water with a New Construction of Ion-Selective Electrode, W74-08420 7-16 5A

MAJANI, P.

A Sonic Method for Analyzing the Quality of Cementation of Borehole Casings, W74-00936 7-02 8F

MAJERON, F.

Method and Apparatus for Removing Solids, W74-08902 7-17 5D

MAJLINGOVA, H.

Switching from Calcium Bisulfite to Two-Stage Sodium-Calcium Bisulfite Pulping to Reduce Water Pollution (Znizenie znecistenia odpadnych vod prechodom z Ca-bisulfitovehovarenia na dvojstupnove Na-Ca-bisulfitove), W74-00789 7-02 5D

MAJOR, D. C.

Multiobjective Redesign of the Big Walnut Project, W74-08515 7-16 4A

MAJOR, T. J.

Water-Level Records for the Northern High Plains of Colorado, 1970-74, W74-08381 7-16 4B

Water-Level Records, 1969-73, and Hydrogeologic Data for Baca and Southern Prowers Counties, Colorado, W74-00332 7-01 2F

MAJORI, L.

Accumulation Phenomenon Which takes Place in a Mussel (Mytilus galloprovincialis LMK) Grown in an Artificially Polluted Environment, Verification of a Simplified Model of the Dynamic Equilibrium of Metal Ripartition Between Mussels and Sea-Water, Note II-Pollution from Copper, (Fenomeno di Accumulo Nel Mitilo (Mytilus galloprovincia-Lis LMK) Stabulato in Ambiente Artificialmente Inquinato. Verifica di un Modello Semplificato per L'equilibr io Dinamico di Ripartizione del Metalli fra Mitilo e Acqua Marina, Nota II: Inquinamento da rame), W74-07746

Marine Pollution by Hydrocarbons in the Northern Adriatic Sea, W74-10794 7-20 5B

Marine Pollution by Metals and Their Accumulation by Biological Indicators (Accumulation Factor),
W74-10793 7-20 5C

MAJUMDAR, A. K.

The Spectrophotometry and Solvent-Extraction Behaviour of Iron(III), Vanadium(IV and V) and Titanium(IV) Chelates of 1-(o-Carboxyphenyl)-3-Hydroxy-3-Methyltriazene, W74-05471 7-11 5A

MAJUMDAR, S. B.

Inactivation of Poliovirus in Water by Ozonation, W74-06156 7-12 5D

Technical and Economic Aspects of Water and Waste Water Ozonation: A Critical Review, W74-11070 7-21 5D

MAKAREVICH, K. G.

Determination of Liquid Runoff from the Firm Field of a Glacier, W74-00115 7-01 2C MAKAROV, G. V.

Purification of Effluents by Means of Reverse Osmosis, (Ochistka stochnykh vod metodom obratnogo osmosa), W74-02258 7-05 5D

MAKAROVA, L. A.

Agroclimatic Criteria for Development of Wheat Rust, (in Russian), W74-01765 7-04 3F

MAKAROVA, L. I.

Nutrient Uptake by Winter Wheat in a Zone of Unstable Moisture, (In Russian), W74-04827 7-09 3F

MAKEEV, O. V.

The Influence of Water Transport and Transfer of Heat by Freezing and Defrosting on Soil Genesis, W74-12852 7-24 2G

MAKEMSON, J. C.

Sand Beach Bacteria: Enumeration and Characterization, W74-01444 7-03 5A

MAKER, H. J.

Soil Associations and Land Classification For Irrigation, McKinley County, W74-09056 7-17 3F

Soil Associations and Land Classification for Irrigation, Taos County, W74-09054 7-17 3F

Soil Associations and Land Classification for Irrigation, Valencia County, W74-09057 7-17 3F

Suitability of New Mexico Lands for Irrigation, W74-09055 7-17 3F

MAKHOVER, Z. M.

Automatic Monitoring and Processing of Hourly Hydrometeorological Information, W74-06730 7-13 2B

MAKI, A. W.

The Effects of Dibrom on Respiratory Activity of the Stonefly, Hydroperla Crosbyi, Hell-grammite, Corydalus Cornutus and the Golden Shiner, Notemigonus Crysoleucas, W74-06040 7-12 5C

MAKI, H.

Discharge Coefficients of Float-Area-Type Flow Meters, W74-09480 7-18 2E

MAKI, W. R.

Area Financing of Water Resource Development in West Minnesota, W74-06846 7-13 6B

MAKSIMCHUK, V. L.

Investigation of the Velocity Structure in the Bottom Region of A Turbulent Wave Flow, W74-04250 7-08 8B

MAKSIMOV, V. E. M.

Microclimatic Conditions on the Cutover Areas of Shelterwood Cuttings, (In Russian), W74-05349 7-10 2I

MAKSIMOV, V. N.

Vertical Distribution of Microbial Plankton in Southern Part of Lake Baikal in 1969, (In Russian), W74-08870 7-17 5C

Vertical Distribution of Transparency in Lake Baikal and its Relationship to Biological In- dices, (In German), W74-06237 7-12 2H	MALER, K-G. Bribs and Charges in Pollution Control: An Aspect of the Coase Controversy, W74-09241 7-17 5G	MALLICK, K. A. Mobility of Elements in Soil Profiles of Mont St. Hilaire, Quebec, Canada, Under Varying Slopes and Drainage Conditions,
W /4-0023/	W/4-09241 /-1/ 30	W74-02007 7-04 2G
MAKSIMOV, YE. V. Catalog of USSR Glaciers. Volume 14. Soviet Central Asia. No. 2. Kirgizia. Part 2. Basins of	MALES, R. M. Communications for Urban Water Resources	MALLINSON, J. H. Electrically Grounded FRP Systems,
Left-Bank Tributaries of the Chu River Downstream from Mouth of the Komorchek	ManagementA Review and Annotated Bibliography, W74-09251 7-18 6B	W74-10845 7-20 8C
River (Katalog lednikov SSSR. Tom 14.	W/4-09231 /-18 6B	MALLON, H. J.
Srednyava Aziya. Vypusk 2. Kirgiziya. Chast' 2. Basseyny levykh pritokov r. Chu nizne ustya r. Komorchek).	Design of Prototype Mass Media Programs for Testing in the Lower James River Basin, W74-09252 7-18 6B	Estimation of Imperviousness and Specific Curb Length for Forecasting Stormwater Quali- ty and Quantity,
W74-11221 7-21 2C	W/4-09232 /-16 GB	W74-07640 7-15 5B
MAKSIMOVA, E. A. Vertical Distribution of Microbial Plankton in Southern Part of Lake Baikal in 1969, (In Rus-	MALEV, V. P. Final Purification of Biochemically Treated Ef- fluents from Wood Rosin Extraction Factories	Use of ERTS-1 Data for Regional Planning in the Metropolitan Washington Council of
sian), W74-08870 7-17 5C	(Doochistka biokhimicheski ochishchennykh stokov kanifol'no-ekstraktsionnogo proizvodst-	GovernmentsA Short Brief, W74-06700 7-13 4A
	va), W74-12960 7-24 5D	MALLONEE, P.
MAKSIMOVA, N. G. Long-Term Trends in Groundwater Level Fluc-	727 32	Our Great Lakes,
tuations (Mnogoletniye tendentsii v	MALHOTRA, S. P.	W74-10784 7-20 5C
kolebaniyakh urovney poszemnykh vod),	Population, Land Use and Livestock Composi- tion in India and Its Arid Zone,	MALLOY, W. T.
W74-07191 7-14 2F MAKSIMOVICH, G. A.	W74-07105 7-14 3F	A Methodology for Power Plant Site Selection at the Reconnaissance Level,
Fundamentals of Karst Science. Volume 2	MALIEVA, L. A.	W74-10602 7-20 6G
(Osnovy karstovedeniya. TOM II),	Comparative Data on the Yield and Chemical	MALM, R. F.
W74-05017 7-10 2F	Composition of Beets Grown on Irrigated and Dry Farms, (In Russian),	Laws and Regulations of Pollution and Naviga-
MAKSUNOV, V. A.	W74-00980 7-02 3F	tion in Pacific Northwest Estuaries,
Age Structure and Growth of Fish in Waters of		W74-07499 7-14 5G
Northern Tadzhikistan, (In Russian), W74-04071 7-08 8I	MALIK, A. S. Dry Land Research in Northwest India. I: Ef-	MALMBERG, G. T.
W/4-040/1 /-08 81	fect of Variable Pre-Planting Tillage on Soil	Availability of Groundwater in the Lower Paw-
MALANCHUK, J. L.	Moisture, Growth, and Yield of Pearl Millet	catuck River Basin, Rhode Island,
Toxicity of Lead Nitrate to Algae, W74-03595 7-07 5C	(Pennisetum typhoides, S. and H), W74-04128 7-08 3F	W74-11023 7-21 4B
MALANCHUK M	7-00 31	MALMI, E. Finnish Directions in Solving Water Pollution
MALANCHUK, M. Comparison of Cadmium 115M Retention in	MALIK, S. K.	Problems,
Rats Following Different Routes of Administra- tion,	Transfer of Knowledge in Water Resources from Developed to Developing Regions with	W74-00790 7-02 5D
W74-12505 7-23 5B	Special Reference to the Conditions of West Pakistan.	MALONE, T. C.
MALCOLM, D.	W74-00217 7-01 10A	The Possible Occurrence of Photosynthetic
Prevention of Long-Term Sequelae Following		Microorganisms in Deep-Sea Sediments of the North Atlantic,
the Absorption of Lead,	MALILA, W. A.	W74-06155 7-12 5B
W74-12518 7-23 5C	Application of ERTS-1 Data to Analysis of Agricultural Crops and Forests in Michigan,	WALCOUR TO F
MALCOLM, R. L.	W74-01684 7-04 3F	MALONE, T. F. The Environmental Context,
Case History of Subsurface Waste Injection of		W74-07696 7-15 5C
an Industrial Organic Waste,	Atmospheric Effects in ERTS-1 Data, and Ad-	
W74-03245 7-07 5E	vanced Information Extraction Techniques, W74-06646 7-13 7C	MALONEY, F. E.
Comparison of Conditional Stability Constants	7-13 /6	A Model Water Use Act for a Riparian State- The Florida Experience,
of North Carolina Humic and Fulvic Acids with	MALINA, J. F. JR.	W74-08545 7-16 6E
Co(II) and Fe(III), W74-07228 7-14 5B	The Relationship of Land Use to Water Use in	
	San Antonio, Texas, W74-07067 7-14 4A	More Heat Than Light: Thermal Pollution Ver-
Fractionation and Characterization of Natural		sus Heat Energy Utilization, W74-07465 7-14 5B
Organic Matter from Certain Rivers and Soils by Free-Flow Electrophoresis,	Virus Removal by Diatomaceous-Earth Filtra-	
W74-03062 7-06 2K	tion - Part 1, W74-08215 7-16 5F	MALONEY, W. E. AND
	W /4-08213 /-16 3F	A Study of Diffusion in an Estuary, W74-04333 7-09 5B
Occurrence of Dissolved Organic Carbon in Selected Ground-Water Samples in the United	MALKMUS, W. AND	W 74-04333
States,	Air Pollution Measurements From Satellites,	MALPAS, J. F.
W74-09917 7-19 5B	W74-04485 7-09 5A	Disinfection of Water Using Chlorine Dioxide, W74-08253 7-16 5D
Preparative Free-Flow Electrophoresis as a	MALLET, J. B. Effect of Moisture Stress Upon Maize Produc-	MALUEG, K. W.
Method of Fractionation of Natural Organic Materials.	tion and Its Economic Significance,	Full-Scale Harvest of Aquatic Plants: Nutrient
W74-00321 7-01 2K	W74-03948 7-08 3F	Removal from a Eutrophic Lake,
MALEKI, M.	MALLET, V.	W74-09438 7-18 5G
Detection and Estimation of Dead-End Pore	Detection of Organophosphorous Pesticides by	Modeling Algal Growth Dynamics in Shagawa
Volume in Reservoir Rock by Conventional	in Situ Fluorometry on Thin-Layer Chromato-	Lake, Minnesota, with Comments Concerning
Laboratory Tests, W74-00944 7-02 8G	grams, W74-06025 7-12 5A	Projected Restoration of the Lake, W74-06563 7-13 5C
1-02 80	1-14 JA	7-13 50

MALUEG, K. W.

Uptake of Radiophosphorus by Rooted Aquatic Plants,
W74-05207 7-10 5C

MALY. J.

Photometric Determination of Manganese in Water by Using O-Tolidine, W74-07315 7-14 2K

MALYAREVSKAYA, A. YA.

Study of Metabolic Regulations Between Cyanophyceae and Fish (In Russian), W74-05327 7-10 5C

MALYSHEV. A. A.

Changes in Rate and Rhythms of Development of Perennial Polycarpic Plants at Different Altitudes in Humid High Mountains, (In Russian), W74-07014 7-13 2I

MALYUK, G. A.

Cuases of Geographical Distribution of Oxygen-18 and Deuterium in Thermal Water of the Sayan-Baykal Mountains (Prichiny geograficheskogo raspredeleniya kisloroda-18 i deyteriya v termal'nykh vodakh Sayano-Baykal'skoy gornoy strany),

W74-05560 7-11 2K

V74-05560 7-11 2.

Isotopic Composition of Oxygen and Hydrogen in Sulfide Waters of the Sochi-Adler Artesian Basin (Izotopnyy sostav kisloroda i vodorada sul'fidnykh vod Sochi-Adlerskogo artezian-skogo basseyna),
W74-01394
7-03 2K

MALZ, F.

The European Scene, W74-13293 7-24 5D

Practical Experience with Devices to Measure
O2 Content, Turbidity, Solid Matter Content
and Electrical Conductivity Used for Monitoring Water Quality in Rivers,
W74-11548
7-22 5A

MAMAYEV, O. I.

Comments on Veronis' Paper, 'On Properties of Seawater Defined by Temperature, Salinity, and Pressure', W74-04658 7-09 2K

MAMEDOV, A. N.

Effect of Mineral Nutrients on the Growth, Development and Productivity of Cotton Under Different Water Supply Conditions, (In Azerbaiyan), W74-02090 7-04 3F

MAMEDOV, G. A.

Effectiveness of Mineral Fertilizers During Cotton Cultivating Depending on Soil Humidity, (In Azerbaijanian), W74-08099 7-15 3F

MAMKAEVA, K. A.

The Fine Structure of Amoeboaphelidium protococcarum Gromov et Mamkaeva--An Endoparasite of Green Alga Scenedesmus, W74-01826 7-04 5C

MAMYKINA, V. A.

Longshore Currents and Sediment Motion in the Coastal Zone of the Sea of Azov, W74-05024 7-10 2L

MAMYRIN, B. A.

Helium Isotopes in Ocean Sediments (Izotopy geliya v osadkakh okeanov), W74-06307 7-12 21 Isotopic Composition of Helium in Thermal Springs of Iceland (Izotopnyy sostav geliya termal'nykh istochnikov Islandii), W74-01396 7-03 2K

MANAHAN, S.

Coal Humates for the Removal of Water Pollutants Associated With the Use of Coal, W74-10993 7-21 5D

MANAHAN, S. E.

An Analytical Method for Total Heavy Metal Complexing Agents in Water and its Application to Water Quality Studies, W74-02658 7-06 5A

An Atomic Absorption Analysis Method for Cyanide, W74-06999 7-13 5A

Atomic Absorption Detector for Liquid-Liquid Chromatography, W74-06998 7-13 5A

Copper Micronutrient Requirement for Algae, W74-01398 7-03 5C

The Importance of Chelating Agents in Natural Waters and Wastewaters,
W74-01326 7-03 5B

MANALIS, R. S.

Presynaptic and Postsynaptic Effects of Lead at the Frog Neuromuscular Junction, W74-12494 7-23 5C

MANANDHAR, J. B.

In Vitro Interactions of Fusarium and Verticillium Wilt Fungi with Water, pH and Temperature, W74-05341 7-10 3F

MANASTER, K. A.

Early Thoughts on Prosecuting Polluters, W74-01613 7-03 5G

MANCHANDA, H. R.

Effect of the Quality of Well Waters on Soils in Gurgaon District,
W74-01252 7-03 2G

MANCHESTER, A. C.

Economic Issues in Management and Utilization of Waste, W74-10151 7-19 5D

MANCY, K. H.

Application of Monitoring Technology (For Assuring) Drinking Water Quality,
W74-10960 7-21 5F

MANDEL, S.

The Role of Molecular Diffusion In Dispersion Theory, W74-01713 7-04 2E

MANDLOL K. K.

Encouraging Residual Effect of Phosphorus on Wheat with One Irrigation, W74-06496 7-12 3F

MANGES, H. L.

Effects of Solid Beef Feedlot Wastes on Soil Conditions and Plant Growth, W74-09699 7-18 5D

MANGS, C.

Methylmercury-Induced Chromosome Damage in Man,
W74-12503 7-23 5C

MANGUM, D. C.

Methods for Controlling Marine Fouling in Intake Systems, W74-00148 7-01 3A

MANHEIM, F. T.

Interstitial Waters of Black Sea Sediments: New Data and Review, W74-12379 7-23 2K

MANI, V. V. S.

Application of Groundwater Hydraulics to a Basaltic Water-Table Aquifer, W74-10569 7-20 4B

MANIGOLD, D. B.

Pesticides in Selected Western Streams - 1968-71, W74-06062 7-12 5A

MANIU. A.

Influence of the Ratio Between Matric and Osmotic Suctions on the Oat and First-Year Alfalfa Yields, (In Rumanian), W74-12715 7-23 3F

MANJI, B. T.

Thermal and Base-Catalyzed Hydrolysis Products of the Systemic Fungicide, Benomyl, W74-01504 7-03 5B

MANJIKIAN, SEROP

Application of Externally Wound Tubular Membrane Systems for Sea Water Desalination, W74-08843

MANKIN, J. B.

Development of an Environmental Unified Transport Model for Toxic Materials, W74-12906 7-24 5B

Documentation of Prosper - A Model of Atmosphere-Soil-Plant Water Flow, W74-07785 7-15 2A

MANN, A. R.

A Comparison of Three Systems for Transport and Treatment of Swine Manure, W74-00416 7-01 5D

MANN, F. H.

Here's How To Find Permeability From Drawdown At a Constant Rate, W74-10101 7-19 8B

MANN, J. M.

Herbicide Analysis by Pulse Polarography-Ficloram, W74-06127 7-12 5A

MANN, L. A.

Usable Water from Raw Sewage, W74-13459 7-24 5D

MANN, L. D.

Increased Denitrification in Soils by Additions of Sulfur as an Energy Source, W74-08322 7-16 5B

MANN, M. S.

Effect of Nitrogen and Phosphorus at Two Moisture Levels on the Status of the Available Zn, Cu, Mn and Fe in the Soil, W74-10918 7-21 5B

MANN, P.

The Political Influence of Residential Consumers on Water Rates,
W74-12786 7-24 6C

Compound Weir Study, (In Chinese)

MAO, S. P.

W74-01875

MAQSOOD, R.

MANN, R. D.

MANZ, P.

W74-07028

A Multichannel Syringe Pump for Steady State Flow in Soil Columns,

MARCOTTE, N.

W74-12707

7-13 2G

Calculation of Water Temperature of Rivers,

Feeding, Handling and Storage of Chlorine, W74-05509 7-11 5F

MANN, W. B.
Low-Level Radioactivity Measurements,

7-18 6E

Seabed Mineral Resource Production and the

MARCOUX, J. M.

Free Market, W74-09287

7-04 2E

Low-Level Radioactivity Measurements,	Feasibility of Physico-Chemical Treatment of	MARCUS, H. J.
W74-05178 7-10 5A	Raw Sewage at Low Temperatures,	Development of Field-Applied DDT, W74-12218 7-23 5G
MANNERING, J. V.	W74-10185 7-19 5D	
Nitrogen and Phosphorus Composition of Sur-	MAR, B. W.	MARCUS, M. D.
face Runoff as Affected by Tillage Method,	Assessment of Selected Rann Environmental	An Ecological Evaluation of a Tnermal
W74-06344 7-12 5B	Modelling Efforts.	Discharge. Part II: The Distribution of
	W74-11038 7-21 6A	Phytoplankton and Primary Productivity Near
MANNIKAR, N. D.		the Western Shore of Lake Erie,
Nitrogen Fertilization of Fodder Sorghum M.	Potential Effects of Thermal Discharges on	W74-03936 7-08 5C
P. Chari (Sorghum Bicolor) Grown Under	Aquatic Systems,	MARCUS, S. J.
Rainfed Conditions,	W74-11107 7-21 5C	Long Term Changes in Marine Ecosystem:
W74-13146 7-24 3F		Ecological Relationships Between Tomales Bay
MANNING, G.	A Summary of Quantity, Quality and Economic	and Adjacent Shelf Waters,
The EPA Research and Development Program	Methodology for Establishing Minimum Flows,	W74-00038 7-01 2L
for Environmental Controls in the Power In-	W74-07847 7-15 6B	
dustry,	MARA, D. D.	MARCY, B. C. JR.
W74-10781 7-20 5G	Coliform Counts of Polluted Waters: A Com-	Observations on the Reactions of Young Amer-
7-20 30	parison of Media and Methods,	ican Shad to a Heated Effluent,
MANNY, B. A.	W74-06093 7-12 5A	W74-02900 7-06 5C
Seasonal Changes in Organic Nitrogen Content	W 74-00093 7-12 3A	MARCZEWCEL C 7
of Net-and Nannophytoplankton in Two Hard-	Low-Cost Facilities for the Bacteriological Ex-	MARCZEWSKI, C. Z. Determination of Fluorine in Petroleum and
water Lakes,	amination of Drinking Water Samples,	Petroleum Process Catalysts with a Fluoride
W74-06495 7-12 5C	W74-00630 7-02 5G	Electrode.
		W74-03864 7-08 5A
MANOHAR, M.	Pankhurst Tubes Modified to Indicate	W 74-03604 7-06 3/A
Sediment Movement at Indian Ports,	Anaerobiosis,	MAREAN, D. F.
W74-04345 7-09 2L	W74-01545 7-03 5A	Solar Evaporation Controlled Irrigation
MANSFIELD, F.		System,
The Relationship Between Galvanic Current	MARANI, A.	W74-07211 7-14 2D
and Dissolution Rates,	Effect of Soil Moisture During Early Stages of	
W74-04168 7-08 8G	Development on Growth and Yield of Cotton	MAREI, A. N.
W /4-04100 /-00 00	Plants,	Migration of Radioactive Strontium in the Bio-
MANSON, A.	W74-10761 7-20 3F	sphere - Some Data on Radiostrontium as a
Improvements in the Manganese Dioxide Col-	MARCANTONATOR M	Factor in Environmental Contamination,
lection of Trace Lead and Bismuth in Nickel,	MARCANTONATOS, M.	W74-12039 7-23 5B
W74-00281 7-01 2K	Phosphorimetric Determination of Traces of Boron,	MAREI, F. A.
	W74-06755 7-13 5A	Contributions to Water Requirements of Wheat
MANSOUR, M. M.	W/4-00/55 /-15 5A	Under Desert Conditions,
Maternal-Fetal Transfer of Organic and Inor-	MARCHAND, P. J.	W74-12721 7-23 21
ganic Mercury Via Placenta and Milk,	Xylem Water Potentials and Stomatal Re-	
W74-12495 7-23 5B	sistance in Bog Plants: Ecological Implications,	MARENKOV, V. S.
MANTEN, A.	W74-00719 7-02 2I	Prolonged Afterglow of Strawberry Leaves at
Incidence of Resistance to Tetracycline,		Various Levels of Hydration, (In Russian),
Chloramphenicol and Ampicillin Among Sal-	MARCHETTI, R.	W74-13378 7-24 2I
monella Species Isolated in the Netherlands in	The Toxicity of Mixtures of Metals and Surfac-	MAREY, A. N.
1969, 1970 and 1971,	tants to Rainbow Trout (Salmo Gairdneri	The Principles of Substantiating Permissible
W74-07562 7-14 5C	Rich.),	Concentrations of Radioactive Substances in
	W74-06138 7-12 5C	Freshwater Bodies (Printsipy Obosnovaniya
MANTHE, R. M.	MARCHYSHYN, M. J.	Dopustimykh Kontsentratsiy Radioaktivnykh
200 MGD Activated Sludge Plant Removes	A Device for Alleviating Supersaturation of	Veshchestv v Vode Presnovodnykh
Phosphorus by Pickle Liquor,	Gases in Hatchery Water Supplies,	Vodoyemov),
W74-04554 7-09 5D	W74-11941 7-22 5C	W74-10912 7-21 5G
MANITON MANAGEMENT	W/4-11941 /-22 3C	
MANTON, M. M. M. Assessment of Coastal Changes with the Aid of	MARCHYULENENE, ED. P.	MARGALEF, R.
Photogrammetric and Computer-Aided	Radionuclide Uptake by Some Freshwater	Plankton Production and Water Quality in
Techniques,	Hydrobionts, (In Russian),	Spanish Reservoirs. First Report on a Research
W74-04271 7-08 7B	W74-13240 7-24 5B	Project,
117-01211		W74-08005 7-15 5C
MANTON, W. I.	MARCIKIC, S.	MARGALITH, P.
Significance of Lead Isotope Composition in	Waste Neutralization Control - Digital Simula-	Iodide Oxidation by a Marine Bacterium,
Blood,	tion Spots Nonlinearities,	W74-03565 7-07 5A
W74-09772 7-18 5A	W74-10454 7-20 5D	
MANUEL D. A.	MARCKWORDT, U.	MARGERUM, D. W.
MANTZ, P. A.	Influence of Water Regime on the Indirect Ab-	Design and Evaluation of a Vidicon Scanning
Cohesionless, Fine Graded, Flaked Sediment Transport by Water,	sorption of Radiocesium, Radiostrontium, and	Spectrometer for Molecular Absorption and
W74-01125 7-03 2J	Radiocobalt by Lowland Rice,	Atomic Emission Spectrometry,
7-03 23	W74-05199 7-10 5B	W74-11394 7-21 5A

MARGESON, J. H.

Devices,

W74-11002

7-23 7B

Operation Characteristics of NO2 Permeation

MARGLIN, S. A.

MARGLIN, S. A. Standards and Criteria for Formulating and	MARK, H. B. JR. A Simple, Rapid Method for the Determination of Trace Mercury in Fish Via Neutron Activa-	MARKOVIC, V. Complex Behaviour of Cobalt in the Danube River.
Evaluating Federal Water Resources Develop- ments,	tion Analysis,	W74-02373 7-05 5B
W7-4-01845 7-04 6B	W74-06788 7-13 5A	MARKOWSKI, S.
MAR.GOLIS, J. Standards and Criteria for Formulating and Evaluating Federal Water Resources Develop-	MARK, S. M. Planning for Quality Growth, W74-12461 7-23 6G	The Cooling Water of Power Stations: A New Factor in the Environment of Marine and Fresh-Water Invertebrates,
naents, W74-01845 7-04 6B	MARKALUNAS, J. J.	W74-02879 7-06 5C
W74-01845 7-04 6B MARGOLIS, J. A.	Turbidity Control by Automatic Diversion, W74-08889 7-17 5D	Observations on the Response of Some Benthonic Organisms to Power Station Cooling
Glass Electrode Responses Interpreted by the Solid State Homogeneous- and Heterogeneous-	MARKARENKO, F. A. Geothermal Resources of the USSR and	Water, W74-02881 7-06 5C
Site Membrane Potential Theory, W74-06095 7-12 2K	Prospects for Their Practical Use, W74-08986 7-17 2F	MARKS, D. H.
MARIER, J. R.		Determination of the Discharge Policy for Ex- isting Reservoir Networks,
The Ecological Aspect of Fluoride,	MARKEE, E. H. JR. Technical Basis for Interim Regional Tornado	W74-08513 7-16 4A
W74-10002 7-19 5	Criteria, W74-10433 7-20 2B	Determination of the Discharge Policy for Ex-
MARINE, G. One Dammed Thing After Another,	MARKER, A. F. H.	isting Reservoir Networks Under Differing Objectives,
W74-09136 7-17 5G	Extracellular Carbohydrate Liberation in the Flagellates Isochrysis Galbana and Prymnesium	W74-00673 7-02 4A
MARINE, I. W.	Parvum,	Multiobjective Analysis in Water Resource
Buried Triassic Basin in the Central Savannah River Area, South Carolina and Georgia,	W74-08745 7-17 5C	Planning, W74-08514 7-16 4A
W74-07916 7-15 2F	MARKET, D. The Economic Impact of Beaver Lake Reser-	Scheduling and Sequencing in Water Resource
Geohydrology of Buried Triassic Basin at Savannah River Plant, South Carolina,	voir: A Cost Benefit Study, W74-01652 7-04 6B	Investment Models, W74-00172 7-01 6A
W74-03241 7-07 5E	MARKHAM, J. W.	Systems Planning Design: Case Studies in
Geohydrology of the Buried Triassic Basin at	Observations on the Ecology of Laminaria Sin- clairii on Three Northern Oregon Beaches,	Modeling, Optimization, and Evaluation,
the Savannah River Plant, W74-07934 7-15 5B	W74-01423 7-03 5C	
MARINI, R. C.	MARKHAM, O. D.	MARKS, G. C. Die-Back in the Mixed Hardwood Forests of
Cost Effectiveness of Current Environmental Engineering Practices,	Environmental and Radiological Monitoring at the National Reactor Testing Station During	Eastern Victoria: A Preliminary Report, W74-01251 7-03 4A
W74-02225 7-05 5D	FY-1973 (July 1972-June 1973), W74-13431 7-24 5A	MARKS, P. J.
Cost Effectiveness of Current Environmental	MARKIN, G. P.	Microbiological Inhibition Testing Procedure,
Engineering Practices, W74-05633 7-11 5G	Levels of Mirex and Some Other Or- ganochlorine Residues in Seafood from Atlan-	W74-12189 7-23 5A
	tic and Gulf Coastal States,	MARKUS, F. I.
MARINO, M. A. A Discrete Space Continuous Time Modeling	W74-13315 7-24 5A	Chlorine Residuals in Treated Effluents, W74-08891 7-17 5C
Approach to Nonsteady Flow in a Leaky	Residues of Mirex and Other Chlorinated Pesti-	MARLAR, T. L.
Aquifer System of Finite Configuration, W74-06887 7-13 2F	cides in Commercially Raised Catfish, W74-08347 7-16 5C	An ERTS View of AlaskaRegional Analysis of Earth and Water Resources Based on Satel-
Growth and Decay of Groundwater Mounds In-	MARKING, L. L. Toxicity of Quinaldine Sulfate to Fish,	lite Imagery, W74-10251 7-19 7B
duced by Percolation, W74-12987 7-24 2F	W74-10387 7-20 5C	
Longitudinal Dispersion in Saturated Porous	The Use of Bioassays to Determine the Rate of Deactivation of Pesticides.	MARLIER, G. Some Simple Methods for Limnological Study
Media, W74-05832 7-11 5B	W74-12261 7-23 5C	in Shallow Water, W74-00998 7-02 7B
Numerical and Analytical Solutions of Dispersion in a Finite, Adsorbing Porous Medium, W74-05334 7-10 5B	MARKLAND, E. Flow Visualization in Free Shear Layers, W74-01271 7-03 8B	MARLOW, K. C. A Computer-Based Telecontrol and Communications System for a Water Supply Network,
Water-Table Fluctuation in Response to	MARKOV, A. P. An Experiment in Sanitary-Virological	W74-06146 7-12 7C
Recharge, W74-09409 7-18 2F	Research on Sewage, (In Russian), W74-04849 7-09 5B	Remote Control of a Water System Using an On-Line Mini Computer,
MARION, G. M.	MARKOVA, N.	W74-12121 7-23 7C
Effect of Ion-Pair Formation on the Solubility	Operation of Pilot Plant Equipment for Purifi-	MARMELSTEIN, A. D.
Product, W74-10345 7-19 2G	cation of Effluents from the Stefan Kiradzhiev Pulp and Paper Mill in Novi Krichim	Aerial Spill Prevention Surveillance During Sub-Optimim Weather,
MARK, D. M.	(Syzlavane rezhim na rabota na poluproizvodst-	W74-07342 7-14 5A
Line Intersection Method for Estimating	vena prechistvatelna stantsiya za promishleni otpadychni v odi ot KTsKh 'Stefan Kiradzhiev'	Application of ERTS-1 Imagery to the Harvest

otpadychni v odi ot KTsKh 'Stefan Kiradzhiev' gr. Novi Krichim), W74-08417 7-16 5D Application of ERTS-1 Imagery to the Harvest Model of the U.S. Menhaden Fishery, W74-06678 7-13 2L

Drainage Density, W74-07174

7-14 2J

MARTIN. C.

MARSHALL, G. R.

MARMOLEIO P. I

Directory of Managers, Engin Scientists in Ocean Waste Disposal a		Intermittent Sand Filtration to Upgrade ing Wastewater Treatment Facilities,		An Investigation into the Extent and Cause Eutrophication in Canyon Ferry Reserv Montana.	
Environmental Science Fields, W74-12020	7-23 5E	W74-06506 7-13	3 5D	W74-11573 7-22	5C
MARONEY, W. J.		MARSHALL, I.		Looe Sewerage and Sewage-Treatm	nent
Apparatus for Fluid Treatment,		Electrolytic Flotation Apparatus, W74-08030 7-15	5 5D	Scheme,	
W74-12799	7-24 5D	W /4-00030 /-13	3 30	W74-13327 7-24	5D
		MARSHALL, N. F.		MARTIN, C. D.	
MAROSCHAK, E. J.		Effects of the Alaska Earthquake and Tsi	unami	A Data Acquisition System for Ecological F	ield
Corrugated Drainage Pipe, W74-10499	7-20 8A	on Recent Deltaic Sediments,		Studies,	
W/4-10422	7-20 OA	W74-00524 7-0	01 2J	W74-07989 7-15	7B
MARPLE, V. A. Physical Characterization of	California	'Internal Waves' Advancing Along Subn Canyons,	narine	MARTIN, D. F. A Note Concerning the Environmental	Ac-
Aerosols,			8 2E	ceptability of Nitrilotriacetic Acid (NTA):	
W74-10954	7-21 5A			Effect of NTA on the Growth of Gymnodir	
MARQUEZ, D.		MARSHALL, R. M.		breve,	**
Establishment, Test, and Evaluation	of a Proto-	Woody Phreatophytes Along the Col		W74-07775 7-15	SC
type Volcano-Surveillance System,		River From Southeast Runnels County Headwaters in Borden County, Texas,	to the	Sedimentary Fluorite in Tampa Bay, Florid	a,
W74-01698	7-04 7B		6 3B	W74-08907 7-17	5A
MADD I I			0 00	MARTIN, D. W.	
MARR, J. J. Coupon Corrosion Rates Versus	Hydrogen	MARSHALL, W. L.		Joint Treatment of Municipal and Pulp Mil	Ef-
Probe Activity,	11, droger	Solubilities of Calcium Sulfate Dihydra		fluents,	
W74-07857	7-15 8G	25C in Brackish Waters and Their Co		W74-09473 7-18	5D
		trates: Effect of Calgon Additive and P tions for Reverse Osmosis Processes,	redic-	MARTIN P. I	
MARRIOTT, L. F.		3274 10026	9 3A	MARTIN, E. J. State of Maryland Waste Oil Recovery	and
Contribution of Animal Waste Nitrogen in Soil,	to Nitrate	7-12	, ,,,	Reuse Program,	and
W74-09697	7-18 5E	MARSHUNOVA, G. N.		W74-10539 7-20	5D
	7-10 51	Toxicity of Sod Podzolic Soils Lysimetric	c Solu-	MARTIN I P	
MARRS, R. W.		tions, (In Russian),		MARTIN, I. F. Absence of Oxygen-Evolving Capacity in E	lark.
Remote Sensing Applied to Land-	Use Studies	W74-05375 7-10	0 2G	Grown Chlorella: The Photoactivation of	
in Wyoming,	7.12 44	MARSTON, R. B.		ygen-Evolving Centers,	
W74-06631	7-13 4A	Nutrient Losses After Clear-Cut Loggin	ng and	W74-06544 7-13	5C
MARSALEK, J.		Slash Burning in the Oregon Coast Range	,	MARTIN, J. A.	
Interfacila Shear Stress in Density V			1 4C	Calculations of Dose, Population Dose	and
W74-12096	7-23 8E	MARSTRAND, P. K.		Health Effects Due to Boiling Water Nu	clear
MARSCHALL, K.		The Pollution Sub-System,		Power Reactor Radionuclide Emissions in	the 1
Apparatus for Treating and Purifyi	ng Sewage		8 6G	United States During 1971, W74-13110 7-24	5A
Particularly Sewage Contaminated			-	W 74-15110 7-24	JA
gents,		MARSZALEK, D. S.		First-Look Analysis of Geologic Ground	Pat-
W74-11411	7-21 5I		Fixed,	terns on ERTS-1 Imagery of Missouri,	70
MARSDEN, J. R.		Frozen, and Dried Protozoa, W74-04497 7-0	9 7B	W74-01704 7-04	7C
Application of Nonlinear Progr	amming to		75 / B	Syracuse Metropolitan Area Comprehen	
Water Quality Control,		MARTEL, R. J.		Plan-Water and Sewer Plan and Services	Allo-
W74-07462	7-14 SI		es for	cation Plan, W74-04507 7-09	5D
Application of Statistical Technic	mes to the	Rhode Island,		W 14-04307	30
Selection of an Optimal Pollution			3 6D	MARTIN, J. E.	
Program,		MARTENS, D. C.		Solvent Extraction of Metal Phenanthroline Complexes and Concentr	
W74-11570	7-22 51	Comparative Yield and Fertilizer Efficie	ency of	of Trace Amounts of Metal Ions Prior to S	
Production Function Theory and	the Ontime	No-Tillage and Conventionally Tilled Cor		trophotometric or Flame Photometric D	
Design of Waste Treatment Facilitie		W74-10335 7-1	19 3F	mination,	
W74-06997	7-13 6I	Effect of Detergent Application on the C	Growth	W74-01354 7-03	5A
B 1 2 B 2 M - 1 M		of com		MARTIN, J. H.	
Production Function Theory for Us Planning Decisions,	e in Optima		02 3C	Seasonal Variations of Cadmium, Co	pper,
W74-07460	7-14 SI	*********		Manganese, Lead, and Zinc in Water	
		MARTENS, L. A. Time of Travel of Solutes in Mississippi	Diver	Phytoplankton in Monterey Bay, California W74-00829 7-02	
MARSH, G. A.		Com Dates Describe Delete A La Hacke		W /4-00829 /-02	2K
The Zostera Epifaunal Community River, Virginia,	in the York	siana,	, Loui	MARTIN, J. H. JR.	
W74-03302	7-07 5/	W74 10646 7 2	20 5B	Windrow Composting of Swine Wastes,	
	. 0, 31			W74-09676 7-18	5D
MARSHALL, A. R.		MARTER, W. L. Control and Treatment of Radioactive	Liquid	MARTIN, J. R.	
The Coast as Seen by the Corps of		W . F.CC		Gamma-Emitting Radionuclides in Alaskan	n En-
W74-12763	7-24 61		22 5D	vironments 1967-1970,	67
MARSHALL-COAKLEY, J.			-	W74-05187 7-10	5B
Depolarized Rayleigh Scattering an	d Hydroge			Prospective Costs of Adjusting to a Dec	lining
Bonding in Liquid Water,	7.01	California High Water, 1970-1971,	06 25	Water Supply: Texas High Plains,	15
W74-12922	7-24 1/	W74-02474 7-0	05 2E	W74-09242 7-17	6D

MARTIN, J. R.

Recent Measurements of Cesium-137 in Re-Santa Rita Experimental Range: Your Facility Conceptual Design and Cost Estimate of a sidence Time in Alaskan Vegetation, for Research on Semidesert Ecosystems, 7-10 5B 7-10 3F W74-05188 MARTIN, S. J. MARWEDE, SCHROEDER Structure and Function of Hardwood Litter and Chemical Characteristics of Dissolved Organic Matter in River Water, Conceptual Design and Cost Estimate 2.5 MGD Soil Subsystems After Chronic Gamma Irradia-W74-05504 7-11 5B tion. II. Microfungi, Desalination Plant. W74-07825 7-15 5C MARTIN, T. C. W74-11637 An Examination of Three Strains of the Blue-MARTIN, K. J. Annotated Checklist and Host Index for Green Algal Genus, Fremyella, MARX. W. Sewage: The Surprising Resource, W74-06759 7-13 5C Arizona Wood-Rotting Fungi, 7-11 5D W74-05794 W74-07097 7-14 2I MARTIN, T. G. MARZOLF, G. R. Microbial Degradation of Petroleum in Con-MARTIN, K. L. tinental Shelf Sediments, Lime Disinfection of Sewage Bacteria at Low W74-05153 7-10 5B Imagery, Temperature. W74-02582 W74-10183 7-19 5D MARTIN, W. C. MASCH, F. D. Water Treatment. MARTIN, K. L. AND Cnoidal Waves in Shallow Water, W74-05891 7-11 5D Lime Disinfection of Sewage Bacteria at Low W74-04959 Temperature. MARTINEC, J. W74-04548 7-09 SD A Portable Water-Stage Recorder for Experi-MASCINI, M. mental Hydrological Measurements, MARTIN, K. R. W74-11497 Electrodes in the Presence of Metal Ions, Exploitation of ERTS-1 Imagery Utilizing W74-12489 Snow Enhancement Techniques, MARTINELLI, M. JR. W74-01701 Simulated Sonic Boom as an Avalanche MASCOLO, D. Trigger. MARTIN-LOF, S. W74-00683 7-02 2C Establishment of a Closed System for the W74-02045 Paper Making Process, Snow Fences for Influencing Snow Accumula-W74-12412 7-23 5D MASNIK, M. T. tion. W74-00684 7-02 2C Establishment of a Closed System for the MARTING, V. E. Papermaking Process. Species. The Effect of Restricted Fluid Entry on Well W74-12944 7-24 5D W74-10800 7-20 2H Productivity. MARTIN, M. K. W74-00953 /-02 8B Rotenone Methods in a Large River System, A Profile of the Four Moment Measures Per-MARTINOLA, F. pendicular to a Shore Line, South Haven, Removal of Organic Matter from Water by MASON, B. B. Michigan. Biodegradation of Nitrilotriacetate (NTA) in W74-01184 7-03 2H Resinous Adsorbents. W74-02266 7-05 5D Soils W74-07624 MARTIN, P. MARTINOLI, A. Arctic Data Buoys and Aidjex, Some Aspects of Weed Control in Vineyards, MASON, B. J. W74-01156 7-03 7B Bioassay Procedures to Evaluate Acute Toxici-(In Italian), W74-00767 7-02 5G Barometric Pressure Measurements from fluent to Pacific Salmon, Buoys During AIDJEX 1972, MARTINU. V. W74-04779 W74-01159 7-03 7B Ultratrace Analysis (Below p.p.b.) by Coupling Centripetal Thin-Layer Chromatography and MARTIN, Q. W. Character and Stability of a Natural Tidal Inlet, Gas Chromatography, Instrumentation for Engineering Management W74-00255 7-01 5A W74-03365 of a Multi-Purpose River Basin System (Trinity River Basin, Texas) Real-Time Engineering MARTSINKOVSKII, A. E. MASON, F. D. Management of a Multi-Purpose River Basin Water Desalting, Support in the Overall Design Development of System, W74-10284 7-19 5E W74-07369 7-14 4A Executive Summary, MARUTA, T. W74-06350 MARTIN, R. M. Determination of Trace Amounts of Chromium

Hudson River, W74-09958 7-19 5C

MARTIN, R. R.

Survival of Brook Trout in a Bog-Derived Acidity Gradient, W74-04873 7-10 5C

MARTIN, R. T.

Equipment For Measuring The Water Permeability as a Function of Degree of Saturation For Frost Susceptible Soils, W74-10657 7-20 2G

MARTIN, S. C.

Invasion of Semidesert Grassland by Velvet Mesquite and Associated Vegetation Changes, W74-05226 7-10 3F

by Atomic Absorption Spectrometry with a Tantalum Filament Atomizer, W74-02367

MARUYASU, T.

A Study on the Erosion of Niigata Beach from ERTS-A Imagery, W74-02584 7-05 7B

MARVIN, K. T.

Some Effects of Filtration on the Determination of Nutrients in Fresh and Salt Water, W74-01521

MARWEDE, M.

Comparison Study of a 2.5 MGD Vertical Tube Evaporator Upflow Versus Downflow, W74-11628

Vapor Compression VTE/MSF Desalting Plant,

Direct Contact Condensation Multistage Flash 7-22 3A

Water Turbidity Detection Using ERTS-1 7-05 7B

7-10 2L

Response of Cyanide Ion Selective Membrane 7-23 5A

Water Demand of Single Dwelling Residences (Demande en eau de residences unifamiliales),

Additions to the West Virginia Ichthyofauna, with Comments on the Distribution of Other

7-06 8I

7-15 5B

ty of Neutralized Bleached Kraft Pulp Mill Ef-

7-07 21.

a National Water Data Exchange (NAWDEX), 7-12 7C

MASON, R. E.

Shotcrete at Mexico City, W74-10452 7-20 8F

MASON, R. W.

Proceedings of Conference on Land Disposal of Municipal Effluents and Sludges, 7-22 5D W74-11833

MASSARI, K.

Alluvion, Islands, and Sand Bars, W74-01612 7-03 6E

MASSARO, E. J.

Cadmium Uptake and Time Dependent Alterations in Tissue Levels in the White Catfish Ictalurus catus (Pisces: Ictaluridae), W74-08348 7-16 5C

Pharmacodynamics of Methyl Mercury in the MASUMOTO, H.

MATHIES, J. B.

Rainbow Trout (Salmo Gairdneri): Tissue take, Distribution and Excretion, W74-07597 7-14		Method of Forecasting Disaster Occ Land Reclamation by Means of Est fluence of Shape of Dike and Co	currence a imating In	at n-	Annual Consumption of Cestum- Cobalt-60 Labeled Pine Seeds by Sm mals in an Oak-Hickory Forest, W74-04450		ım-
MASSART, D. L.		Surrounding Land Reclamation				. 05	-
A Comparison of Fast Destruction Methods	for		Area (II	ın ,	MATHIESON, A. C.		
		Japanese),			Phytoplankton Populations in Relation	on to T	rif.
the Determination of Trace Metals in Biolog	icai	W74-05355	7-10 4/	A	ferent Trophic Levels at Winnipesau		
Materials,						kee La	KC,
W74-01317 7-03	5A	MASUYAMA, K.			New Hampshire, U.S.A.,		
		Recovery of Heavy Metals from V	Waste Aci	id	W74-06529	7-13	3C
MASSE, A. N.		(Haisan Kara No Jukinzoku No Kais	shu),				
Denitrification in Granular Carbon and S	and	W74-11879	7-22 51	D 1	MATHUR, C. P.		
Columns,					Effect of Contour Furrows and Conto	our Bur	nds
W74-10465 7-20	5D	MATALAS, N. C.			on Water Conservation in Grass	slands	of
		Just a Moment,			Western Rajasthan,		
MASSEY, B. C.			7-14 2/		W74-07090	7-14	3E
Annual Compilation and Analysis of Hydro	lon	W74-07414	7-14 22	A	W 14-07030	1-14	31
		MARGNES I B		1	MATHUR, D.		
ic Data for Urban Studies in the Dallas, Te	exas	MATCHES, J. R.					
Metropolitan Area, 1971,		Temperature-Gradient Incubator	for th	he	Food Habits and Feeding Chronolo		
W74-06288 7-12	2A	Growth of Clostridia,			Blackbanded Darter, Percina nig		iata
		W74-03878	7-08 5	A	(Agassiz), in Halawakee Creek, Alaba	ama,	
MASSEY, J. K.					W74-06493	7-12	21
Degradation of Crude Oil by Yeasts and its	Ef-	MATERESE, V.					
fects on Lesbistes reticulatus,		Waste Treatment System,			MATIDA, Y.		
W74-08639 7-16	SC	W74-05898	7-11 5		Acute and Chronic Toxicity, Uptak	e and	Re-
W 14-08039 1-10	30	W /4-03898	7-11 31	D	tention of Cadmium in Freshwater Or		
MACCEN T		MARKET D. A.					
MASSEY, L.		MATERN, R. A.			W74-13027	7-24	SC
Reconnaissance of the Flushing Characteris		San Francisco Bay,					
and Water Quality in Coastal Canals of	the	W74-09956	7-19 5	C	Acute Toxicity and Accumulation of		KC
Gulf of Mexico,					300) in Freshwater Fish, (In Japanese	:),	
W74-10531 7-20	SR	MATHER, J. R.			W74-12245	7-23	5C
7.20	20	Coastal Storms of the Eastern Unite	d States				
MASSIE, J. R. JR.		W74-03098	7-06 2	n	MATIS, J.		
	C	W /4-03096	7-00 2	B	Interaction of Temperature and Copp	ner Ion	
Conceptual Design of Hollow Fine Fiber		MATHERITY					
water Reverse Osmosis Desalting Pilot Plan		MATHERLY, J.			Orienting Stimuli in the Locomotor B	enavio	r or
W74-01911 7-04	3A	Evaluation of a Field-Type Incin			the Goldfish (Carassius auratus),		
		Human Waste, (Theater of Operat	ion Sewag	ge	W74-06769	7-13	5C
Continuous Solid Waste Retort - Feasib	oility	Treatment Systems),					
Study.		W74-11785	7-22 5	D	MATKOVICH, C. E.		
W74-00405 7-01	5D				Salting-Out of Acetone from Water	-Basis	of a
	-	MATHERLY, J. E.			New Solvent Extraction System,		
MASSIE, L. B.		An Economic Feasibility Study of I	Favetteville	le	W74-00290	7-01	214
Element Constitution of Selected Aqu	natic	North Carolina, Treating Fort Bra			W 14-00250	7-01	- Fr
			gg s wast	ic-	Solvent Extraction of Metal Che	elates	into
Vascular Plants from Pennsylvania: Subme		water,				Hattes 1	mic
and Floating Leaved Species and Rooted E	mer-	W74-03187	7-06 5	5D	Water-Immiscible Acetone,		
gent Species,					W74-05311	7-10	5A
W74-01526 7-03	5A	MATHERS, A. C.					
		Soil Conditions Under Feedlots as	nd on Lar	nd	MATLOCK, W. G.		
MASSIE, L. R.		Treated with Large Amounts	of Anim	nal	The Effect of Data Density on Gr	roundw	ate
Land Drainage of Reddish Clay Loams,		Wastes,			Contouring Accuracy,		
W74-10879 7-20	217	W74-00399	7-01 5	CD	W74-08781	7-17	21
W/4-106/9 /-20	31	W 14-00322	7-01	ь	W 74 00701	/-1/	
MASSON T I		MATHEWS, H. L.			Groundwater Recharge from a Port	tion of	the
MASSON, T. J.						non or	tire
Asbestos-Like Fibers in Duluth Water Suj	pply,	Application of Multispectral Remote			Santa Catalina Mountains,	-	
Relation to Cancer Mortality,		Soil Survey Research in Southeaste	ern Pennsy	yl-	W74-08764	7-17	2F
W74-10900 7-20	5C	vania,					
		W74-06494	7-12 7	7B	Use of Digital Computer Technique	s in W	ate
MASSONI, C. J.					Resources Data Storage,		
A Pneumatic Sample Changer for Gamma	-Rav	MATHEWS, N. W.			W74-02357	7-05	4E
Spectroscopy,		Determination of Submicrogram	Amounts	of			
	7B	Mercury by the Oxygen Bomb			A Way to Make the Desert Green,		
W74-02407 7-05	/ 13		Combustie	OII	W74-02346	7-05	21
**************************************		Method,			W 14-02340	7-03	31
MASTELLER, M. B.		W74-11388	7-21 5	5A	MATOCHA, J. E.		
Modeling the Total Hydrologic-Sociologic	Flow					***	
System of Urban Areas,		MATHEWS, P. M.			Recycling and Recovery of		
W74-10351 7-20	4C	The Determination of Trace Qu	uantities	of	Phosphorus, and Potassium by Coas		
		Molybdenum by Atomic Absorp	ption Spe	ec-	dagrass: I. Effect of Sources and	Rates	5 0
MASTERS, H. E.		troscopy,			Nitrogen Under a Clipping System,		
Water Pollution and Associated Effects	from	W74-11371	7-21 5	SA	W74-08327	7-16	58
			7-21 3	-11		. 10	24
Street Salting,	60	MATHEWS, W. H.			Recycling and Recovery of	Nitro	gen
W74-08306 7-16	5B						
*********		Record of Two Jokullhlaups,	-		Phosphorus, and Potassium by Coas		
MASTROMATTEO, E.		W74-09331	7-18 2	2C	dagrass: II. Under Grazing Cond	itions	wit
Mercury in Humans in the Great Lakes Re	gion,				Two Stocking Rates,		
W74-06783 7-13	5B	MATHEY, B.			W74-08328	7-16	51
		Study of the Speed of Water Circ	culation in	a			
MASTROPIETRO, M. A.		Water-Bearing Limestone Deposit			MATRAS, E. J.		
Small Town Gets an Efficient Waste System	m.	Tests (La Serriere River Basin/NE)		-	Plant for Waste Water Treatment,		
•	5D	W74-01563	7-03	2F	W74-12806	7-24	51
7-20	30		7-03				34

MAIRTHOVA, M. V.		
MATRYNOVA, M. V.	MATSUNASHI, J.	MATTHEWS, R. K.
A Study of the Exchange of Dissolved Solids Between Bottom Sediments and Water of Dif-	On a Coexistence System of Flow and Waves, W74-03688 7-07 8B	Phreatic vs. Vadose Diagenesis: Stratigraphy and Mineralogy of a Cored Borehole on Bar-
ferent Water Bodies (Izucheniye obmena rast-	ALL MOUNTS IN	bados, W. I.,
vorennymi veshchestvami mezhdu donnymi ot- lozheniyami i vodoy razlichnykh vodoyemov),	MATSUNO, K. An Epidemiological Study on Clonorchiasis in	W74-04068 7-08 2F
W74-01389 7-03 2J	Kyoto City, (In Japanese),	MATTI, C.
1177 01303	W74-07050 7-13 5C	Ecology of Toxic Metals,
MATSCH, L. C.		W74-12908 7-24 5B
Waste Water Treatment: Using Pure Oxygen for Secondary Treatment,	MATSUO, G.	MATTI, C. S.
W74-05247 7-10 5D	A Study of the Reservoir at the Matsukawa Geothermal Field,	Ecology of Toxic Metals,
	W74-09026 7-17 4B	W74-12024 7-23 5B
MATSCHE, D. E. Large Wastewater Irrigation Systems:		MATTICE, J. S.
Muskegon County, Michigan and Chicago	MATSUO, K.	Production of a Natural Population of Bithynia
Metropolitan Region,	Present State of Drilling and Repairing of Geothermal Production Wells in Japan,	Tentaculata L. (Gastropoda, Mollusca),
W74-12891 7-24 5D	W74-09030 7-17 8A	W74-05049 7-10 5C
MATSON, M.		MATTINGLY, G.
Evaluation of ERTS Data for Certain	MATSUO, KIKUO	Nonlinear Least Squares Techniques for
Hydrological Uses,	An Epidemiological Study on Clonorchis sinen-	System Identification in Water Quality,
W74-09230 7-17 2C	sis at the Northern part of Wakayama Prefec- ture, Middle Japan, (In Japan),	W74-13028 7-24 5A
MATSUBARA-KHAN, J.	W74-07540 7-14 5C	MATTSON, S.
Compartmental Analysis for the Evaluation of		Ionic Relationships of Soil and Plant: 4. Ion
Biological Half-Lives of Cadmium and Mercu-	MATSUO, S.	Uptake in Relation to Membrane Activity and
ry in Mouse Organs, W74-12520 7-23 5B	Decomposition of Nitrogen Compounds in Lake Mud in View of Nitrogen Isotope Ratios:	Moisture,
W74-12520 7-23 5B	I. Analytical Method for Nitrogen Compounds	W74-11280 7-21 2I
MATSUDA, H.	in Sediments,	MATTSON, V. R.
Application of the Fission-Track Technique to	W74-12733 7-23 2K	Toxicity of Sodium Nitrilotriacetate (NTA) to
the Determination of Uranium in Natural Waters.	MATSUOKA, H.	the Fathead Minnow and an Amphipod in Soft
W74-12720 7-23 5A	Waste Water Treatments Including Ozonation	Water, W74-09432 7-18 5C
	Process,	17-10-30
MATSUDA, R. I. The Relations of Periphytic and Planktonic	W74-13306 7-24 5D	MATULEWICH, V. A.
Algal Growth in an Estuary to Hydrographic	MATSUSHIMA, T.	Distribution of Autotrophic Nitrifying Bacteria in a Polluted Stream.
Factors,	Hepatic Tumors in the Guppy (Lebistes reticu-	W74-06834 7-13 5C
W74-01571 7-03 5C	latus) Induced by Aflatoxin B1, Dimethyl-	
MATSUDA, Y.	nitrosamine and 2-Acetylaminofluorene,	MATUSZEK, J. M.
Recovery of Heavy Metals from Waste Acid	W74-06438 7-12 5C	Iodine-129 Levels in Milk and Water Near a Nuclear Fuel Reprocessing Plant,
(Haisan Kara No Jukinzoku No Kaishu),	MATSUSHITA, G. K.	W74-07798 7-15 5B
W74-11879 7-22 5D	Baseline Quality Data for Kalihi Stream,	
MATSUGU, R. S.	W74-04309 7-09 5B	MATVIENKO, A. M.
Evaporation Rates of Liquid Hydrocarbon	MARK C. I	Epizoic Algae in Sewage Waters, (In Russian), W74-13041 7-24 5B
Spills on Land and Water,	MATT, G. J. An Old Pipe Line Brought Back to Life,	W /4-13041 /-24 3B
W74-00775 7-02 5B	W74-02134 7-04 8F	MATZ, R.
MATSUI, H.		Hydrocasting Reverse Osmosis Membranes,
An Automated Method for the Dertemination	MATTHAI, P. J.	Development of Porous Support Tubes, Study of Mechanism of Membrane Formation and
of Trace Amounts of Metal Ions by Ion-	Kentucky Lake Commercial Catfish Catch	Development of Non-Cellulosic Desalination
Exchange Chromatography. Determination of zinc (II) in Waters,	Analysis, W74-11434 7-21 8I	Membranes,
W74-01438 7-03 5A	W/4-11434 /-21 61	W74-00161 7-01 3A
	MATTHEW, F. L.	MAUGERI, T.
MATSUI, M.	Demonstration of a Non-Aqueous Sewage	Further Contribution to the Study of Nitrifica-
Hydrocarbon Components to Floating Oil Pol- lutants of Sea Water, (In Japanese),	Disposal System, W74-06519 7-13 5D	tion in the Sea and in a Brackish Water En-
W74-13075 7-24 5A	W 74-00319 7-13 3D	vironment (In Italian),
	MATTHEWS, C. S.	W74-10341 7-19 5B
MATSUI, N. Measurement of Environmental Pollution and	Pressure Buildup and Flow Tests in Wells,	MAUGH, T. H. II.
Its Systemization.	W74-10092 7-19 8B	Trace Elements: A Growing Appreciation of
W74-10438 7-20 5A	MATTHEWS, D. A.	Their Effects on Man,
MARCHAORO R	A Climatology of Cumulus Seeding Potential	W74-11395 7-21 5C
MATSUMOTO, T. Treatment of Oily Waste Water Using Ac-	for the Western United States,	MAUGHAN, O. E.
tivated Carbon,	W74-09222 7-17 3B	The Effect of Photoperiod on Thermal Re-
W74-13287 7-24 5D	MATTHEWS, D. R.	sistance of Speckled Dace,
MATCHMUDA	Rapid 15-N Isotopic-Ratio Analytical System	W74-02902 7-06 5C

for Environmental Samples,

Short-Term Effects of Organophosphate Pesti-cides on Cholinesterases of Estuarine Fishes and Pink Shrimp,

W74-12032

MATTHEWS, E.

W74-11486

7-01 5B

MAUGHAN, P. M.

W74-07342

Sub-Optimim Weather,

Aerial Spill Prevention Surveillance During

Application of ERTS-1 Imagery to the Harvest Model of the U.S. Menhaden Fishery, 974-06678 7-13 2L

7-23 5A

7-22 5C

W74-00264

MATSUMURA, A.

Recovery of Heavy Metals from Waste Acid (Haisan Kara No Jukinzoku No Kaishu), W74-11879 7-22 5D

MATSUMURA, F.
Isomerization of Gamma-BHC to ALPHA-BHC in the Environment,

MAUGHAN, W. D.	MAVRITSKY, B. F.	MAY, R.
The Physical Setting of the Colorado River	Geothermal Resources of the USSR and	The Demographic, Political, and Administrative
Basin,	Prospects for Their Practical Use,	Setting, W74-09058 7-17 6B
W74-05921 7-11 4A	W74-08986 7-17 2F	W /4-09036 /-1/ 6B
MAUL, G. A.	MAW, M. G.	MAY, S. C.
An Oceanographic Observation of New York	The Use of Artificial Pools in Assessing Popu-	Sea Water Pilot Plant Construction and Opera-
Bight from ERTS-1,	lations of the Mosquito Culex restuans	tion,
W74-09589 7-18 5B	Theobald,	W74-01909 7-04 3A
	W74-01987 7-04 5G	MAUDIDV D D
Remote Sensing of Ocean Currents,	MANUEL B.	MAYBURY, R. B. Chemical Confirmation of BHC Isomers: Com-
W74-06319 7-12 2J	MAWER, P. A.	parison of Alkaline Reactions in Solution and
n	Improved Dynamic Programing Procedures and Their Practical Application to Water Resource	by Gas Chromatographic Pre-Column,
Remote Sensing of Ocean Currents using ERTS	Systems,	W74-05494 7-11 5A
Imagery,	W74-08013 7-15 6A	
W74-06675 7-13 2L	#74 0015	MAYER, C.
MAULWURF, D. A.	Planning and Operational Studies in the In-	Water Quality Control Program at Publishers
Evaluation of Polymeric Clarification of Meat-	tegrated Use of Desalination. Case Studies for	Paper Co.,
Packing and Domestic Wastewaters,	Cyprus and Jersey,	W74-02275 7-05 5E
W74-12210 7-23 5D	W74-07308 7-14 3A	MAYER, F. L. JR.
7-25 35	MANGON C A	Effects of Hatchery Water Reuse on Rainbow
MAUQUOY, G.	MAWSON, C. A.	Trout Metabolism,
Microbiological Determination of Thiram,	Retention of Radionuclides Deposited in the Chalk River Nuclear Laboratories Waste	W74-11943 7-22 50
W74-03846 7-08 5A	Management Areas,	
	W74-10118 7-19 5B	MAYER, L. E.
MAURER, D.	W/4-10110	System Simulation to Identify Environmenta
Distribution of the Fiddler Crabs, UCA Pugnax	MAXAM, D. R.	Research Needs: Mercury Contamination,
and UCA Minax, in Relation to Salinity in	Filter and Slurry Metering System,	W74-06014 7-12 5E
Delaware Rivers,	W74-10028 7-19 5D	MAYER, L. S.
W74-13468 7-24 5B		Estimating a Correlation Coefficient When One
Effect of Spoil Disposal on Benthic Inver-	MAXCY, R. B.	Variable is Not Directly Observed,
tebrates,	Condition of Coliform Organisms Influencing	W74-00619 7-02 70
W74-01420 7-03 5C	Recovery of Subcultures on Selective Media,	
7-03 30	W74-00621 7-02 5B	MAYER, P. G.
Tidal Stream Development and Its Effect on	MAXWELL, E.	Collection of Groundwater Data,
the Distribution of the American Oyster,	Phosphate Removal by Magnetic Filtration,	W74-05120 7-10 4E
W74-04878 7-10 5C	W74-08789 7-17 5D	Environmental Control in Nuclear Fue
		Reprocessing.
MAURER, H.	MAXWELL, P. A.	W74-11955 7-22 5E
The Present and Future Situation of Nuclear	The Ex Post Measurement of Benefits and	
Energy Production and its Associated Industry-	Costs in Small Watershed Projects,	The Role of Sediment Gradation on Channe
-Normal Operation, Accident Prevention and	W74-02212 7-05 6B	Armoring,
Mitigation, Comparative Risk Assessment,	MAXWELL, P. A. R.	W74-07731 7-15 2
W74-11953 7-22 5C	Survey of Economic-Ecologic Impacts of Small	MAVED D
MAURER, W. C.	Watershed Development,	MAYER, R. Investigations on the Transfer of Bioelement
High-Pressure Drilling,	W74-11680 7-22 6B	from Organic Matter to Soil Solution in the
W74-12537 7-23 8C		Humus Layer of a Beech Stand (In German),
725 00	MAY, A.	W74-05367 7-10 20
MAURIELLO, L. J.	Electrophoresis and Coagulation Studies of	
Feasibility Study of the Sand Sinking Method	Some Florida Phosphate Slimes,	MAYER, T.
of Combatting a Major Oil Spill in the Ocean	W74-08591 7-16 5D	Effects of Sediment Diagenesis and Regenera
Environment,	MAY, C. B.	tion of Phosphorus with Special Reference to
W74-02635 7-05 5G	Recovery and Identification of Anaerobes: A	Lakes Erie and Ontario,
MATINUA IN P	System Suitable for the Routine Clinical	W74-01806 7-04 50
MAURYA, R. K.	Laboratory,	MAYEV, YE. G.
Nitrogen Fertilization of Fodder Sorghum M.	W74-04886 7-10 5A	Relation of Fluctuations in Levels of the Caspi
P. Chari (Sorghum Bicolor) Grown Under		an and Aral Seas (O svyazi kolebaniy urovne
Rainfed Conditions,	MAY, E.	Kaspiyskogo i Aral'skogo morey),
W74-13146 7-24 3F	Restoration of an Oyster Resource Destroyed	W74-10229 7-19 21
MAUSEL, P.	by Natural Causes,	
Preparation of Urban Land Use Inventories by	W74-11163 7-21 8I	MAYEVA, S. A.
Machine-Processing of ERTS MSS Data,	MAY, G. A.	Relation of Fluctuations in Levels of the Casp
W74-06637 7-13 4A	Mapping of Agricultural Land Use from ERTS-	an and Aral Seas (O svyazi kolebaniy urovne
	1 Digital Data.	Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 21
MAVICHAKANA, N.	W74-06640 7-13 4A	1-19 21
Uptake of Mercuric Chloride and Methylmer-		MAYHAN, K. G.
cury Chloride from Liquid Media by Aspergil-	MAY, J. P.	Organic Desorption from Carbon-II. The Effect
lus niger and Penicillium notatum,	Selective Transport of Heavy Minerals by	of Solvent in the Desorption of Phenol from
W74-11877 7-22 5C	Shoaling Waves,	Dry Carbon,
MAVOR, A. S.	W74-00107 7-01 2J	W74-02419 7-05 5
State-County Interagency Procedures for Im-	MAY, M. L.	Organic Desorption from Carbon-II. The Effect
posing Environmental Quality Controls on	Heating and Cooling Rates in Four Species of	of Solvent in the Desorption of Phenol from
Water-Oriented Development Activities,	Turtles,	Wet Carbon,
W74-12751 7-24 5G	W74-04243 7-08 5C	W74-02418 7-05 5

MAYHEW, J.

MAYHEW, J.	MC CARTHY, J. J.	MCBIRNEY, W. B.
The Development of Commercial Food Fish	Urea and Other Nitrogenous Nutrients in La	The Information Science Approach to Transfer
Populations at Red Rock Reservoir During the First 3-Years of Impoundment,	Jolla Bay During February, March and April 1970,	of Knowledge, W74-00193 7-01 10A
W74-01834 7-04 6C	W74-01993 7-04 5B	W 14-00155 7-01 10A
		MCBRIDE, L. L.
Some Biological Characteristics of a Channel	MC MECHAN, A. D.	Arizona's Coming Dilemma: Water Supply and
Catfish Population in the Lower Des Moines River with an Evaluation of Potential Commer-	Erosion of Azinphosmethyl from Apple Leaves	Population Growth, W74-01452 7-03 4A
cial Harvest.	by Rain and Overtree Irrigation, W74-01992 7-04 5B	W74-01452 7-03 4A
W74-01833 7-04 6C	W/4-01//2	MCBRIDE, R. N.
	MCADAMS, A. K.	Individual Home Aerobic Wastewater Treat-
MAYKUT, G. A.	Pollution Control Policy and the Efficient Allo-	ment Systems,
Modeling the Pack Ice as an Elastic-Plastic	cation of Resources,	W74-00434 7-01 5D
Material, W74-09941 7-19 2C	W74-05637 7-11 5G	Individual Home Aerobic Wastewater Treat-
717 20	MCADOO, G. D.	ment Systems,
MAYLAND, H. F.	Ground-Water Data for Harris County, Texas:	W74-02668 7-06 5D
Alternative Methods of Estimating Snow Water	Volume IIRecords of Wells, 1892-1972,	MCBBINE T I
Parameters,	W74-05527 7-11 4B	MCBRIDE, T. J. Ozone Disinfection of Industrial-Municipal
W74-00377 7-01 2C	Ground-Water Data for Harris County, Texas:	Secondary Effluents,
MAYO, S. A.	Volume IIIChemical Analyses of Water from	W74-06159 7-12 5D
Printout Colorimeter for Autoanalysis of Water	Wells, 1922-71,	
Pollution,	W74-05528 7-11 4B	MCCABE, J. S.
W74-02374 7-05 5A	MCALEER I B	Underwater Tanker Ballast Water/Oil Separa-
MAYSTRENKO, YU. G.	MCALEER, J. B. Hurricane Studies for Narragansett Bay,	tion, W74-02492 7-05 5G
Techniques in Forecasting Content of Organic	W74-04970 7-10 8B	W 74-02492 7-03 3G
and Biogenic Substances in Water of Existing	7-10 05	MCCAIN, J. F.
and Proposed Water Bodies (K metodike prog-	MCANALLY, W. H. JR.	Water Availability in Mobile County, Alabama,
nozirovaniya soderzhaniya organicheskikh i	Mixing of Salinity-Stratified Water by Pneu-	W74-03811 7-08 4B
biogennykh veshchestv v vode sushchest-	matic Barriers. Report I: Preliminary Investiga-	MCCALDEN, G.
vuyushchikh i proyektir uyemykh vodoyemov), W74-03535 7-07 2H	tions. Hydraulic Model Investigation, W74-05701 7-11 2L	Towards a Model for Prediction of Residential
W 14-03333	W/4-03/01	Water Use,
MAZIS, M. B.	MCANDREW, D. W.	W74-11691 7-22 6A
Elimination of Phosphate Detergents and	Snow Load Analysis and Recreational Uses of	
Psychological Reactance,	Snow Data,	MCCALL, J.
W74-10798 7-20 5C	W74-09610 7-18 2C	Who Owns the Water, W74-09164 7-17 6E
MAZOR, E.	MCARTHUR, D. S.	W/4-09104 /-1/ 6E
Hammat Gader (Israel): Geochemistry of a	Longshore Currents and Nearshore Topogra-	MCCALLA, T. M.
Mixed Thermal Spring Complex,	phies,	Chemical Studies of Solids, Runoff, Soil
W74-10880 7-20 2F	W74-03627 7-07 2E	Profile and Groundwater from Beef Cattle
Mineral Springs in the Suez Rift ValleyCom-	Measurements of Beach Process Variables,	Feedlots at Mead, Nebraska, W74-09680 7-18 5B
parison with Waters in the Jordan Rift Valley	Outer Banks, North Carolina,	W 14-07000 7-18 3B
and Postulation of a Marine Origin,	W74-04205 7-08 2J	Human and Animal Wastes as Fertilizers,
W74-07167 7-14 2K		W74-00419 7-01 5D
Mineral Springs in the Suez Rift Valley - Com-	Sand Movement in Relation to Beach Topog-	Pollution of Air, Water and Soil by Livestock,
parison With Waters in the Jordan Rift Valley	raphy, W74-00020 7-01 2J	W74-00135 7-01 5G
and Postulation of a Marine Origin,	W 74-00020 7-01 23	W 74-00133
W74-07444 7-14 2K	MCBEAN, E.	Quality of Water Discharged from Two
Radiocarbon and Tritium Evidence for Direct	Development of a Marginal Analysis Capability	Agricultural Watersheds in Southwestern Iowa,
Rain Recharge to Ground Waters in the	for Water Resources Simulation Models,	W74-07528 7-14 5B
Northern Kalahari,	W74-02682 7-06 4A	Use of Caissons for Sampling Chemical and
W74-10250 7-19 2F	A Water Quality Simulation Model,	Biological Conditions Beneath a Beef Feedlot,
AAARID E	W74-02683 7-06 5B	W74-10138 7-19 5A
MAZUR, T. Free-Living Amoebae Isolated from Waters	MCGREAN E.	Waste Management and Animal Performance in
Frequented by People in the Vicinity of Poz-	MCBEAN, E. A. A General Purpose Simulation Model for Anal-	Beef Feedlots,
nan: Poland: Experimental Studies in Mice on	ysis of Surface Water Allocation Using Large	W74-10141 7-19 5D
the Pathogenicity of the Isolates,	Time Increments,	
W74-08687 7-16 5C	W74-09568 7-18 6A	MCCANDLESS, W. J. C.
MAZURSKI, M. A. J.	* * * C 1 C 1 d M 1 1	Temperature-Controlled Fluid Manifold For a
The Extraction of Mercury From Aqueous	Joint Use of Screening and Simulation Models in Multiobiective Plan Formulation.	Fluid System of an Automated Sample Analyzer,
Solution with Sulfide-Treated Polyurethane	W74-00177 7-01 6B	W74-13258 7-24 7B
Foam,		
W74-00459 7-01 5A	Planning and Analysis of Metropolitan Water	MCCARLEY, H.
MAZZARELLA, S.	Resource Systems,	Growth Rates of Lepomis macrochirus
Problems Arising from Over Exploitation of the	W74-11451 7-22 6A	(Centrarchidae) in Three Areas of Lake Tex- oma,
Natural Water Reservoir in the Urban District	MCBEAN, G. AND	W74-02422 7-05 2H
of Milan (I Problemi Posti Dal Sovrasfrutta-	Measurements of the Turbulent Fluxes of Mo-	
mento Idrico Del Serbatoio Naturale Nella	mentum, Moisture and Sensible Heat Over the	MCCARTHY, G. T.
Conurbazione Milanese), W74-08354 7-16 4B	Ocean, W74-04673 7-09 2E	Tocks Island Lake Project, W74-11891 7-22 6A
W74-08354 7-16 4B	W74-04673 7-09 2E	W74-11891 7-22 6A

MCCARTHY, J. H. JR.	MCCLEAN, S. W.	MCCOMBIE, F. W.
An Instrumental Technique for the Determina- tion of Sub-Microgram Concentrations of Mer-	Coulometric Determination of Iron(II)-1,10- Phenanthroline with Cerium(IV).	The Removal of Surface Layers from Liquids, W74-02030 7-04 5G
cury in Soils, Rocks, and Gas,	W74-04867 7-10 5A	7-04 30
W74-07948 7-15 2K	MCCLELLAND C A II	MCCONAGHA, D. L.
MCCARTHY, M. M.	MCCLELLAND, G. A. H. Aedes aegypti and Aedes simpsoni Breeding in	Design and Cost Allocation Algorithm for
The Use of ERTS-1 Data for the Inventory of	Coral Rock Holes on the Coast of Tanzania,	Waste Treatment Systems, W74-04116 7-08 5D
Critical Land Resources for Regional Land Use	W74-04697 7-09 2I	W/4-04110 /-08 3D
Planning,	MCCLELLAND I I IB	MCCONNELL, H. H.
W74-06634 7-13 4A	MCCLELLAND, J. J. JR. An Oceanographic Investigation of Thermal	Add Salt to Taste,
MCCARTNEY, M. J.	Changes in Monterey Bay, California, Sep-	W74-05795 7-11 5B
Concentrations of Some Trace Metals in	tember 1971 - January 1972,	MCCONNELL, H. L.
Pelagic Organisms and of Mercury in Northeast Atlantic Ocean Water.	W74-04223 7-08 2L	Carbon Measurements in Water Quality Moni-
W74-01523 7-03 5C	MCCLELLAND, N. I.	toring,
**************************************	Application of Monitoring Technology (For As-	W74-07641 7-15 5A
MCCARTY, J. C. Computer Simulation of Estuarial Networks,	suring) Drinking Water Quality,	MCCONNELL, J. B.
W74-01197 7-03 2L	W74-10960 7-21 5F	A Numerical Model of Material Transport in
	MCCLENNY, W. A.	Salt-Wedge Estuaries, Parts I and II,
MCCASKEY, T. A. Water Pollution by Dairy Farm Wastes as Re-	Detection of Hydrocarbons by Chemilu-	W74-12057 7-23 2L
lated to Method of Waste Disposal,	minescence with Active Nitrogen at 388 nm,	MCCONNELL, L. R.
W74-01651 7-04 5B	W74-11000 7-21 5A	Decolorization of Kraft Mill Effluent,
MCCASKILL, W. R.	MCCLIMANS, R. J.	W74-12945 7-24 5D
Movement of Toxaphene and Fluometuron	Urban Storm Drainage Activities in New York,	
Through Dunbar Soil to Underlying Ground	W74-02171 7-05 4A	MCCONNELL, R. E. The Army, Its Military Activities, and the En-
Water,	MCCLIN, R.	vironment During 1970,
W74-02149 7-04 5B	Trace-Element Interactions Between River	W74-10767 7-20 5G
MCCAULEY, C.	Water and Seawater,	
Land Subsidence: An Economic Analysis,	W74-07805 7-15 5B	MCCORMICK, J. H.
W74-12225 7-23 6C	MCCLOSKEY, L. R.	Thermal Requirements for Maturation, Spawning, and Embryo Survival of the Brook
MCCAULEY, D.	Polychlorinated Biphenyls in the Seastar	Trout, Salvelinus fontinalis,
Community Adoption of Water Reuse Systems	Acanthaster Planci, W74-05301 7-10 5A	W74-02868 7-06 5C
in the United States,	W/4-03301 /-10 3A	MOCODINOP I II AND
W74-10081 7-19 5D	MCCLOY, J. M.	MCCORMICK, J. H. AND Temperature Requirements for Embryos and
MCCAULEY, J. E.	Longshore Currents and Nearshore Topogra-	Larvae of the Northern Pike, Esox lucius
Oregon's Nearshore Ocean,	phies, W74-03627 7-07 2E	(Linnaeus),
W74-10431 7-20 2L	W/4-0302/	W74-04670 7-09 5C
MCCAULEY, J. R.	MCCLUNG, D.	MCCORQUODALE, J. A.
Water Turbidity Detection Using ERTS-1	Incorporation of Glide and Creep Measure- ments Into Snow Slab Mechanics,	A Numerical Model for Flow Past a Spur-Dike,
Imagery, W74-02582 7-05 7B	W74-02742 7-06 2C	W74-12103 7-23 8B
		MCCOCH P
MCCAULEY, R. W. Temperature Selection by Juvenile and Adult	MCCLURE, A. F. Industrial Waste Water Recovery and Reuse,	MCCOSH, B. Coastal - Estuarine and Nearshore Processes,
Yellow Perch (Perca Flavescens) Acclimated to	W74-11914 7-22 5D	an Annotated Bibliography,
24 C,		W74-12351 7-23 2L
W74-01353 7-03 5A		
MCCAULL, J.	A Membrane Biological Filter Device for Reducing Waterborne Biodegradable Pollu-	MCCOWN, R. L. Evaluation of Influence of Available Soil Water
Assault on a Lake,	tants,	Storage Capacity on Growing Season Length
W74-03975 7-08 5G	W74-09713 7-18 5D	and Yield of Tropical Pastures Using Simple
The Black Tide,	MCCLUSKEY, D. S.	Water Balance Models,
W74-10505 7-20 5G	The Connecticut Tidal Wetlands Survey,	W74-06927 7-13 3F
The Tide of Industrial Waste	W74-08159 7-16 6E	MCCOY, D. E.
The Tide of Industrial Waste, W74-09119 7-17 5B	MCCI VMONDE N P	Continuous Process for the Air Oxidation of
	MCCLYMONDS, N. E. Shallow Ground Water in the Zamin Dawar	Sour Water,
MCCAVE, I. N. Mud in the North Sea,	Area, Helmand Province, Afghanistan,	W74-02041 7-04 5D
W74-03031 7-06 2J	W74-02472 7-05 4B	MCCOY, F. C.
	W D	Selective Adsorption of Phenols from Solution
Use of the Model T Coulter Counter in Size Analysis of Fine to Course Sand,	Rico,	in Water,
W74-00103 7-01 2J	11/74 02020	W74-11063 7-21 5E
		MCCOY, J.
MCCLAIN, E. P.	MCCOLL, C. N. Pollution Control of Discharges into Rivers,	Effects of the Feeder Canal on the Water
Earth Satellites and Their Applications in Hydrometry and Hydrology,	Streams and Sea,	Resources of the Fort Lauderdale Prospec
W74-11553 7-22 7B		Well-Field Area,
MCCLADEN M	MCCOMAS, M. R.	W74-04259 7-08 50
MCCLAREN, M. Marine Fungi Isolated from a Kraft Pulp Mill		Summary of Hydrologic Conditions in Collie
Outfall Area,	Twin Lakes Watershed,	County, Florida, 1972,
W74-07396 7-14 5B	W74-06565 7-13 5C	W74-02622 7-05 2A

MCCOY, L. R.

MCCOY, L. R. Apparatus and Method for Removing Solids from Liquids,	MCDONALD, J. F. A High Speed Microprogrammed System for Generation and Acquisition of Signals,	MCFARLAND, M. W. Referral Activities and Other Non-Bibliographic Information Services,
W74-05885 7-11 5D	W74-06021 7-12 7B	W74-03047 7-06 10B
MCCRACKEN, R. J. Organic Compounds in Soil Water of Some Ul-	MCDONALD, J. L. Evaluations of Abate For Mosquito Control in	MCFARLAND, W. E. Strategies in Water Quality Control,
tisols of the Atlantic Coastal Plain, W74-03494 7-07 2G	Polluted Water, W74-01741 7-04 5G	W74-10058 7-19 5G
	MCDONNELL, A. J.	MCFARLANE, A. The Oxygen Consumption of Chironomid Lar-
MCCREADY, R. M. Absorption of Mercuric Cation by Tannins in Agricultural Residues,	Criteria for Estimating Limiting Nutrients in Natural Streams,	vae from Loch Leven in Relation to Tempera- ture,
W74-08314 7-16 5G	W74-06105 7-12 5C	W74-04226 7-08 5C
MCCREARY, J. P.	Evaluation of Prototype Crushed Limestone	MCFARLANE, J. C.
Eastern Intensification of Ocean Spin-Down:	Barriers For the Neutralization of Acidic Streams.	Formation of Methylmercury in a Terrestrial Environment,
Application to El Nino,	W74-10693 7-20 5G	W74-11393 7-21 5B
W74-11894 7-22 2E	Neutralization of Acidic Wastes By Crushed	MODARREN E E
MCCUEN, R. H.	Limestone,	MCFARREN, E. F. Evaluation of a Low-Cost Arsenic and Seleni-
A Sensitivity and Error Analysis of Procedures Used for Estimating Evaporation,	W74-10694 7-20 5G	um Determination at Mic. ogram-Per-Liter
W74-09201 7-17 2D	MCDONNELL, J. P.	Levels, W74-03851 7-08 5A
MCCULLOCH, D. S.	Recovery of Arsenic by Dry Ashing from Animal Tissue Fortified with Organoarsenicals	
Aerial Observations of Suspended-Sediment	or Arsenic Trioxide,	Need for Collaborative Studies of Standard Methods,
Plumes in San Francisco Bay and the Adjacent	W74-07573 7-14 5A	W74-10951 7-21 5A
Pacific Ocean,	MCDOUGAL, J. R.	Marrane C A
W74-13180 7-24 2L	Experimental and Predicted Movement of	MCFETERS, G. A. Survival of Coliform Bacteria in Natural
MCCULLOUGH, C. A. Managing Water Resources from the Wrong	Three Herbicides in a Water-Saturated Soil, W74-02156 7-05 5B	Waters: Field and Laboratory Studies with
Place at the Wrong Time,		Membrane-Filter Chambers, W74-01250 7-03 5B
W74-09528 7-18 6B	MCDOUGALL, J. Modeling Snowmelt Runoff in an Arctic	
MCCULLOUGH, J. D. JR.	Coastal Plain,	MCGAHA, Y. J. The Effects of Variations in Turbidity on Cy-
Effect of Anhydrous Ammonia on a Central	W74-08233 7-16 2C	cles of Planktonic and Benthic Organisms in
Texas Pond, and a Review of Previous	MCDUFF, D. P.	Flood Control Reservoirs of Northern Missis-
Research with Ammonia in Fisheries Manage- ment.	Plant Expanded for Advanced Waste Treat-	sippi, W74-10532 7-20 5C
W74-07595 7-14 5C	ment, W74-08223 7-16 5D	
MCCURDY, H. D. JR.		MCGAHEY, S. O. Archaeological Survey in the Tombigbee River
Method for the Selective Enumeration of Blue-	MCDUFFIE, J. R. Determination of Griseofulvin by Time-	Drainage Area: May-June, 1970,
Green Bacteria in Water, W74-02974 7-06 5A	Resolved Phosphorimetry, W74-01224 7-03 5A	W74-12240 7-23 7B
MOCHITOTIANIAN		MCGARVEY, R. J. Carbonate Bonding of Taconite Tailings,
MCCUTCHAN, J. W. Calcium Sulfate Scale Control in High Tem-	MCEACHERN, R. M. Continuous Process for the Air Oxidation of	W74-07959 7-15 5G
perature Desalting Processes,	Sour Water,	
W74-01926 7-04 3A	W74-02041 7-04 5D	MCGARY, N. B. Tidal Period Oscillations of an Isohaline Sur-
Systems Analysis of a Multi-Stage Tubular	MCELROY, A. D.	face Off the Mouth of the Columbia River,
Module Reverse Osmosis Plant for Sea Water	Pyrolysis as a Method of Disposal of Cattle	W74-01188 7-03 2L
Desalination, W74-11039 7-21 3A	Feedlot Wastes, W74-09673 7-18 5D	MCGAUGHY, D. M.
		Water Quality ReportYakima River, December 1970September 1971,
MCDANIEL, H. C. American Cockroach Feeding in Sewer Access	MCELROY III, F. T. R. Stormwater Runoff Quality for Urban and	W74-06261 7-12 5B
Shafts on Paraffin Baits Containing Propoxur	Semi-Urban/Rural Watersheds,	
or Kepone Plus a Mold Inhibitor,	W74-06851 7-13 5B	MCGAUHEY, P. H. Land Use as a Factor in Coastal Water Quality,
W74-09717 7-18 5G	MCERLEAN, A. J.	W74-00383 7-01 2L
MCDONALD, D. B.	A Sport Fishing Survey in the Vicinity of a Steam Electric Station on the Patuxent Estua-	Synopsis of Workshop on Modeling of the
Some Chemical and Biological Characteristics	ry, Maryland,	Eutrophication Process,
of the Mississippi River Bordering Iowa, W74-02363 7-05 5B	W74-13472 7-24 2L	W74-06561 7-13 5C
	MCEVOY III, J.	MCGEE, O. S.
MCDONALD, G. C. Organic Nutrient Factors Effecting Algal	Demographic Effects of Water Development,	The Content of Water Vapour in the At-
Growths,	W74-00443 7-01 6D	mosphere Over Southern Africa, W74-02913 7-06 2B
W74-03326 7-07 5C	MCEWEN, R. B.	
MCDONALD, I. J.	Progress in Cartography, Eros Program,	MCGHEE, TERENCE J. Aerobic Treatment of Feedlot Runoff,
Growth of Streptococcus cremoris and	W74-06621 7-13 7C	W74-11281 7-21 5D
Streptococcus lactis in a Chemostat. Produc-	MCFARLAND, J. W.	
tion of Cells and Survival of Bacteria during Frozen Storage,	Alternative Futures Using the Wollman-Bonem Models,	MCGILL, G. L. The Use of Radar in Urban Hydrology,
W74-06762 7-13 5C	W74-03888 7-08 6A	W74-11468 7-22 2E

MCGUINESS, J. L.

MCGILL, H. N.

MCHUGH, J. L.

Severe Floods at New Braunfels, Texas, May	Effect of Long-Term Management on Physical	Possible Effects of Construction and Operation
1972, W74-02173 7-05 2E	and Chemical Properties of the Coshocton Watershed Soils, W74-08813 7-17 4D	of a Supertanker Terminal on the Marine Environment in New York Bight, W74-07488 7-14 5C
MCGILL, S. M.	W74-08813 7-17 4D	W 74-07400
An Investigation of the Coulter Counter in	MCGUINNESS, J. L.	MCHUGH, L.
'Biomass' Determinations of Natural Fresh-	Comparisons of Measured and Estimated Daily	Biological Aspects of Offshore Nuclear Power
water Phytoplankton Populations,	Potential Evapotranspiration in a Humid Re-	Plants,
W74-08727 7-17 5A	gion,	W74-09864 7-19 5C
MCCMMPC B B	W74-12988 7-24 2D	MCILHENNY, W. F.
MCGINNES, P. R.		Brine Concentration by Electrodialysis, Phase
Determination of the Fate of Polynuclear Aromatic Hydrocarbons in Natural Water Systems,	MCGUINNESS, W. V. JR.	I,
W74-07827 7-15 5A	Technology Transfer in the Marine Environ-	W74-08500 7-16 3A
W /4-0/62/	ment of Long Island,	
MCGINNESS, J.	W74-07059 7-14 6B	Brine Concentration by Electrodialysis, Phase
Mapping Atlantic Coastal Marshlands, Mary-	MCGUIRE, J. B.	II,
land, Georgia, Using ERTS-1 Imagery,	The Use of Ocean Outfalls for Marine Waste	W74-08501 7-16 3A
W74-02577 7-05 7B	Disposal in Southeast Florida's Coastal Waters,	Conceptual Design of Hollow Fine Fiber Sea-
	W74-09403 7-18 5D	water Reverse Osmosis Desalting Pilot Plant,
MCGINNIS, D. F.	710 32	W74-01911 7-04 3A
Evaluation of ERTS Data for Certain	MCGUIRE, J. F. III.	
Hydrological Uses,	Estimation of Outdoor Recreational Values,	Development of a Selective Algaecide to Con-
W74-09230 7-17 2C	W74-08392 7-16 6B	trol Nuisance Algal Growth,
MCGINNIS, L. D.		W74-00702 7-02 5G
Geophysical Identification of Frozen and Un-	MCGUIRE, J. M.	Mathada for Controlling Marine Fouling in In
frozen Ground, Antarctica,	Current Practice in GC-MS Analysis of Or-	Methods for Controlling Marine Fouling in In- take Systems,
W74-04360 7-09 2C	ganics in Water,	W74-00148 7-01 3A
17-04300	W74-00834 7-02 5A	W/4-00146 /-01 3A
Seismic-Refraction and Earth-Resistivity In-	0 1 0 0 1 11 12 11 11 11 1	MCINTIRE, C. D.
vestigation of Hydrogeologic Problems in the	Organic Pollutant Identification Utilizing Mass	Diatom Associations in Yaquina Estuary,
Humboldt River Basin, Nevada,	Spectrometry,	Oregon : A Multivariate Analysis,
W74-03155 7-06 2F	W74-00309 7-01 5A	W74-01430 7-03 5B
	MCGUIRE, M. J.	
MCGINNIS, S. M.	Viscosity Measurements of Water in Region of	MCINTIRE, W. G.
Body Heat Dissipation and Conservation in	Its Maximum Density,	Beach Cusps,
Two Species of Dolphins,	W74-04518 7-09 2K	W74-01180 7-03 2J
W74-04240 7-08 5C	W/T-04310	MCINTOSH, J. L.
MCGIRR, D. J.	MCGURREN, H. J.	Fate of Nitrate from Manure and Inorganic
Mechanism of NTA Degradation By a Bacterial	The Externalities of a Torrey Canyon Situa-	Nitrogen in A Clay Soil Cropped to Continuous
Mutant,	tion; an Impetus for Change in Legislation,	Corn.
W74-01515 7-03 5B	W74-05628 7-11 5G	W74-08321 7-16 5B
W/4-01515		
MCGLAMERY, M. H.	MCHARG, I. L.	MCINTYRE, A. D.
Microcultures of Brown Bullhead (Ictalurus	Skippack Watershed and the Evansburg Pro-	Pollution Studies in the Clyde Sea Area,
nebulosus) Cells: Their Use in Quantitation of	ject: A Case Study for Water Resources	W74-06049 7-12 5C
Channel Catfish (Ictalurus punctatus) Virus and	Planning,	MCINTYRE, D. R.
Antibody,	W74-00445 7-01 6B	Environmental Levels of Radioactivity in the
W74-05323 7-10 5A	MOURNEY I B	Vicinity of the Lawrence Livermore Laborato-
	MCHENRY, J. R.	ry - 1973 Annual Report,
MCGRANAHAN, D.	Determination of Fallout CS-137 and Naturally	W74-11660 7-22 5B
Quality of Life in Kickapoo Valley Communi-	Occurring Gamma-Ray Emitters in Sediments,	***************************************
ties,	W74-04190 7-08 5B	MCKAY, F. W.
W74-09068 7-17 6B	Distribution of Cesium-137 in a Small	Asbestos-Like Fibers in Duluth Water Supply,
MCGRATH, J. E.	Watershed in Northern Mississippi,	Relation to Cancer Mortality,
New Polymer Membrane Technology for	W74-05191 7-10 5B	W74-10900 7-20 5C
Desalination of Seawater by Reverse Osmosis,		MCKAY, W. C.
W74-00312 7-01 3A	Estimating Soil Erosion from the Redistribution	Evaluation of Concepts for Separating Oil from
7-01 311	of Fallout Cs-137,	Water Discharged from Ships,
MCGRATH, P. A.	W74-06901 7-13 2J	W74-12642 7-23 5G
Summary ReportWeather Modification,		W 14-12042 7-25 30
Fiscal Years 1969, 1970, 1971,	Nitrogen, Phosporus and Other Chemicals in	MCKEAN, W. T.
W74-10233 7-19 3B	Sediments from Reservoirs in North Mississip-	A Comparison of Effluent Characteristics from
	pi,	Conventional and Oxygen Bleaching
MCGRATH, W.	W74-03213 7-07 5B	Sequences: Results of a Laboratory Study,
Riverbanks Improvement Program,	December Codimentation	W74-07375 7-14 5D
W74-05234 7-10 6F	Reservoir Sedimentation, W74-06883 7-13 2J	MOVEE E D
MCGRATTAN, R.	W74-06883 7-13 2J	MCKEE, E. D.
Summary of Environmental Monitoring at	Vertical Distribution of Fallout Cesium-137 in	A Study of Morphology, Provenance, and
Philadelphia, 1958-1971,	Cultivated Soils,	Movement of Desert Sand Seas in Africa, Asia, and Australia.
W74-08648 7-16 5B	W74-08644 7-16 5B	and Australia, W74-01697 7-04 7C
7-10 JB	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	17-01097 /-04 /C
MCGREGOR, R. C.	MCHUGH, J. B.	MCKEE, H. C.
The Influence of Topography and Pressure	Determination of Mercury in Vegetation with	Development of Sample Preparation Methods
Gradients on Shoaling in a Tidal Estuary,	Dithizone - A Single Extraction Procedure,	for Analysis of Marine Organisms,
W74-01204 7-03 2L	W74-07949 7-15 5A	W74-10190 7-19 5A

MC REE, J. E.				
MCKEE, J. E.		Static Leaching Studies on Pul	lpwood Bark	MCLAUGHLIN, D. K.
Clouds in the Crystal Ball,		Residues,		Distribution and Mixing of Inflow into
W74-13277	7-24 6D	W74-13276	7-24 5B	Stratified Lakes: A Hydraulic Model Study, (Phase I).
MCKEE, R.		MCKERCHAR, A. I.		W74-06618 7-13 2H
It's Everybody Lake,		Application of Seasonal Param		
W74-10712	7-20 5G	Stochastic Models to Monthly Flo		MCLAUGHLIN, E.
MCKEEVER, J. R.		W74-10053	7-19 6A	Isotope Effect and the Molecular Mechanism
Utilities and Facilities for No	ew Residential	MCKIBBEN, J. W.		of the Second Viscosity Coefficient of Water, W74-00770 7-02 1A
Development: A Survey of Muni		Method for Removing Suspended	Solids from	W 14-00770
W74-07071	7-14 5D	Liquids,	7.05 50	MCLAUGHLIN, M. E.
MCKELLAR, C. D. JR.		W74-02484	7-05 5D	Process for Treating Water,
Lock and Dam No. 8, Arkansas	River Naviga-	Method for Treating Water		W74-11406 7-21 5D
tion Project; Hydraulic Model In		Suspended Solids from a Sanitary		MCLAUGILLIN, J. J. A.
W74-10315	7-19 8B	W74-09724	7-18 5D	The Development of Artificial Media for
Lock and Dam No. 8, Arkansas	River Naviga-	MCKIM, H. L.		Marine Algae,
tion Project, Hydraulic Model In		Sediment Distribution and Coasta	l Processes in	W74-08734 7-17 2I
W74-11211	7-21 8B	Cook Inlet, Alaska,	2 12 27	MCLEAN, A. Y.
Navigation Conditions at Confly	anna of Arkan	W74-06671	7-13 2L	Changes in Chemical Composition and Physical
Navigation Conditions at Conflu sas, Verdigris, and Grand Rivers		The Unfrozen Water and the App	arent Specific	Properties of a Heavy Residual Oil Weathering
W74-00539	7-01 8B	Heat Capacity of Frozen Soils,		Under Natural Conditions, W74-03877 7-08 5B
		W74-04374	7-09 2C	W 14-03811 1-08 3B
MCKENNA, Q. H. Electrochemical Flotation Conc	ant for Dames	MCKINLEY, P. W.		The Formation of Water-In-Oil Emulsions Sub-
ing Oil from Water,	ept for Kemov-	Occurrence of Dissolved Organ		sequent to an Oil Spill,
W74-02634	7-05 5D	Selected Ground-Water Samples	in the United	W74-02377 7-05 5B
		States, W74-09917	7-19 5B	MCLEAN, E. O.
MCKENNA, R.	blam Orientad	W 74-03317	7-19 3B	Calcium, Magnesium, and Potassium Satura-
A Systems Approach to Pro Research Planning: A Case S		MCKINLEY, R. M.		tion Ratios in Two Soils and Their Effects
Production Wastes,	study of Food	How Areal Heterogeneities Affe	ect Pulse-Test	Upon Yields and Nutrient Contents of German
W74-11040	7-21 5G	Results, W74-05092	7-10 8G	Millet and Alfalfa, W74-11269 7-21 3F
MCKENZIE, D. J.				7-21 31
Lake Okeechobee Seepage M	fonitoring Net-	Wellbore Transmissibility from		Chemical and Sediment Movement from
work,		Dominated Pressure Buildup Data W74-05101	7-10 8G	Agricultural Land into Lake Erie, Supplement
W74-00337	7-01 4A	W 74-03101	7-10 60	Report, W74-05955 7-12 5B
MCKENZIE, G. R.		MCKINNEY, I.		
Wairakei Power Station N	New Zealand	Prevention of Calcium Carbonate	Scale Deposi-	Quality of Drainage Water From a Heavy-Tex-
Economic Factors of Developm		tion in Mill Water Systems, W74-07848	7-15 8G	tured Soil, W74-08088 7-15 5B
tion,				W 74-00000 7-13 3B
W74-09048	7-17 6C	MCKINNEY, M.	the Dischami	Quality of Drainage Water from a Heavy-Tex-
MCKENZIE, H. C. JR.		Investigation of Some Factors in cal Conversion of Hg Polluta		tured Soil,
Policy For Location of Power P	lants in Coastal	Methyl Hg Effected by Microo		W74-10346 7-19 5B
Areas,		Marine Sediment,		MCLEESE, D. W.
W74-11145	7-21 6G	W74-09879	7-19 5B	Olfactory Response and Fenitrothion Toxicity
MCKENZIE, M. D.		MCKINNEY, R. JR.		in American Lobsters (Homarus Americanus),
A Systematic Survey of Intert	tidal Oysters in	Development of Polyamide Memi	branes for Sea	W74-13483 7-24 5C
the Savannah River Basin	Area of South	Water Desalination,		MCLELLAN, I. D.
Carolina, W74-00300	7-01 5C	W74-01933	7-04 3A	Revisions and New Taxa in New Zealand
1177-00300	7-01 30	MCKINNEY, T. F.		Notonemouridae (Insecta: Plecoptera),
MCKENZIE, S. W.		Ridge and Swale Topography of		W74-01299 7-03 2I
Hydrogeology of the F		lantic Bight, North America: Sec		MCLEOD, B. R.
Neutralization of Acid Waters Underground Coal Mines of		to the Holocene Hydraulic Regim W74-05550	7-11 2J	Microwaves, a New Tool for Forest and
land.	Western Mary	W 74-03330	7-11 23	Watershed Management,
W74-09369	7-18 5B	MCKNIGHT, J.		W74-12205 7-23 7B
MCKEOWN, J. J.		First Look Analyses of Five Cyc Imagery Over County of Los An		MCLEOD, K. W.
Operator Certification Program	s Applicable to	ment of Data Utility for Urban		Factors Limiting the Distribution of Salix
Industrially Owned Waste Wate		and Regional Planning,	Development	Nigra,
W74-11100	7-21 5D	W74-06636	7-13 4A	W74-12684 7-23 2I
Pilot Plant Studies of Turbidit	ty and Residual	MCLAMORE, R. T.		MCLERRAN, C. J.
Cell Material Removal from M		The Role of Rock Strength Aniso	tropy in Natu-	Migration and Redistribution of Zinc and Cad-
Granular Media Filtration,		ral Hole Deviation,		mium in Marine Estuarine System,
W74-11088	7-21 5D	W74-03156	7-06 8B	W74-09777 7-18 5B
Preliminary Laboratory Str	udies of the	MCLAREN, A. D.		MCLOUGHLIN, P. A.
Decolorization and Bactericida	al Properties of	A Kinetic Study of Ammonium a	and Nitrite Ox-	'Internal Waves' Advancing Along Submarine
Ozone in Pulp and Paper Mill E		idation in a Soil Field Plot,		Canyons,
W74-11089	7-21 5D	W74-07625	7-15 5B	W74-04261 7-08 2E

MCLUSKY, D. S.		Galveston Bay Hurricane Surge Study:		MCPHATE, A. J.
The Oxygen Consumption of Chiror		2. Effects of Proposed Barriers on Tide		A Parametric Study of Water Resource Varia-
vae from Loch Leven in Relation to	Tempera-	rents, Salinities, and Dye Dispersion for		bles in a Delta Region of South Loui-
ture,	7-08 5C	mal Tide ConditionsAppendix B: Cali	bration	sianaBayou Lafourche Volume I - Technical Discussion, Volume II - Appendices,
W74-04226	7-08 3C	tests, W74-04573 7-4	09 8B	W74-08289 7-16 5B
MCMAHON, J. W.		W /4-043/3	D OD	7-10 35
Seasonal Abundance and Vertical I	Distribution	MCNAUGHTON, K. G.		MCPHEARSON, R. M. JR.
of Crustacean Zooplankton in a	Coloured	A Study of Evapotranspiration from a I	Oouglas	Use of Fluorescent Dye Tracers in Mobile Bay,
Dystrophic Lake in Northeastern On		Fir Forest Using the Energy Balance	e Ap-	W74-07642 7-15 5B
W74-07467	7-14 5C	proach,		MODURBOON D. P.
MOMARON T. C.		W74-02764 7-4	06 2D	MCPHERSON, B. F.
MCMAHON, T. C. Nitrification and Denitrification Faci	lities			Water Quality in the Conservation Areas of the Central and Southern Florida Flood Control
W74-06274	7-12 5D	MCNAUGHTON, S. J.		P
W /4-002/4	1-12 30	Effects of Low Soil Temperature on Tra		W74-01881 7-04 5B
Nitrification and Denitrification	Facilities.	tion, Photosynthesis, Leaf Relative Wat		707 35
Wastewater Treatment,		tent, and Growth Among Elevationally	Diverse	MCPHERSON, E.
W74-12560	7-23 5D	Plant Populations, W74-13492 7-	24 2D	Selected Water-Quality Records for Texas Sur-
		W /4-13492	24 21)	face Waters, 1971 Water Year,
MCMANIS, G.		MCNEAL, B. L.		W74-01086 7-02 7C
The Application of Binary Tree St	ructures to	Characterization of Suspended Sedim	ents in	MCPHERSON, J. K.
Hydrologic Network Simulators, W74-04852	7-10 4A	Water from Selected Watersheds as Re		Factors Limiting the Distribution of Salix
W 74-04032	7-10 4A	Control Processes, Nutrient Content	s, and	Nigra,
MCMANUS, I.		Lake Eutrophication,		W74-12684 7-23 2I
Nuclear Energy and the Environme	ent, An In-	W74-07736 7-	15 5B	17-12-004
terview with A.G.C. Commissioner			***	MCPHERSON, M. B.
Ray,		Predicting Optimum Depth of Profile M		Applications of System Analyzers: A Summa-
W74-09135	7-17 5G	tion by Deep Plowing for Improving	Saline-	ry,
		Sodic Soils,		W74-05008 7-10 5F
MCMANUS, R. J.		W74-09812 7-	19 2G	
The New Law On Ocean Dumping,	Statute and	MCNEELY, D. L.		Innovation: A Case Study,
Treaty, W74-10707	7-20 5G	Distribution and Condition of Fishes in	a Small	W74-07720 7-15 6B
W /4-10/0/	1-20 30	Reservoir Receiving Heated Waters.	u oman	Management of Urban Storm Runoff,
MCMASTER, R. L.			24 5C	W74-10395 7-20 5D
Drowned and Buried Valleys on th	e Southern			7.00.00
New England Continental Shelf,		MCNEIL, W. J.		Need for Metropolitan Water Balance Invento-
W74-05549	7-11 2J	Pink and Chum Salmon Culture,		ries,
		W74-04797	-09 8I	W74-00187 7-01 6A
MCMASTER, W. M.				Post of the Art of the Water ball
Ground-Water Yield Potential in Kr	ox County,	MCNEILL, D.		Problems in Modeling Urban Watersheds,
Tennessee,	7.02 70	Electromagnetic Probing of Permafrost,		W74-09911 7-19 4C
W74-01147	7-03 7C	W74-04400 7-	-09 2C	MCQUADE, R. E.
MCMENAMIN, S. H.		MCNELIS, D. N.		Andover Gives Shot to Supply,
Water Purification - Using Elec	ctrolysis to	SO2 Oxidation Mechanism in Olefin-N	0v-802	W74-10944 7-21 5F
Release Oxygen,		Smog,	01-302	
W74-10347	7-19 5D		-21 5B	MCQUEEN, I. S.
		,		Approximating Soil Moisture Characteristics
MCMICHAEL, B. L.		MCNELLIS, J. M.		from Limited Data: Empirical Evidence and
Abscission Processes in Cotton: In	nduction by	Geology and Ground-water Resources	of Rush	Tentative Model,
Plant Water Deficit, W74-04136	7.00 37	County, Central Kansas,		W74-09901 7-19 2G
W /4-04130	7-08 3F	W74-00352 7-	-01 4B	MCQUEEN, J. R.
MCMILLAN, D. A. JR.		6 199 1 1 1 01	mr. m. :	Startup and Operation of the Rockville Water
Economics of the Geysers Geothe	ermal Field,	Ground-Water Levels in Observation	wells in	Treatment Plant.
California,		Kansas, 1966-70, W74-07650 7.	-15 7C	W74-08872 7-17 5F
W74-09046	7-17 6C	W 74-07630	-13 /	
		MCNITT, J. R.		MCQUIGG, J. D.
MCMULLIN, B. B.		The Role of Geology and Hydro	logy in	Summer Environmental Modification Systems
A Survey of Papers on Ecosystem	ms Analysis	Geothermal Exploration,	- 67	for Dairy Cow Housing in the United States,
from 1947-1971 in the Journal 'Ecolo			-22 4B	W74-10299 7-19 5D
W74-11668	7-22 5B			MCQUIVEY, R. S.
MCNABB, J. F.		MCNULTY, D. E.		Investigation of Diffusion in Open-Channel
Subsurface Biological Activity in	Relation to	Polluted Groundwater: A Review of the	Signifi-	Flows.
Ground Water Pollution,		cant Literature,		W74-11972 7-22 2E
W74-05230	7-10 5B	W74-11800 7	-22 5B	
		MCNULTY 1 K		Multiple Linearization Flow Routing Model,
MCNAIR, A. J.	Date fo	MCNULTY, J. K. Cooperative Gulf of Mexico Estuarine	Invento	W74-09627 7-18 8B
Engineering Analysis of ERTS	Data for	ry and Study, Florida: Phase 1 Area		Simple Method for Predicting Dispersion in
Southeast Asian Agriculture,	7.04 35	tion,	- cacrip	Simple Method for Predicting Dispersion in Streams,
W74-01669	7-04 3F		-13 2L	W74-10676 7-20 5B
MCNAIR, E. C. JR.		,		7-20 38
Galveston Bay Hurricane Surge St	udy: Report	MCPARTLAND, J. T.		Summary of Turbulence Data from Rivers,
1. Effects of Proposed Barriers of	n Hurricane	Atmospheric Water Resources Man	agement	Conveyance Channels, and Laboratory
Surge HeightsAppendix A, Calibra		Program,		Flumes,
W74-08586	7-16 8B	W74-11229 7	-21 3B	W74-10435 7-20 8B

MCQ00WII, K.		
MCQUOWN, R.	MECKELEIN, W.	MEEK, R. L.
The Demographic, Political, and Administrative	Climatic-Geomorphological Zones and Land	Turbulent Heat Transfer and the Periodic
Setting,	Utilization in the Coastal Deserts of the North	Viscous Sublayer,
W74-09058 7-17 6B	Sahara,	W74-02884 7-06 8B
	W74-06480 7-12 4A	MEENACHAN C P
MCROY, C. P.	MECKLENBURG, T. A.	MEENAGHAN, G. F. Characteristics of Wastes from Southwest Beef
Lagoon Contributions to Sediments and Water	Oyster Drill Investigations,	Cattle Feedlots,
of the Bering Sea, W74-02728 7-06 2H	W74-01919 7-04 5G	W74-09694 7-18 5D
W /4-02/28 /-06 2H		W 74-09094 7-18 3D
MCSAVENEY, M. J.	Oyster Drill (Ocinebra Japonica) Control,	MEERS, J. L.
Folding of Cold Ice,	W74-01917 7-04 5G	The Effect of Discontinuous Methanol Addi-
W74-06928 7-13 2C	MEDBERY, H. C.	tion on the Growth of a Carbon-Limited Cul-
	Managing Water Resources: Basic Considera-	ture of Pseudomonas,
MCSHAN, M.	tions and Problems,	W74-03584 7-07 5C
Biological Treatment of Wastewater Using	W74-09734 7-18 6B	MEERS, R. J.
Algae and Artemia, W74-13311 7-24 5D		Design, Drilling and Completion, Operation,
W /4-13311 /-24 3D	MEDERSKI, H. J.	and Cost of Underground Waste Disposal
MCVEE, C. V.	Yield Response of Soybean Varieties Grown At	Wells in Gulf Coast Region of Texas and Loui-
Permafrost Considerations in Land Use	Two Soil Moisture Stress Levels,	siana.
Planning Management,	W74-08805 7-17 3F	W74-13340 7-24 5B
W74-04361 7-09 2C	MEDINA, G.	
MONHORED I C	Comparing the Quality of Our Waters,	MEFFERT, M. E.
MCWHORTER, J. C.	W74-02428 7-05 5A	The Effect of pH, C02-Concentration and Bac-
Severity and Frequency of Drought in Missis-		teria on the Growth of the Blue-Green Alga
sippi, W74-13052 7-24 2B	MEDLAR, S.	Oscillatoria redekei Van Goor (Einfluss von
W 74-13032 7-24 2B	inis water inter cleans reserr,	pH, C02-Konzentration und bakterien auf das
MEAD, D. J.	W74-13332 7-24 5D	Wachsium der Blaualge Oscillatoria redekei
Mucilaginous Matrix of Some Estuarine Sands	MEDVED, T. YA.	Van Goor),
in Connecticut,	Experimental Investigations of the Biological	W74-02965 7-06 5C
W74-04066 7-08 2L	Activity of Organophosphorus Complexones,	MEGARD, R. O.
	W74-01797 7-04 5B	Limnology of Lake Minnetonka,
MEADE, D. B.	MEDITORIU I N	W74-10418 7-20 5C
Map Showing Depth to Bedrock, Old Lyme		720 30
Quadrangle, Connecticut, W74-12629 7-23 7C	Hygienic Evaluation of Means of Enrichment with Salts and Decontamination of Demineral-	Mechanisms that Regulate Growth Rates of
W /4-12029 /-23 /C	ized Water, (In Russian),	Phytoplankton in Shagawa Lake, Minnesota,
MEADE, R. H.	W74-07365 7-14 5F	W74-10422 7-20 5C
Changes in Sediment Loads in Rivers of the At-		District Annual Control of the Contr
lantic Drainage of the United States Since 1900,	MEDVEDEV, S. P.	Phytoplankton Nutrition and Photosynthesis in Lake Minnetonka and Lakes at Fairmont, Min-
W74-13215 7-24 5B		nesota.
	Waste Waters (Kataliticheskoe okislenie i ter-	W74-12227 7-23 5C
The Coastal Environment of New England,	micheskoe obezvrezhivanie stochnykh vod),	17-12-27
W74-03453 7-07 2L	W74-04537 7-09 5D	Rates of Photosynthesis and Phytoplankton
Sea Level as Affected by River Runoff, East-	MEDVEDEV, V. S.	Growth in Shagawa Lake, Minnesota,
ern United States,	Certain Structural and Developmental Coastal	W74-00151 7-01 5C
W74-02709 7-06 2E		
	ry,	MEHDIZADEH, P.
MEADE, T. L.	W74-04432 7-09 2J	Drill Pipe Failures: Where Do We Go From
A Water Quality Problem in Lobster Holding		Here,
Tanks,	Some Results of Regional Coastal Investiga- tions in the USSR.	W74-07869 7-15 8G
W74-07983 7-15 81	W74-04426 7-09 2J	MEHER-HOMJI, V. M.
MEADOWS, J. W.	7-09-23	A Phytoclimatic Approach to the Problem of
Environmental Levels of Radioactivity in the	MEDVEDEVA, T. N.	Mediterraneity in the Indo-Pakistan Sub-Con-
Vicinity of the Lawrence Livermore Laborato	The Dependence of Water Regimen of Palmette	tinent,
ry - 1973 Annual Report,	Type Apple Trees on the Watering Method, (In	W74-12162 7-23 2E
W74-11660 7-22 5E	Russian),	
	W74-00981 7-02 3F	MEHLMAN, I. J.
MEADOWS, R. W.	MEDWAY, L.	Methodology for Recovery and Identification
The Solubility of Very Low Concentrations of	Phenology of a Tropical Rain Forest in Malaya,	of Enteropathogenic Escherichia Coli, W74-06151 7-12 5/
Carbon Monoxide in Aqueous Solution,	11/74 07492	W74-06151 7-12 5A
W74-12316 7-23 5E		MEHRAN, M.
MEALOR, W. T. JR.	MEEK, B. D.	Flood and Seepage Water Sampling Technique
Remote Sensing Study of Land Use and Sedi-	Drain Installation for Nitrate Reduction,	in Rice Fields Under Different Water Manage
mentation in the Ross Barnett Reservoir		ment Practices,
Jackson, Mississippi, Area,	A Flow Path Ground Water Sampler.	W74-08090 7-15 5E

MECKELBORG, E. I.

W74-11963

W74-08617

MECHALAS, B. J.

Surface Aeration of Domestic Wastes Section 1
- The Bonntbrook Sewage Treatment Plant,
W74-10171 7-19 5D

Microbial Decomposition Patterns Using Crude

7-22 4A

7-16 5B

Manganese and Iron Solubility Changes as a Factor in Tile Drain Clogging: II. Observations During the Growth of Cotton, W74-07152 7-14 2G

A Flow Path Ground Water Sampler, W74-03126 7-06 7B

Manganese and Iron Solubility Changes as a

Factor in Tile Drain Clogging: I. Observations

During Flooding and Drying,

W74-07151

MEHRBACH, C.

W74-05731

W74-01276

MEHROTRA, S. C.

7-14 2G

mospheric Pressure,

Measurement of the Apparent Dissociation

Constants of Carbonic Acid in Seawater at At-

Boundary Contractions as Controls in Two-Layer Flows,

7-11 2K

7-03 8B

PA-258

Oil,

Sublethal Effects of DDT on the Behavioral

Responses of Barnacles to Chemical and Tac-

The Design of Rainfall Networks in Time and

On the Synthesis of Random Field Sampling

MEITH-AVCIN, N.

W74-11293

MEJAIJN, J. M.

Space, W74-12312

MEJIA, J. M.

7-22 8B

7-10 7C

7-03 5C

Circular Jumps,

Bayesian Analysis of a Bivariate Normal Dis-

Studies on Methanol-Oxidizing Bacteria. I. Isolation and Growth Studies,

tribution with Incomplete Observations,

W74-11476

MEHTA, J. S.

W74-04893

MEHTA, R. J.

W74-01535

7-07 2K

MELESHIN, V. P.

Kryma), W74-03258

MELESHKIN, M. T.

7-21 5C

7-23 2B

Role of Present-Day Waters in the Karstifica-

tion of Carbonate Rocks on the Crimean Lowland (Rol' sovremennykh vod v

zakarstovanii karbonatnykh porod ravninnogo

Ecological Equilibrium of River-Estuary-Sea Systems and Improvement of Their Efficiency

for the National Economy (O ekologicheskom

MEHTA, V. B.	On the Synthesis of Random Field		ravnovesii sistem reka-liman-more	i novyshenii
Physiological Ecology of Gelidiella Acer	from the Spectrum: An Application		ikh narodnokhozyaystvennov effel	
(Forsskal) Feldmann et Hamel,	Generation of Hydrologic Spatial Fro		W74-08708	7-17 2L
W74-01424 7-03	SC W74-12295	7-23 2B	W 74-08708	7-17 2L
117-01727		-b *:	MELESHKO, G. I.	
MEI, C. C.	Streamflow Simulation: 3. The Bro	oken Line	Organic Water Impurities and E	valuation of
Long Wave Excitation in Harbours-	An Process and Operational Hydrology,		Methods for their Removal in Wa	
Analytical Study,	W74-07520	7-14 2A	Russian).	ter mans (m
W74-11031 7-21	8B MEKOSH, G.		W74-07862	7-15 5D
	D C D	a Porough	11 / 4 0 / 0 0 2	7-13 30
Mass Transport in Water Waves. Part		ie borougn	MELHORN, W. N.	
Theory. Part II. Experiments,	of Phoenixville, Pennsylvania, W74-00153	7-01 5D	Recognition of Surface Lithologi	c and Topo-
W74-03108 7-06	2J W/4-00153	7-01 3D	graphic Patterns in Southwest C	
Note on the Francisco of Long Women One	an MEL'NIKOV, G. B.		ADP Techniques,	olorado with
Note on the Equations of Long Waves Ove	Food Base of Fish and Ways of Incre	essing Fish	W74-02562	7-05 7B
Uneven Bottom, W74-01189 7-03			W 74-02302	7-03 /B
W/4-01189 /-03	voir, (In Russian),	nsk Keser.	MELIN, K. E. R.	
Quadratic Loss and Scattering of Long Way		7-21 2H	Algal Assays of Archipelago Wate	ers Quantita.
W74-11478 7-22		1-21 2H	tive Aspects,	sis. Quantita-
W/4-114/6	Proteolytic Activity of Saprophytic	Microflora	W74-06015	7-12 5C
Radiation and Scattering of Water Waves			W /4-06013	7-12 SC
Rigid Bodies: Part 2. Vertical Cylinders of			MELIN, P. E.	
cular Cross-Section,	W74-03949	7-08 5C		anni Ossantita
W74-11787 7-22	8B	7-08 JC	Algal Assays of Archipelago Water	ers: Quantita-
	MEL'NIKOVA, M. K.		tive Aspects,	
MEIER, M. F.	Uptake of Sodium, Calcium, and C	hlorine by	W74-13495	7-24 5C
Evaluation of ERTS Imagery for Mapping	and Cotton Plants During Irrigation with		MELLEN	
Detection of Changes of Snowcover on I	and Similar to Sea Water, (In Russian),	a Solution	MELLEN, L.	
and on Glaciers.	W74-01766	7-04 3C	Septic Systems: Effects of Surface	e and Subsur-
W74-02604 7-05	7B	7-04 30	face Water,	
	MEL 'NIKOVA, N. I.		W74-01716	7-04 5B
MEIER, P. M.	Organic Matter in Water of Lake	Onega and		
Regional Wastewater Management Systems	Same Water Dadies of the Voles Da		MELLOR, J. G.	0.00
W74-05389 7-10	way in the Summer of 1968 (Orga		Application of Mathematical	Modelling to
			Water Quality Management,	
MEIER, W. L.	veshchestvo v vode Onezhskogo oz		W74-01486	7-03 5B
Development of a Dynamic Water Manager	nent torykh vodoyemov Volgo-Baltiyskog	go vodnoge		
Policy for Texas,	puti letom 1968 g.),		MELLOR, J. W.	
W74-00562 7-02	6A W74-01725	7-04 5B	Accelerated Growth in Agricultur	al Production
MERCHANIN A M. I	Organic Matter in Water of the Volg	n Diver and	and the Intersectoral Transfer of I	Resources,
MEIJERINK, A. M. J.			W74-09550	7-18 3F
Photo-Hydrological Reconnaissance Survey				
W74-10648 7-20			MELLOR, M.	
MEIMAN, J. R.	yeye vodokhranilishch v iyune 196	6 g. 1 tyule	Controlled Release of Avalanch	es by Explo-
Hydrologic Effects of Patch Cutting	of 1969 g.),		sives,	
Lodgepole Pine,	or W74-01724	7-04 5B	W74-02746	7-06 2C
W74-08603 7-16	AC NOTE AND I			
W 74-08003	the state of the	lantification	Mechanical Properties of Rocks	at Low Tem-
Snow-Air Interactions and Management	of A Study of Oil Source Id	entification	peratures,	
Mountain Watershed Snowpack,	recnniques,		W74-04380	7-09 20
W74-12201 7-23	2C W74-11435	7-21 5A		. 0, 20
			MELNICK, J. L.	
MEIN, R. G.	MELAND, N.	aualanmant	Concentration of Enteroviruses	from Large
Independent Comparison of Three Urban	Ru- The Effect of an Artificial Lake D		Volumes of Water.	
noff Models,	Complex on the Groundwater System		W74-02271	7-05 5F
W74-09629 7-18	2A W74-09591	7-18 5B	W/4-022/1	1-03 31
	MELBY, E. G.		Virus Concentration from Sewage	
MEINTS, V. W.		of Matallic	W74-01533	7-03 5D
Further Evidence for the Inability of the				1-03 31
dahl Total Nitrogen Method to Fully Mea			MELOAN, C. E.	
Indigenous Fixed Ammonium Nitrogen in	Sub- Zinc, Copper, Lead and Cadm		The Selective Removal of Nitra	te and Nitrita
soils,	Atomic Absorption Spectrophotome		from Polluted Water,	to and itilities
W74-08819 7-17	2G W74-09760	7-18 5A	W74-06833	7-13 5G
NAMES OF THE PARTY	MELENT'YEV, V. V.		11 /4-00633	7-13 30
MEISEL', M. N.		entent of the	MELOY, T. P.	
Breakdown of Benzo(A) Pyrene by Mic			Oil Recovery System Using Sorbe	ent Material
ganisms in Waste Waters, (In Russian),	Atmosphere and Underlying Surface		W74-04985	7-10 5G
W74-05943 7-11	5B W74-12982	7-24 7B	W 14-04783	7-10 30

MELSHEIMER, E. S.

•		
MELSHEIMER, E. S. Outlet Works Stilling Basins, Clinton and F		de fonctionnement des drains en sol lessive hydromorphe),
Scott Dams, Wakarusa and Marmaton Rive	s, W74-05991 7-12 2C	W74-10570 7-20 4A
Kansas, W74-07930 7-15	A MENZEL, D. W. Marine Phytoplankton Vary in Their Response	The Influence of Drought on the Growth, Yield and Composition of the Field Bean, (In
MELSOM, S.	to Chlorinated Hydrocarbons,	French),
Heavy Metal Tolerance of Marine Phytoplaston. I. The Tolerance of Three Algal Species	k- W74-08728 7-17 5C	W74-05941 7-11 3F
Zinc in Coastal Sea Water, W74-11329 7-21	Marine Phytoplankton Vary in Their Response to Chlorinated Hydrocarbons,	MERIFIELD, P. M. Pseudocolor Transformation of ERTS Imagery,
MELOTED O M	W74-08730 7-17 5C	W74-06656 7-13 7C
MELSTED, S. W. Soil-Plant Relationships (Some Practical Considerations in Waste Management),	11211213, 23 23	MERKLEY, W. B. Ecological Impact of the In-line Arrangement
W74-05977 7-12	III Alizona,	of Two Reservoirs and a Metropolitan Area, W74-11571 7-22 5C
MELTON, R.	W74-00758 7-02 6C	
Trace Organic Contaminants in Drink		MERLINI, M.
Water; Their Concentration by Reverse Osn sis,	Mercury Content of Canadian Foods and Cereals Determined by Different Methods,	The Biological Pathway of Zinc (Zn-65) in Freshwater Fish and its Alteration by Heavy
W74-10982 7-21	W74-06787 7-13 5A	Metals, W74-05201 7-10 5C
MELVILLE, L.	MEDICADO A	W/4-03201 /-10 3C
Biological Surveys: Intent, Methodology, terpretation,	mercapo, A. Economic Aspects of Ground Water Resources	Radiotracer Technique for the Study in Vivo of the Biological Pathway of Heavy Metals in
W74-03086 7-06	5C and Replacement Flows in Semiarid Agricul- tural Areas,	Aquatic Organisms, W74-02025 7-04 5C
MEMMEDOVA, S. E.	W74-04563 7-09 4B	W 74-02023 7-04 3C
Growth of the Caspian Roach in the M	in-	MERMOD, M. J.
gechaur Reservoir, (In Azerbaijarian), W74-08123 7-15	MERCADO, S. High Activity Hydrothermal Zones Detected by	Groundwater Data in Santa Barbara and Southern San Luis Obispo Counties, Califor-
	Na/K, Cerro Prieto, Mexico,	nia, Spring 1970 to Spring 1973,
MENDELSON, R. E. Riverfront Development: The Politics	W74-09018 7-17 2K	W74-03814 7-08 4B
Master Planning.	MERCER, B. W.	MERNA, J. W. AND
W74-08495 7-16	Treatment of Hazardous Material Spills with Floating Mass Transfer Media,	The Effects of Methoxychlor on Aquatic Biota, W74-04553 7-09 5C
MENDIETA, H. B.	W74-04043 7-08 5D	
Reconnaissance of the Chemical Quality Surface Waters of the Rio Grande Ba		MERRIAM, R. A. Fog Drip from Artificial Leaves in a Fog Wind
Texas, W74-08373 7-16	Food Consumption of the Free-Living Aquatic	
	5B Nematode Pelodera Chitwoodi, W74-01225 7-03 5A	
MENDOZA, C. E. Thin-Layer Chromatography and Enzyme	In- MERCER, L. J.	MERRIAM, S. H. Environmental Survey of the Teton River and
hibition Techniques. Introduction, W74-00254 7-01	Efficiency and Equity in Augmenting Water	War to Francisco Contraction Disease
	Supply, W74-09051 7-17 6B	
MENEAR, J. R.		MEKKIMAN, D.
Dehydrated Poultry Manure as a Crude Prot Supplement for Sheep,	MERCIER, II. I.	Calefaction of the Connecticut River, U.S.A., W74-02864 7-06 5B
W74-00413 7-01	5G Modeling Algal Growth Dynamics in Shagawa Lake, Minnesota, with Comments Concerning	
MENEELY, J. M.	Projected Restoration of the Lake,	The Potential of Meteorological Satellite Cloud
The Potential of Meteorological Satellite Cle		Observations for Delineation of Significant
Observations for Delineation of Signific Features of Coastal Upwelling Off Oregon,	mercier, J. A.	Features of Coastal Upwelling Off Oregon,
W74-12338 7-23	7B Model Study of the Dilution of Soluble Liquids	
MENG, C. Y.	Discharge from Tankers, W74-08451 7-16 5E	MERRITT, W. F. Dispersion and Transport of Rhodamine B Dye
Study of Heat Conduction Models of Geotl	er-	and Methoxychlor in Running Water: A
mal Energy Reservoirs, W74-09006 7-17	MEREDITH, D. D. Bibliography on Optimization of Irrigation	Preliminary Study
	Systems,	
MENGEL, K. The Effect of Soil Moisture Upon the Ava	W74-01657 7-04 3F	Retention of Radionuclides Deposited in the Chalk River Nuclear Laboratories Waste
bility of Potassium and its Influence on	the Hydrologic Models of the Great Lakes,	Management Areas,
Growth of Young Maize Plants (Zea mays L W74-02554 7-05	3F	177.0010
	Network Analysis of Conjunctively Operated	MERKINAN, J. G.
MENKEL', M. F. Trends and Problems in Investigation of Lo	Ground Water-Surface Water Systems, W74-06504 7-13 4E	Coalescing Plates and Packs for Oil Water Separation in Various Shipboard Applications,
Term Fluctuations of River Rur	off	W74-01882 7-04 5G
(Napravleniya i zadachi issledovar	iya MERIAUS, SUZANNE, Infiltration and Leaching of a Located Tracte	
mnogoletnikh kolebaniy rechnogo stoka), W74-08051 7-15	2E in an Unsaturated Soil: Effect of Initia	Implementation of Citizen Participation in the
MENNELLA, R. A.	Moisture Content, (in French),	Municipal Process,
Measurements of the Distribution and Volume	W74-01752 7-04 2C	W74-12468 7-23 6G
of Sea-Surface Oil Spills Using Multifreque	cy MERIAUX, S.	MERTENS, J.
Microwave Radiometry,	Functioning Process of Drainage in	
W74-10429 7-20	5B Hydromorphic Washed Soil (Sur le processus	W74-02040 7-04 5B

An Electrockemical Mathed for Manitorine the

W74-08897 7-17 5D	Effect of Different Carbon Sources on Growth,	Oxygen Content of Aqueous Streams at the
W /4-0809/	Reproduction, Amino Acid Synthesis, Fat and	Part-Per-Billion Level,
MESENGISSER, M. J.	Sugar Contents in Ulva Fasciata Delile,	W74-04104 7-08 5A
The Automatic Filter Press FPAKM (Die	W74-04098 7-08 5C	Long Cust
Auotomatische Filterpress FPAKM), W74-08217 7-16 5D	Effect of Different Salinities on Growth,	Long Surf, W74-01203 7-03 2E
W/4-0021/	Reproduction, Amino Acid Synthesis, Fat and	W 74-01203 7-03 ZE
MESHCHERYAKOVA, A. I.	Sugar Content in Ulva Fasciata Delile,	Reactions and Transport Phenomena, at Sur-
Role of Ultranannoplankton Algae in Primary	W74-04097 7-08 5C	faces,
Production in Lake Baikal During the Summer,	Effect of Temperature Variations on Growth	W74-00162 7-01 3A
(In Russian), W74-00488 7-01 2H	Effect of Temperature Variations on Growth, Reproduction, Amino Acid Synthesis, Fat and	Some Three-Dimensional Effects in Surf,
W/4-00400 /-01 2H	Sugar Content in Ulva Fasciata Delile Plants,	W74-04942 7-10 2J
MESING, A. E.	W74-05499 7-11 5C	
Vortex Oil-Water Separator System Providing		SURF,
Clean Water,	METZGER, D. G.	W74-04725 7-09 2J
W74-05894 7-11 5G	Geohydrology of the Parker-Blythe-Cibola Area, Arizona and California,	Surface Wave Resonance on Continental and
MESKHETELI, A. V.	W74-12339 7-23 2F	Island Slopes,
Groundwater Discharge into Seas (O razgruzke		W74-03616 7-07 2E
podzemnykh vod v morya),	METZLER, D. F.	
W74-01962 7-04 2F	Legal Problems in Water Pollution Control, W74-12239 7-23 6E	MEYER, R. F.
The Problem of Direct Groundwater Discharge	W74-12239 7-23 6E	Sensitivity of Cell Division and Cell Elongation
to the Seas,	MEXAL, J.	to Low Water Potentials in Soybean Hypocotyls,
W74-06881 7-13 2F	The Growth of Selected Mycorrhizal Fungi in	W74-01249 7-03 3F
	Response to Induced Water Stress,	177-01247
Subsurface Component of the Hydrologic Budget of the Caspian Sea (O podzemnoy	W74-12789 7-24 5B	MEYER, R. P.
sostavlyayushchey vodnogo balansa	MEYER, A. S.	Investigation of the Sediments and Potential
Kaspiyskogo morya),	Experimental Results from Processing Gasbug-	Manganese Nodule Resources of Green Bay,
W74-06449 7-12 2F	gy Gas in a Natural Gas Processing Plant,	Wisconsin,
	W74-02021 7-04 5B	W74-07652 7-15 2J
MESMER, R. E.	MENTER E W	Underwater Copper Exploration in Lake Su-
Hydrolytic Behavior of Toxic Metals, W74-12027 7-23 5B	MEYER, F. W. Availability of Groundwater for the U.S. Navy	perior Prospects Mapped in 1971,
W 14-12021 1-23 3B	Well Field Near Florida City, Dade County,	W74-11392 7-21 5B
Hydrolytic Behavior of Toxic Metals,	Florida.	
W74-12911 7-24 5B	W74-12076 7-23 4B	MEYER, W. R.
MESSEN A B		Hydrology and Water Resources of the Nepon- set and Weymouth River Basins, Mas-
MESSEM, A. B. Growth of Crop Roots in Relation to Soil	Reconnaissance of the Water Resources in the	sachusetts,
Moisture Extraction,	Vicinity of Proposed Deep-Well Injection Sites in Southeast Dade County, Florida,	W74-02480 7-05 7C
W74-13414 7-24 3F	W74-07915 7-15 5B	7.05 7.0
		MEYERS, J. T.
MESSINGER, W. C.	Salinity Studies in East Glades Agricultural	The Mercury Content of Prehistoric Fish,
Industrial Water Pollution ControlAn Over-	Area, Southeastern Dada County, Florida,	W74-07026 7-13 5A
view, W74-04028 7-08 5D	W74-00329 7-01 3C	MEYERS, R. R.
W /4-04026	MEYER, L. D.	Selective Destruction of Bacteria,
MESTROV, M.	Transport of Soil Particles by Shallow Flow,	W74-00083 7-01 5F
Limnological Characteristics of Jezero on the	W74-05669 7-11 2J	
Island of Krk, (In Serbo-Croatian),		MEYERS, S. P.
W74-02386 7-05 2H	MEYER, M.	The Impact of Oil on Marshland Microbial
METAL'NIKOV, S. V.	ERTS-1 Applications to Minnesota Land Use Mapping,	Ecosystems,
Organization of the Collection and Decon-	W74-06632 7-13 4A	W74-08631 7-16 5C
tamination of Industrial and Domestic Radioac-	177-00052	The Microbial Degradation of Oil Pollutants,
tive Sewage, (In Russian),	MEYER, M. P.	W74-08609 7-16 5B
W74-07362 7-14 5D	Alfalfa Crop Productivity Analysis,	
METCALF, C. C.	W74-05521 7-11 7B	MEYERS, T. J.
Thermal Sludge Conditioning in Kalamazoo,	Corn Defoliation Surveys,	Microbial Decomposition Patterns Using Crude
Michigan,	W74-05520 7-11 7B	Oil, W74-08617 7-16 5B
W74-09439 7-18 5D		W74-08617 7-16 5B
METCALE D.I.	Forest Disease Detection and Control,	MICHAEL, N. K.
METCALF, R. L. Biochemistry of Selective Toxicity and	W74-05516 7-11 7B	Floodplain Mapping and Planning for the 50
Biodegradability: Comparative O-Dealkylation	Forest Vegetation Classification and Manage-	and 100 Year Interval Flood Zones of the Bit-
by Aquatic Organisms,	ment,	terroot Valley, Montana,
W74-07126 7-14 5C	W74-05518 7-11 7B	W74-02215 7-05 4A
Environmental Distribution and Metabolic Fate	MEYER, N. L.	MICHAEL, P.
of Key Industrial Pollutants and Pesticides in a	Interregional Impacts of Alternative Water Pol-	Oceanic Atmospheric Dispersion,
Model Ecosystem,	icies for Irrigation in Western United States,	W74-09865 7-19 5C
W74-01655 7-04 5D	W74-12002 7-23 3F	
		MICHAELS, A.
METCALF, T. G.	MEYER, R. E.	Waste Management: Generation and Disposal
The Use of Magnetic Iron Oxide for Recovery	Climb of a Bore on a Beach. Part I. Uniform Beach Slope,	of Solid, Liquid and Gaseous Wastes in the New York Region,
of Virus From Water, W74-10905 7-21 5D	W74-00035 7-01 2L	W74-09353 7-18 5G
1-21 30	10005	7-10 30

MICHALIK, J. J.

MICHALIK, J. J.	MICHLER, R.	MIELKE, P. W. JR.
Pollution Control: Preliminary Mandatory In-	On the Thermoelectric Measurement of Water	Some Generalized Beta Distributions of the
junction to Prevent, Correct or Reduce Effects	Transfer in Plant Stems,	Second Kind Having Desirable Application
of Polluting Practices,	W74-10601 7-20 2I	Features in Hydrology and Meteorology,
W74-09986 7-19 6E	MICHNA, L.	W74-07412 7-14 2A
MICHALOVIC I C	Seepage Flows-Field Data Measurements for	MIETTINEN, J. K.
MICHALOVIC, J. G. Glue Treatment-Pick a Way,	Evaluation of Potential Contribution of Fertil-	Mercury as a Hydrospheric Pollutant II.
W74-00165 7-01 5D	izers to Groundwater Pollution,	Biological Half-Time of Methyl Mercury in
W/4-00103 /-01 3D	W74-01054 7-02 5B	Four Mediterranean Species: A Fish, a Crab,
MICHALSKI, P. J.		and Two Molluscs,
The Distribution of Minor Elements Between	MICK, G. E.	W74-06767 7-13 5C
Coexisting Calcite and Dolomite in the Gasport	Boulder Creek Flood Control ProjectAn En-	
Member of the Lockport Formation, Lockport,	vironmental Status Report,	MIEURE, J. P.
New York.	W74-02859 7-06 6F	Determination of Trace Organic Components in
W74-10861 7-20 2F		Aqueous Wastes,
W 74-10001 7-20 21	MICKLIN, P.P.	W74-10974 7-21 5B
MICHALSON, E. L.	Environmental Hazards of Nuclear Wastes,	
Summary Report for a Methodology Study to	W74-09502 7-18 5B	Determination of Trace Organics in Air and
Develop Evaluation Criteria for Wild and	MIDDAUGH, D. P.	Water,
Scenic Rivers.	Retention of Two Mercurials by Striped Mullet,	W74-03576 7-07 5A
W74-07608 7-15 6B	Mugil Cephalus,	MO I OUGH AND N
	W74-12504 7-23 5B	MIGALOVSKAYA, V. N.
MICHEL, B.	W 14-12504 1-25 5B	Chronic Effect of Strontium-90 + Yttrium-90
Apparatus for Removing Particulate Matter,	MIDDENDORFF, I. G.	on the Frequency of Chromosomal Aberrations
W74-12447 7-23 5D	Survival in Maturation Ponds of Coliform Bac-	in the Embryonal Cells of the Atlantic Salmon,
	teria With Transferable Drug Resistance,	W74-02067 7-04 5C
MICHEL, H. O.	W74-06748 7-13 5C	Effect of X-Irradiation on the Gametes and
Detection and Estimation of Isopropyl		Embryonal Cells of the Atlantic Salmon,
Methylphosphonofluoridate and O-Ethyl S-	MIDDLEBROOKS, E. J.	W74-02068 7-04 5C
Diisopropylaminoethylmethylphosphonothioate	Biological Response to Detergent and Nonde-	W 74-02008 7-04 3C
in Seawater in Parts-Per-Trillion Level,	tergent Phosphorus in Sewage - Part I,	MIGALOVSKIY, I. P.
W74-02427 7-05 5A	W74-04901 7-10 5C	Development of Atlantic Salmon Eggs Under
	District Descript Determined Manda	Conditions of Radioactive Contamination of
MICHEL, J. W.	Biological Response to Detergent and Nonde-	Water by Strontium-90 - Yttrium-90 and Ceri-
Irrigation System,	tergent Phosphorus in Sewage - Part II,	um-144,
W74-05928 7-11 3F	W74-06873 7-13 5C	W74-02061 7-04 5C
	Detergent and Non-Detergent Phosphorus in	
MICHEL, R.	Sewage,	Development of Fish Eggs and the Early Period
Bomb-Produced Tritium in the Antarctic	W74-03606 7-07 5B	of Gametogenesis in the Embryos and Larvae
Ocean,	7.07.55	of the Atlantic Salmon Under Conditions of
W74-05993 7-12 5B	Intermittent Sand Filtration to Upgrade Exist-	Radioactive Contamination of Water,
	ing Wastewater Treatment Facilities,	W74-02063 7-04 5C
MICHEL, S.	W74-06506 7-13 5D	
Toxicity of an Algal Complex on Freshwater		MIGET, R.
Fauna: 1. Action on Some Benthic Animals and	Temperature-Toxicity Model for Oil Refinery	Bacterial Seeding to Enhance Biodegradation
Fishes. (in French),	Waste,	of Oil Slicks,
W74-08108 7-15 5C	W74-13264 7-24 5B	W74-08641 7-16 5B
Toxicity of an Algal Complex on Freshwater	MIDDLETON, J. E.	MATERIAL CO
Fauna: 2. Action on Lymnaea Spp. (in French).	A Quick-Weighing Lysimeter System Check,	MIHAI, G.
W74-08109 7-15 5C	W74-10749 7-20 7B	Bryocenological Research in Some Areas of the
W /4-08109 /-13 3C	W/4-10/49 /-20 /B	Iron Gate of the Danube, (In Rumanian),
MICHELS, D. E.	MIDGLEY, S. J.	W74-01453 7-03 2I
Annual Environmental Monitoring Report -	Water Quality Investigations on Forested	MIHAJLOVIC, I.
Rocky Flats Plant, (Colorado), January	Catchments in the Cotter River Valley,	The Application of 'Rotenone' for the Exter-
Through December, 1972,	W74-11692 7-22 5B	mination of the Indigenous Fish Stock in
W74-09843 7-19 5A		Waters Where Intensive Fish Farming is to be
	MIEGE, J.	Introduced,
MICHELSEN, D. L.	Climatic Data of the High Altitude Meteorolog-	W74-08001 7-15 8I
The Removal of Soluble Mercury from Waste	ical Stations of the Geneva Region For 1970,	7-13 61
Water by Complexing Techniques,	(In French),	MIHURSKY, J. A.
W74-07845 7-15 5D	W74-06532 7-13 7C	Effects of Temperature on Activity and Mor-
	MIELE, R. P.	tality of the Scyphozoan Medusa, Chrysaora
MICHELSON, L. F.	Dewatering Digested Primary Sludge,	quinquecirrha,
A Reliable and Inexpensive Soil Frost Gage,	W74-09441 7-18 5D	W74-07561 7-14 5C
W74-01574 7-03 2G	W 74-03441 7-16 3D	
	Summary Report: Pilot Plant Studies on De-	MIKAMI, H.
MICHENER, D. W.	watering Primary Digested Sludge,	Yamadaphycus, a New Genus of the Deles-
Comparison of Drainage Methods in a Heavy-	W74-00700 7-02 5D	seriaceae (Rhodophyta),
Textured Soil,		W74-06753 7-13 5A
W74-10881 7-20 3F	MIELENZ, R. C.	MINISTAN A B
Outlies of Parliane William P.	Petrography and Engineering Properties of	MIKHAIL, A. D.
Quality of Drainage Water From a Heavy-Tex-	Igneous Rocks,	Capital Budgeting for Pollution Control,
tured Soil, W74-08088 7-15 5B	W74-03143 7-06 8A	W74-09558 7-18 5G
W74-08088 7-15 5B		

tured Soil, W74-10346

7-15 5B

7-19 5B

Quality of Drainage Water from a Heavy-Tex-

MIELKE, J. H.

W74-08869

Evaluation of a Rotating Disk Wastewater Treatment Plant,

7-17 5D

MIKHAILENKO, I. YA.

Significance of Docks in Dissemination of Diphyllobothriasis near Rivers and Large Transport Water Bodies (According to Data

MILANOVIC, B.

from the Volga Piers and the Volgograd Reser-

III.ANO, M. J.

Design and Evaluation of a Vidicon Scanning
Spectrometer for Molecular Absorption and
Atomic Emission Spectrometry,
W74-11394
7-21 5A

MILLER, D. A.

W74-00991	7-02 5C	in the Carpathians of Yugoslavia and	under Alfalfa,
W 14-00331	7-02 30	Czechoslovakia,	W74-10330 7-19 5B
MIKHAILENKO, L. E.		W74-08983 7-17 2F	
The Relationship of Bacteria	and Blue-Green		MILLER, D. E.
Algae, (In Russian),		MILES, J. R. W.	Effective Available Water and Its Relation to
W74-12710	7-23 5C	Organochlorine Insecticide Residues in Streams Draining Agricultural, Urban-Agricultural, and	Evapotranspiration Rate, Depth of Wetting, and Soil Texture,
MIKHAILOV, A. V.		Resort Areas of Ontario, Canada - 1971,	W74-00608 7-02 2G
Hygienic Standardization of th	ne Components of	W74-00070 7-01 5B	17-00000 7-02 20
Rubber Production Sewage in			MILLER, D. L.
(In Russian),		MILES, M. E. AND	Flood Studies,
W74-13373	7-24 5C	Environmental Monitoring and Disposal of	W74-01061 7-02 8A
		Radioactive Wastes from U.S. Naval Nuclear-	702 011
MIKHAILOVA, N. V.		Powered Ships and Their Support Facilities,	MILLER, D. P.
Determination of Polyacrylan	nide in the Drink-	1972,	Vortex Oil-Water Separator System Providing
ing Water by Means of		W74-04441 7-09 5B	Clean Water,
Photometric Method, (In Russ		MILFORD, G. F. J.	W74-05893 7-11 5G
W74-02932	7-06 5A	Effects of Shading and of Seasonal Differences	
		in Weathering on the Growth, Sugar Content	MILLER, D. S.
MIKHALEVICH, V. I.		and Sugar Yield of Sugar Beet Crops,	Control and Distribution of Uranium in Coral
Foraminifers of Lake Issyk-	Kull and Ground-	W74-01229 7-03 3F	Reefs During Diagenesis,
waters of Central Asia, (in Ru	ssian),	W 74-01229 7-03 31	W74-04070 7-08 2K
W74-01763	7-04 2H	MILGRAM, J. H.	
		Rough Water Barrier,	Incorporation of Uranium in Modern Corals,
MIKHAYLOV, V. M.		W74-10595 7-20 5G	W74-03064 7-06 2K
Role of Depth of Channel D			
Formation of Low Flow in 1		MILHAM, P. J.	MILLER, D. W.
(Rol' glubiny vreza rusel v	formirovanii maz-	Prevention of Selenium Interference with Mea-	Groundwater Contamination in the Northeast
hennogo stoka gornykh rek),		surement of Phosphate as its Molybdenum (V-	States,
W74-02753	7-06 2E	VI) Complex,	W74-11806 7-22 5B
		W74-01345 7-03 5A	
MIKHAYLOVA, Z. A.			Water Atlas of the United States,
Results of an Operational Tes	st of M-100 Radio-	MILHOUS, R. T.	W74-08668 7-16 7C
Electronic Snow Gages,		Sediment Transport at Low Shields-Parameter	Water Atlant of the Heited States
W74-00109	7-01 2C	Values,	Water Atlas of the United States,
		W74-05835 7-11 2J	W74-10107 7-19 7C
MIKHEL', V. M.		MILLAR, J. B.	MILLER, E.
Description of Snow Tran		Estimation of Area and Circumference of Small	
Deposition in the European U		Wetlands.	Analysis of Lightweight Oil Containment
W74-00112	7-01 2C	W74-13033 7-24 2A	System Sea Trials,
MINIONION A I		***************************************	W74-11224 7-21 5G
MIKHOVICH, A. I.		Vegetation Changes in Shallow Marsh Wet-	MILLER, E. G.
Moisture Balance in the Oa		lands Under Improving Moisture Regime,	Water Resources of the New Jersey Part of the
Northern Donets Right Bank,		W74-12682 7-23 2I	Ramapo River Basin,
W74-00983	7-02 4A		W74-03806 7-08 4B
Moisture Expenditure by Fo	reet and Fields in	MILLER, A. C.	W 14-03600 7-08 4B
the Protective Afforestation		A Detailed Investigation of the Sociological,	MILLER, E. M.
sian),	regions, (in rus-	Economic, and Ecological Aspects of Proposed	Flood of October 1972 at Petersburg and
W74-01099	7-02 3F	Reservoir Sites in the Salt River Basin of Ken-	Colonial Heights, Virginia,
W /4-01099	7-02 3F	tucky,	W74-06957 7-13 7C
MIKLAS, H. P.		W74-04310 7-09 2A	1-13 /6
Observations on the Distribut	tion of Chlorinated	Diffusion and Dispersion in Open Channel	MILLER, G. L.
Hydrocarbons in Atlantic Oc		Flow,	Agricultural Waste Water Accommodation and
W74-11484	7-22 5B	W74-05833 7-11 5B	Utilization by Various Forages,
W 74-11404	1-22 JB	W/4-03033	W74-10903 7-21 5D
MIKOLAJ, P.		MILLER, A. H.	7-21 35
Determination of Oil Loss F	Rates from a High	Comparison of Gage and Radar Methods of	MILLER, G. S.
Seas Oil Containment Barrier		Convective Precipitation Measurement,	Currents at Toledo Harbor.
W74-08290	7-16 5G	W74-01149 7-03 2B	W74-01214 7-03 2H
11 74 00220	7-10 30		
MIKOLAJ, P. G.		MILLER, B. S.	MILLER, H. H. JR.
Report on the Composition of	of Oil from the Re-	Checklist of Puget Sound Fishes,	A Demonstration of Thermal Water Utilization
gion of New Hydrocarbon		W74-03060 7-06 2L	in Agriculture,
Santa Barbara Channel,		WILD CE	W74-10199 7-19 5D
W74-04919	7-10 5A	MILLER, C. F.	
		The Interagency Conference on the Environ-	MILLER, H. M.
MIKULECKY, D. C.		ment - A Post-Conference Survey, W74-13118 7-24 6G	Metals Focus Shifts to Cadmium,
A Continuum Mechanical	Approach to the	W74-13118 7-24 6G	W74-07697 7-15 5B
Flow Equations for Membr	rane Transport: I.	MILLER, D.	
Water Flow,		Chemical and Biological Survey of the Savan-	Methylmercury: Bacterial Degradation in Lake
W74-13367	7-24 2E	nah River Adjacent to Elba Island,	Sediments.
		W74-03804 7-08 5B	W74-13038 7-24 5B
MILANO, M. J.			

Sea Water System For Aquaculture of Estuarine Organisms at The Skidaway Institute of Oceanography.

W74-10670 7-20 5D MILLER, J. B. Reducing See compacted, S W74-01718

Reducing Seepage from Stock Tanks with Uncompacted, Sodium-Treated Soils, W74-01718 7-04 4A

MILLER, J. C.

MILLER, J. C. A Mass Balance Model of Trace M	detals in	MILLER, R. A. The Toxicity of 2,3,7,8-Tetrachlo	rodibenzo-P-	Mercury Determinations in Natural Water Persulfate Oxidation.	s by
Several Delaware Watersheds,		Dioxin (TCDD) in Guppies (Poe		W74-11378 7-21	5A
	7-05 5B	latus Peters), W74-12274	7-23 5C	MILLER, S. M.	
MILLER, J. E.	b. T	MILLER, R. D.		Long-Term Changes in the Settlement of	Bar-
Physiological Response of the Mud C	rab, Eu-	Conversion of Urban Refuse to Oil	١.	nacles in the Miami Area, W74-12248 7-23	SC
rypanopeus Depressus to Cadmium, W74-06126	7-12 5C	W74-00406	7-01 5D	1-23	30
W 74-00120	1-12 30	Ford form Assistant Wester		MILLER, T. A.	
MILLER, J. F. Weather Situations Associated with	Floods	Fuel from Agricultural Wastes, W74-10157	7-19 5D	Problem Definition Study: Evaluation Health and Hygiene Effects of the Dispos	
During 1972,		Soil Freezing in Relation to Pore	Water Pres-	Pesticides and Pesticide containers,	
W74-09392	7-18 2E	sure and Temperature,		W74-00580 7-02	5G
AMILED I M		W74-04381	7-09 2C	MILLER, T. W.	
MILLER, J. M. A Multidisciplinary Survey for the	Manage.	MILLER, R. F.		Permafrost Protection for Pipelines,	
ment of Alaskan Resources Utilizin		Approximating Soil Moisture C	haracteristics		2C
Imagery,	S LIKE	from Limited Data: Empirical E			
	7-13 4A	Tentative Model,		MILLER, V. L.	
MILLOR I D		W74-09901	7-19 2G	Metal Coordination Compounds	of
MILLER, J. R.	she Con	MILLER, R. H.		Thiabendazole, W74-05490 7-11	6.4
Recent Developments in the Law of	the Sea	The Soil as a Biological Filter,		W /4-03490 /-11	5A
IV: A Synopsis, W74-06965	7-13 6E	W74-12874	7-24 5D	MILLER, W. J.	
W 74-00703	7-13 OE			Endogenous Zinc Excretion and 65	Zinc
MILLER, J. S.		Soil Microbiological Aspects		Metabolism in Holstein Calves Fed I	nter-
Explosive Fracturing in Heavy Oil San	dstone,	Sewage Sludges and Waste Effluer W74-05972	7-12 5D	mediate to High But Nontoxic Zinc Leve	els in
W74-10088	7-19 8E	W 14-03912	7-12 3D	Practical Diets,	
MILLED I W		MILLER, R. J.		W74-07954 7-15	5C
MILLER, J. W. A Multiparameter Oil Pollution Source	Identifi	Drought-Affected Mitochondrial		MILLER, W. L.	
cation System,	e identiti-	Related to Tissue and Whole Plant		Cost Sharing for Recreation: Efficiency	and
	7-01 5A	W74-04127	7-08 3F	Equity,	
		Energy Requirements and Food	Supplies of		6B
MILLER, K. G.		Ctenophores and Jellyfish in the P	atuxent River		
Distribution of the Fiddler Crabs, UC	_	Estuary,		Systematic Development of Methodologic	
and UCA Minax, in Relation to S	alinity in	W74-01991	7-04 2L	Planning Urban Water Resources for Me	
Delaware Rivers, W74-13468	7-24 5B	Soil Water Content: Microwave O	ven Method.	Size Communities: Economic and Environ tal Impacts of Surface Runoff Dis	
1174-13400	7-24 36	W74-10206	7-19 2G	Systems,	posui
MILLER, L.					6A
Protection of the Environment During	g Demoli-	MILLER, R. L. Experimental Determination of R	un un of Un		
tion Activities,		dular and Fully Developed Bore		MILLIGAN, T.	
W74-11208	7-21 5G	amination of Transition Modes		Automated Furrow Irrigation, W74-10759 7-20	3F
MILLER, L. C.		Structure,		W 74-10739 7-20	3F
Seasonal Variation in Heart Rate Re	sponse to	W74-04936	7-10 8B	Big Guns and Black, Waxy Gumbo,	
Core Temperature Changes,		The Internal Velocity Field in Bre	aking Waves	W74-10744 7-20	3F
W74-04244	7-08 5C	W74-04960	7-10 2J	Class (A) Bar and Industrian Saladalian	
MILLER, M.				Class 'A' Pan and Irrigation Scheduling, W74-10751 7-20	3F
Guidelines for Successful Center-Piv	ot Irriga-	Kraft Pulpers and Pollution F	roblems and	W 74-10731 7-20	36
tion,		Prescriptions, W74-00774	7-02 5D	More ProductionFewer Irrigations,	
W74-09798	7-18 3F	W/4-00//4	7-02 30	W74-09799 7-18	3 F
MILLED M. C.		Kraft Pulping Effluent Treatmen	t and Reuse -	Cabadulina Iminations With Wish Co. 1	Dete
MILLER, M. C.	hide and	State of the Art,	710 50	Scheduling Irrigations With High-Speed from a Computer,	Data
Effect of Adjacent Expansible Fi Caprock Leakage on Buildup and I		W74-05110	7-10 5D		4A
Behavior of Wells in an Aquifer,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A Study of Sediment Distribution	n in the Zone		***
W74-04152	7-08 4B	of Shoaling Waves Over Compli		Should I Irrigate Only Every Other Row,	
		Topography,		W74-10748 7-20	3F
The Threshold of Sediment Moveme	ent Under	W74-03709	7-07 2J	Tailwater,	
Oscillatory Water Waves, W74-04065	7-08 2J	MILLER, R. R.			3C
W 74-04003	1-00 23	An Introduction to Computer	Information		30
MILLER, M. H.		Systems in Distribution,		MILLIMAN, J. D.	
Nitrate Content of Percolates from	Manured	W74-12122	7-23 4A	Sediments of the East Atlantic Contin	nental
Lysimeters,		MILLER, R. W.		MarginA Preliminary Report,	
W74-00417	7-01 5B	Asbestos-Like Fibers in Duluth V	Water Supply,	W74-11739 7-22	2 2L
MILLER, M. R.		Relation to Cancer Mortality,		MILLIMAN, J. W.	
Hydrology Impacts: Part IGroun	nd Water	W74-10900	7-20 5C	The Market Structure of the Southern Ca	alifor-
Hydrology,		Coumaphos as a Feed Additive for	or the Control	nia Water Industry,	
W74-06446	7-12 3B	of House Fly Larvae in Cow Man	ure,	W74-10414 7-20	0 6B
MILLER, M. W.		W74-00411	7-01 5D	MILLS, E. L.	
Foam Fractionation of Mercury(II) N	itro Com-	Effect of Bacillus Thuringiens	sis in Cattle	Lead, Cd, Zn, Cu, and Co in Streams and	Lake
plexes,		Manure on House Fly Larvae,	in Carrie	Waters of Cayuga Lake Basin, New York.	
W74-07945	7-15 5A	W74-00414	7-01 5G	W74-09762 7-18	8 5B

MILLS, J. G. JR.	MINDLING, A. L.	poverkhnostnymi i rezhima rechnogo stoka pri
Biology of the Alabama Shad in Northwest	Development and Management of Groundwater	raschetakh inf il'tratsionnykh vodozaborov),
Florida,	in Relation to Preservation of Desert Pupfish in	W74-00848 7-02 8A
W74-01248 7-03 2I	Ash Meadows, Southern Nevada,	MINNEHAN, R. F.
MILLS, L. R.	W74-12752 7-24 4B	A Study of the Optimal Mix of Private and
Federally Reserved Rights to Underground	MINEAR, R. A.	Public Action for Local and Regional Water
Water-A Rising Question in the Arid West,	Investigation of the Chemical Identity of Solu-	Conservation,
W74-02792 7-06 6E	ble Organophosphorus Compounds Found in	W74-02654 7-06 6B
	Natural Waters,	MINNING B.C
MILLS, M. T.	W74-08935 7-17 5A	MINNING, R. C. The Electrical Resistivity Method (Part I),
Development of an Environmental Unified	Septic Tanks and Groundwater Pollution,	W74-07852 7-15 7B
Transport Model for Toxic Materials,	W74-09593 7-18 5B	117-01052
W74-12906 7-24 5B	1174-05555	MINSHALL, G. W.
A Multisource Atmospheric Transport Model	Wastewater Treatment Technology (Second	Environmental Survey of the Teton River and
for Deposition of Trace Contaminants,	Addition),	Henry's Fork of the Snake River,
W74-11651 7-22 5B	W74-00582 7-02 5D	W74-01839 7-04 4A
	MINER, J. R.	MINTON, G. R.
MILNE, J.	Agricultural Waste Management,	Primary Sludges Produced by the Addition of
Trickle Irrigation in Australia,	W74-09504 7-18 5D	Lime to Raw Waste Water,
W74-07450 7-14 3F		W74-08224 7-16 5D
MILNE, J. B.	Automated Hydraulic Waste-Handling System	ACCOUNTS IN F
Chloride and Lead in Urban Snow.	for a 700-Head Swine Facility Using Recircu-	MINTURN, R. E. Hyperfiltration (Reverse Osmosis) of Kraft
W74-09468 7-18 5B	lated Water, W74-09682 7-18 5D	Pulp Mill and Bleach Plant Wastes,
	W74-09682 7-18 5D	W74-02285 7-05 5D
MILNE, P. H.	A Comparison of Three Systems for Transport	1177 02200
Fish and Shellfish Farming in Coastal Waters,	and Treatment of Swine Manure,	MIOTKE, F-D.
W74-13408 7-24 2L	W74-00416 7-01 5D	The Subsidence of the Surface Between
MILNE, R. A.	Description of Theorem Designation Contra	Mogotes in Pureto Rico East of Arecibo, W74-01912 7-04 2F
Effect of Feedlot Manure on Soil and Water	Demonstration of Three Recirculating Swine Waste Management Systems,	W74-01912 7-04 2F
Quality,	W74-10198 7-19 5D	MIRABAL, J.
W74-02157 7-05 5B	7-17 35	Suspended-Sediment Load of Texas Streams,
	An Evaluation of Three Hydraulic Manure	Compilation Report October 1965-September
MILONOVIC, B.	Transport Treatment Systems, Including a	1971,
Application of Geophysical Methods in the In-	Rotating Biological Contactor, Lagoons and	W74-11991 7-22 2J
vestigation of Mineral and Thermal Waters, W74-10645 7-20 4B	Surface Aerators, W74-09685 7-18 5D	MIRI-LAVASANI, J.
W /4-10043 /-20 4B	W74-09685 7-18 5D	Groundwater Investigation and Management in
MILOY, J.	Odors from Confined Livestock Production,	Iran,
Economic Development Study of the Texas	W74-10188 7-19 5B	W74-04569 7-09 7B
Coastal Zone,	A David Will Late to a Committee	MIDON
W74-09569 7-18 6B	A Rotating Flighted Cylinder to Separate	MIRON, I. The Response of Larvae of Perla Burmeisteri-
MII CTPAD C P	Manure Solids From Water, W74-10145 7-19 5D	ana Claassen (Plecoptera) to Variations in
MILSTEAD, C. E. Study of Hydrophilic Membranes for Oil-Water	W/4-10145 /-19 3D	Hydrostatic Pressure, (In French),
Separation,	Storage of Manure Solids by Forming Soil-	W74-13458 7-24 2H
W74-06360 7-12 5D	Manure Pellets,	
11110000	W74-09679 7-18 5D	MIRONE, M.
MILSTEN, D. E.	Water Quality Implications of Livestock	Radioactive Waste Management in Italy,
Arctic PassageLegal Heavy Weather,	Production.	W74-02014 7-04 5D
W74-09139 7-17 6E	W74-11609 7-22 6B	MIRONETS, N. V.
MIMURA, K.	***************************************	Hygienic Evaluation of Means of Enrichment
Determination of Fatty Acid Composition by	MINGELGRIN, U.	with Salts and Decontamination of Demineral-
Gas Chromatography: I. Analysis with Use of	Conversion of Some Organo-Phosphorus Insec-	ized Water, (In Russian),
Thermal Conductivity Detector,	ticides on Adsorbing Surfaces as Affected by	W74-07365 7-14 5F
W74-03311 7-07 2K	Formulation, W74-05435 7-11 5B	MIRONOVA, L. A.
***********		Effect of Effluents from Hydrolysis Plant on
MINAEV, V. A.	The Surface Catalyzed Hydrolysis of Parathion	the Survival of Typhoid Fever and Dysentery
Purification of Effluents by Means of Reverse Osmosis, (Ochistka stochnykh vod metodom	on Kaolinite,	Bacteria, (In Russian),
obratnogo osmosa),	W74-07628 7-15 5B	W74-07367 7-14 5C
W74-02258 7-05 5D	MINHAS, B. S.	MIRONOVA, N. YA.
	Toward the Structure of a Production Function	Littoral Vegetation Overgrowing in Some
MINAKAWA, K.	for Wheat Yields With Dated Inputs of Irriga-	Lakes of Kalinin District, (In Russina),
Method of Treating Oil-Containing Con-	tion Water,	W74-04646 7-09 2H

W74-03660

W74-00019

W74-00701

MINCAVAGE, D.

Information System,

MINARD, C. R. JR.

MINAKAWA, K.
Method of Treating Oil-Containing Contaminated Drainage,
7.07 5D

Quarternary Beaches and Coasts Between the

Michigan Water Resources Enforcement and

Russian River and Drakes Bay, California,

7-07 5D

7-01 2J

7-02 5G

tion Water, W74-10600

MINKIN, M. B.

W74-01636

MINKIN, YE. L.

Soil Moisture Contents,

Study of Soil Plasticity over a wide Range of

Consideration of the Character of Surface-

Groundwater Relationships and Streamflow in Estimates of Yields From Infiltration Galleries

(Uchet kharaktera svyazi podzemnykh vod s

7-03 2G

udobrenie dlya posevov ozimi pshenits' i kukuruz'), W74-02270 7-05 5D

Dry Activated Sludge as Fertilizer for Winter Wheat and Corn, (Sukhoi aktivnyı il kak

MIROTVORSKAYA, N. K.

MIROSHNICHENKO, L. S.

Storm Rainfall in the Black Sea Region as a Factor in Soil Erosion, W74-02607 7-05 2B

MIRSKY, A.

MIRSKY, A. The Geology of Water: The Limiting Factor in	MITCHEL, R. Inhibition of Bacterial Chemoreception by	retencjonwania podanych przes P.A.P. Moran i Z. Kaczmarka),
Urban Development, W74-07402 7-14 3D	Hydrocarbons, W74-08638 7-16 5C	W74-07747 7-15 4/
	MITCHELL D	MITROFANOV, A. M.
MIRTSKHULAVA, TS. E. Effect of Microbiological Processes on Percola-	MITCHELL, D. Trace Organic Contaminants in Drinking	Effect of Granulated DDT Used in Mosquit Control on Water Organisms, (In Russian),
tion of Water Through Soil.	Water; Their Concentration by Reverse Osmo-	W74-12154 7-23 50
W74-12853 7-24 2G	sis,	
	W74-10982 7-21 5F	MITSUYASU, H.
Prediction of the Start of Erosion in the Light of Principles of Reliability Theory, (In Rus-	MITCHELL, D. L.	Shock Pressure of Breaking Wave, W74-03684 7-07 81
sian),	Extruded Peat Cylinders: Their Physical	W /4-03084 /-0/ 81
W74-05347 7-10 2J	Characteristics as Affecting Tree Seedling	MITZNER, L.
MIDGAMPERON V	Growth and Greenhouse Drought Tolerance,	Population Studies of Bigmouth Buffalo i
MIRZAMBETOV, K. The Effect of Drought on the Cotton Water	W74-07180 7-14 2I	Coralville Reservoir with Special Reference t Commercial Harvest,
Regimen at Different Stages of its Develop-	MITCHELL, N. T.	W74-03036 7-06 8
ment, (In Russian),	Radioactivity in Surface and Coastal Waters of	
W74-03942 7-08 3F	the British Isles, 1971, W74-09875 7-19 5D	MIURA, K.
MISAKA, Y.	W 14-09613 1-19 3D	Clarification of NSC Waste Liquor by Activ Carbon, Etc., (In Japanese),
Process for Purifying Water that Contains Or-	MITCHELL, R.	W74-00785 7-02 51
ganic Matter,	Negative Chemotaxis of Marine Bacteria to	
W74-04716 7-09 5D	Toxic Chemicals, W74-00658 7-02 5C	MIURA, R.
MISHRA, B.	W 74-00638 7-02 3C	Analysis of Coprostanol, an Indicator of Fect Contamination,
Water Treatment Plant (1140 cu m/hr) for Su-	Phosphate Removal by Magnetic Filtration,	W74-11794 7-22 5
nabeda,	W74-08789 7-17 5D	
W74-13329 7-24 5D	Theoretical Effects of Artificial Destratifica-	MIX, T. W.
MISHRA, G. C.	tion on Algal Production in Impoundments,	Development of a Monitor for Recycle of
Studies on Seepage from Canals with Partial	W74-03296 7-07 5C	Waste Water, W74-10037 7-19 51
Lining,	MITCHELL, R. C.	7.17 3.
W74-02319 7-05 4A	U-Tube Aeration,	MIXON, F. O.
MISHRA, K. C.	W74-04046 7-08 5D	Flow Smoothing in Sanitary Sewers,
Retention and Release of Applied Molybdenum	MIRCHELL B M	W74-09471 7-18 51
to Soils Under Permanent Water-Logged Con-	MITCHELL, R. N. Hydrologic Data for Little Pond Creek and	The Removal of Toxic Metals from Water b
dition,	North Elm Creek, Brazos River Basin, Texas,	Reverse Osmosis,
W74-08209 7-16 2G	1972,	W74-01906 7-04 51
MISHRA, P. M.	W74-11733 7-22 2E	MIYAGAWA, H.
Biological Wastewater Treatment System	Public Response to Desalted Sea Water,	The Effects of the Wind Speed on the Water
Design. Part I. Optimal Synthesis,	W74-09171 7-17 6D	Absorption of the Cucumber (In Japanese),
W74-06407 7-12 5D	MANAGERY C. M.	W74-01983 7-04 3
MISHRA, P. N.	MITCHELL, S. T. A Miniature Gravity-Fed Thermocouple	MIYAKAWA, K.
Biological Wastewater Treatment System	Psychrometer,	Odonata of Sugadaira and Vicinity,
Design. Part II. Effects of Parameter Variations	W74-12747 7-23 7B	W74-02783 7-06
on Optimal Process System Structure and Design,	MITCHELL, V. L.	MIYAKE, T.
W74-06408 7-12 5D	Atmospheric Water Resources Management	Brine Concentration by Electrodialysis, Phas
	Program,	I,
MISRA, C.	W74-11229 7-21 3B	W74-08500 7-16 3.
Nitrogen Transformation in Soil During Leaching: II. Steady State Nitrification and	MITCHELL, W. B.	MIYAKE, Y.
Nitrate Reduction,	Inventory of Waste Water Production and	Content of Plutonium in River Water in Japan,
W74-07620 7-15 5B	Waste Water Reclamation Practices in Califor-	W74-08821 7-17 5
Nitrogen Transformations in Soil During	nia, 1970-1971,	Identification of Substances in Petroleum Cau
Leaching: I. Theoretical Considerations,	W74-09078 7-17 5D	ing Objectionable Odour in Fish,
W74-07619 7-15 5B	MITEREVA, V. G.	W74-06140 7-12 5.
	Dynamics of the Utilization of Organic Pollu-	
Nitrogen Transformations in Soil During Leaching: III. Nitrate Reduction in Soil	tants in Waste Water of the Olaine Chemical-	Thorium Isotope Content in River Water i Japan,
Columns,	Pharmaceutical Plant by the Heterotrophic Biocoenosis of Active Silt, (in Russian),	W74-08772 7-17 5
W74-07621 7-15 5B	W74-11184 7-21 5D	
MICDA C C		MIYAMA, T.
MISRA, S. G. Retention and Release of Applied Molybdenum	MITKOVA, V. V. Replacement of the Anthracite Sublayer in	The Chemical Form and Bodily Distribution of Mercury in Marine Fish.
to Soils Under Permanent Water-Logged Con-	Anion-Exchange Filters of Water Purification	W74-07551 7-14 5
dition,	Equipment (Zamena antratsitovogo podsloya v	
W74-08209 7-16 2G	anionitovykh fil'trakh vodoochistnykh	MIYAMOTO, S.
MISYUK, V. A.	ustanovok),	Land Disposal of Waste Gases: II. Gas Flo
Long-Term Characteristics of the Temperature	W74-08407 7-16 5D	from Buried Pipes, W74-04480 7-09 5
Regime of Lake Ladoga (Mnogoletniye kharak-	MITOSEK, H. T.	7-05

Optimization of Stochastic Storage Models Formulated by P.A.P. Moran, and Z. Kaczmarek (Optymalizaeja stochastycznych modeli Land Disposal of Waste Gases: III. Sorption Patterns From Buried Gas Injection Pipes, W74-07422 7-14 5B

ozera), W74-09106

teristiki temperaturnogo rezhima Ladozhskogo

7-17 2H

Land Disposal of Waste Gases: 1.	. Flow Analy-	Classification and Variation of So	ea Ice Ridging	Reference to the Occurrence of	Striated Tu-
sis of Gas Injection Systems, W74-04479	7-09 5E	in the Western Arctic Basin, W74-12991	7-24 2C	bules in the Chloroplast, W74-04881	7-10 5C
Nitric Oxide Sorption by Calcare	oue Saile: II	MODANI, N. K.		моетесн, н.	
Effect of Moisture on Capacity		The Impact of Water Pollution Competition and Pricing in the A		An Experimental Irradiation Fac Sterilization of Sewage Sludge,	ility for the
Sorption Products, W74-06894	7-13 5B	Industry,		W74-13442	7-24 5D
Penetrability and Hydraulic Co	anductivity of	W74-03752	7-08 5D	An Experimental Irradiation Fac	ility for the
Dilute Sulfuric Acid Solutions		MODDE, T. C.		Sterilization of Sewage Sludge	(Eine Ver-
Arizona Soils,	7.17. 20	Seasonal Changes in the Drift Macroinvertebrates in the Uncha		suchsbestrahlungsanlage Zur Hy Von Klaerschlamm),	ygienisierung
W74-08765	7-17 2G	souri River in South Dakota,	annenzea maio	W74-08198	7-16 5D
Salt Displacement into Drain	Tiles under	W74-11160	7-21 5C	MOFFATT, J. D.	
Ponded Leaching, W74-07518	7-14 2G	MODEL, F. S.		A Method for the High Temperatu	re Gas Chro-
W 74-07318	7-14 2G	Seawater Desalination with PBI	Hollow Fiber	matographic Analyses of Petroleum	n Residues,
MIYATA, M.		Reverse Osmosis Membranes,	717 24	W74-03579	7-07 5A
The Response of Narrow-Mouth		W74-08842	7-17 3A	MOGG, J. L.	
Waves,	odic Incident	MODLIN, R. F.		Corrosion and Incrustation - G	uidelines for
W74-03450	7-07 2L	A Contribution to the Ecology at of Aquatic Acari in the St. La		Water Wells, W74-00948	7-02 8G
MIYAZAKI, S.		Lakes,	wrence Great	W /4-00948	7-02 8G
Metabolism of Selected Pesticid	es by Marine	W74-03314	7-07 5C	Designing An Efficient Well Can B	
Microorganisms,	,	MOE, D. L.		W74-10104	7-19 8A
W74-06066	7-12 5C	Hydraulics of a Center Pivot Sys	tem,	Factors Affecting Design, Deve	lopment and
MIYAZAKI, T.		W74-06583	7-13 3F	Cost of Wells,	
Capacities of Shallow Waters of	f Sagami Bay	South Dakota Standards for Con	struction of Ir-	W74-12541	7-23 8B
for Oxidation and Reduction	of Inorganic	rigation Wells in Shallow Uncor		MOGHISSI, A. A.	
Nitrogen, W74-00047	7-01 5B	cial Sediments,		Determination of Submicrogram	
W 74-00047	7-01 3B	W74-07896	7-15 8A	Mercury by the Oxygen Bomb Method,	Combustion
MIZELL, S.		MOEHRL, K. E.		W74-11388	7-21 5A
Seasonal Variation in Heart Rate	e Response to	Well and Pump Corrosion,		Francisco of Mathelescone in	. Tomortial
Core Temperature Changes, W74-04244	7-08 5C	W74-10837	7-20 8G	Formation of Methylmercury in Environment,	a Terrestriai
	, 00 00	Well Grouting and Well Protection		W74-11393	7-21 5B
MIZRAKH, L. I.	Containing A	W74-04164	7-08 8F	Separation of Water From Biolog	nical and En
Organophosphorus Compounds P-N-Bond,	Containing A	MOELLER, G. H.		vironmental Samples for Tritium A	
W74-01792	7-04 5B	Toward A Better Understandi		W74-00053	7-01 5A
MIZUKAMI, Y.		tional Boating in the Adirondack W74-09083	7-17 6B	MOHAMED, B. F.	
Waste Water Treatments Includ	ing Ozonation		7-17 05	Burning as a Supporting Manage	ement in the
Process,		MOELLER, U. J.	ad Matalmonk	Control of Waterhyacinth in the S	udan. Part II.
W74-13306	7-24 5D	New Methods to Dispose of Us ing Emulsions, (Neue Ve		Backburning, W74-02919	7-06 4A
MOAYERI, M. S.		Beseitigung Gebraughter Metal		W 74-02515	7-00 4%
Flow in Open Channels With S	mooth Curved	Emulsionen),		Burning as a Supporting Treatm	
Boundaries,		W74-08247	7-16 5D	trolling Waterhyacinth in the Su Routine Burning,	udan. Part I.
W74-02312	7-05 8B	MOEN, D. L.		W74-02918	7-06 4A
MOBAREK, I. E.		Conceptual Design Study of a 2		MOHAMED EL CEDEU H	
Diffraction of Wind Generated W		lon Per Day VTE/MSF Desalina Prototype Module,	ation Plant and	MOHAMED EL-SEDFY, H. Fishery Survey Carried out at L.	ake Borullus
W74-03680	7-07 8B	W74-12207	7-23 3A	A. R. E., in the Spring of 1971, (In	
MOCHALKIN, L. S.		MOENCH A F		W74-04643	7-09 2H
Ameliorative Effect of Field		MOENCH, A. F. Analytical Solutions to the Or	ne-Dimensional	MOHANRAO, G. J.	
Under Conditions in the Urals, (I W74-08100	n Russian), 7-15 4A	Nonlinear Diffusion Equation		Aspects of Colour Removal fro	om Pulp and
W 74-08100	7-13 4A	Through Porous Media,	7.01 OF	Paper Mill Effluents,	7.00 47
MOCHEK, A. D.		W74-00365	7-01 2F	W74-04514	7-09 5D
Effect of Illumination and Wate on Critical Flow Rates for Fish. (MOERGELI, B.		Aspects of Water Pollution in Fe	rtiliser Indus-
W74-06250	7-12 2I	Possibilities of Using Chemical- cation Process for Wa	Physical Purifi- aste Waters	try, W74-08791	7-17 5C
		(Einsatzmoeglichkeiten chemisch			
MOCHIDA, E. A High-Speed Liquid Chromate	ograph with a	Reinigungsverfahren bei Restaby	vaessern),	Characteristics of Pulp and Paper	Mill Wastes
Flow-Spectrofluorimetric Detect		W74-11099	7-21 5D	and ISI Standards, W74-04530	7-09 5B
tramicro-Determination of Ar		MOESE, J. R.			
pounds, W74-02397	7.05 54	Environmental Protection-Attem	pt at a Critical	Low Cost Methods for Treating P	ulp and Paper
114-02371	7-05 5A	Observation, (In German), W74-13357	7-24 5G	Mill Effluents, W74-04531	7-09 5D
MOCK, S. J.					

Classification and Variation of Sea Ice Ridging in the Arctic Basin,

W74-05165

W1000

MOHANTY, S. K.
Discharge Relations for Submerged Weirs,
W74-09481 7-18

MOHIUDDIN KHAN, S. K.

MOHIUDDIN KHAN, S. K. New Frontiers in Drainage and Reclamation	Splash Correction Factors for Soil Erosion Stu- dies,	MOLOF, A. Treatment of Waste Water,
Engineering in the Indus Plains, W74-00221 7-01 10A	W74-10210 7-19 2J	W74-10283 7-19 5E
MOHLER, E. F. JR.	MOLENAAR, D. Water Resources of the Skokomish Indian	MOLOF, A. H. Wastewater Treatment,
Sun Oil Develops Water Reuse Program, W74-07882 7-15 5D	Reservation, Washington, W74-02623 7-05 2G	W74-08034 7-15 5D
	MOLIN, N.	MOLVAR, A. E. Selected Abstracts for Instrumentation and Au-
MOHR, A. W. Development and Future of Dredging, W74-08893 7-17 5G	Biodegradation of Nitrilotriacetate (NTA) By Bacteria-I. Isolation of Bacteria Able to Grow Anaerobically with NTA as a Sole Carbon	tomation of Wastewater Facilities, W74-10038 7-19 5E
MOHR, C. H.	Source,	MOLZ, F. J.
Down-Hole Motors for Improved Drilling,	W74-00644 7-02 5A	On the Mechanism of Water-Stress-Induced Stem Deformation,
W74-07880 7-15 8C	Biodegradation of Nitrilotriacetate (NTA) By	W74-10796 7-20 3F
MOHSEN, A. F. Effect of Different Carbon Sources on Growth, Reproduction, Amino Acid Synthesis, Fot and	Bacteria-II. Cultivation of an NTA-Degrading Bacterium in Anaerobic Medium, W74-00645 7-02 5B	Practical Simulation Models of the Subsurface Hydrologic System with Example Applications
Reproduction, Amino Acid Synthesis, Fat and Sugar Contents in Ulva Fasciata Delile, W74-04098 7-08 5C	MOLINA, B. R. Chemical Studies in Mexican Geothermal	W74-04973 7-10 2F Simulation of Post-Irrigation Moisture Move
Effect of Different Salinities on Growth,	Fields,	ment,
Reproduction, Amino Acid Synthesis, Fat and	W74-09019 7-17 2K	W74-06335 7-12 20
Sugar Content in Ulva Fasciata Delile, W74-04097 7-08 5C	MOLINE, R. T. The Citizen and Water Management: An Atlas	MONAHAN, T. J. Lead Inhibition of Hormotila blennists
Effect of Temperature Variations on Growth, Reproduction, Amino Acid Synthesis, Fat and	of Water Attitudes in Southern Minnesota, W74-08288 7-16 6B	(Chlorophyceae, Chlorococcales), W74-06761 7-13 50
Sugar Content in Ulva Fasciata Delile Plants, W74-05499 7-11 5C	MOLINE, W. J. Response of Subirrigated Hay Meadows to the	MONASTERIO, M. Ecological Survey of the Venezuelan Western
MOILANEN, K. W.	Application of Nitrogen, Phosphorus, and Sul- fur,	Llanos: I. The Regional Ecological Units, (In Spanish),
Photodecomposition of Chlorinated Biphenyls and Dibenzofurans,	W74-08802 7-17 3F	W74-13355 7-24 60
W74-06125 7-12 5B	MOLLO-CHRISTENSEN, E. L.	Ecological Survey of the Venezuelan Western
MOISEYENKO, U. I.	Wind Tunnel Measurements of the Wind Disturbance Field of a Model of the Buzzards	Llanos: III. The Southern Part of the Barina State, (In Spanish),
Electric and Thermal Properties of Rocks, W74-07906 7-15 8E	Bay Entrance Light Tower, W74-04207 7-08 2L	W74-13500 7-24 4/
MOKIYEVSKIY, O. B.		Ecological Survey of the Venezuelan Wester
Littoral Fauna Along the NW Coast of the Sea	MOLNAR, G. J. Data Acquisition and Storage for Research	Llanos: IV. The Western Part of Apure State (In Spanish),
of Japan, W74-02691 7-06 2L	Watersheds,	W74-13499 7-24 4/
	W74-01295 7-03 7C	MONCRIEF, L. W.
MOLCHANOVA, I. V. Entry of Chemical Elements-Analogues	MOLNAR, K. Studies on Gill Parasitosis of the Grasscarp	Capacity of Water-Based Recreation System Part I: The State of the Art - A Literatur
(Strontium-90-Calcium and Cesium-137-Potassi- um) into Plants in Relation to Soil Moisture, (In	(Ctenopharyngodon-Idella) Caused by Dactylogyrus Lamellatus Achmerov, 1952: IV.	Review, W74-07719 7-15 6
Russian), W74-01783 7-04 2I	Histological Changes, W74-12740 7-23 5C	Capacity of Water-Based Recreation System PART II: A Systems Approach to Capacit
MOLCHO, M.	MOLNAU, M.	Analysis,
Mineral Springs in the Suez Rift ValleyCom- parison with Waters in the Jordan Rift Valley	Atrazine, Propachlor, and Diazinon Residues on Small Agricultural Watersheds,	W74-12364 7-23 6
and Postulation of a Marine Origin, W74-07167 7-14 2K	W74-05295 7-10 5B	The Demand for and Value of the Spot Fishery on the Au Sable, Jordan, and Re
Mineral Springs in the Suez Rift Valley - Com-	Evapotranspiration on a Palouse Watershed, W74-07087 7-14 2D	Cedar Rivers, W74-02204 7-05 6
parison With Waters in the Jordan Rift Valley	Simulation Model for Evaluation of Intercep-	Economic Evaluation of the Sport Fishery of
and Postulation of a Marine Origin, W74-07444 7-14 2K	Snow Interception on Conifers and Part II.	the Au Sable River, Michigan, W74-02203 7-05 6
MOLDAU, H.	Laboratory Modeling of Snow Interception on Trees,	User Related Study of Three Michigan Rivers,
Effects of Various Water Regimes on Stomatal and Mesophyll Conductances of Bean Leaves,	W74-02656 7-06 2I	W74-02202 7-05 6
W74-09247 7-17 3F	The Water Cycle on a Watershed in the Palouse Region of Idaho,	MONCUR, J. E. T. Some Evidence of Economics of Scale i
MOLDAU, KH. A. Effect of Water Deficiency and Light Regime	W74-03739 7-07 4A	Hawaiian Sugar Plantation,
on Photosynthetic Activity of Leaves, (In Rus-	MOLNIA, B. F.	W74-12344 7-23 3
sian), W74-06246 7-12 2I	A Rapid and Accurate Method for the Analysis	MONDOUX, R. G. Thickening and Dewatering Sludges Produce
	of Calcium Carbonate in Small Samples, W74-10366 7-20 2J	in Phosphate Removal,
MOLDENHAUER, W. C. Effect of Varying the On-Off Time of Rainfall Simulator Nozzles on Surface Sealing and In-	MOLODOVSKII, A. V. Seasonal Variations in the Diet of Anatidae in	W74-08860 7-17 5
take Rate,	the Gorki Water Storage Basin, (In Russian),	Conversion of Sven-Pedersen Flotation Uni
W74-06903 7-13 2J	W74-13354 7-24 2H	into a Horizontal Scraper Conveyor-Sediment

7-22 4A

Channel-Geometry Measurements,

Determining Formation Water Resistivity from

W74-11742

MOORE, E. J.

W74-04145

Chemical Analysis.

7-21 5D

7-02 5D

tion Unit at the Miziya Pulp and Paper Mill	Kra Canal Project: A Preliminary Assessment	MOOK, P. H. AND
(Nyakoi tekhnicheski soobrazheniya po preus-	of Nuclear Excavation Feasibility for Route	Screening Aerator Concentrator,
troivaneto na flotatsionnite kletki 'Sven Peder-	5A, W74-13119 7-24 8H	W74-04712 7-09 5D
sen' v K.Ts.Kh. (Kombinat Tseluloza i Khar- tiya) Miziya za rabota kato khorizontalni	W/4-13117	MOOLANI, M. K.
skrebkovi utaiteli),	MONTASER, A.	Dry Land Research in Northwest India. I: Ef-
W74-11073 7-21 5D	Graphite Braid Atomizer for Atomic Absorp-	fect of Variable Pre-Planting Tillage on Soil
17.11073	tion and Atomic Fluorescence Spectrometry,	Moisture, Growth, and Yield of Pearl Millet
MONGILLO, A.	W74-11912 7-22 5A	(Pennisetum typhoides, S. and H),
Lipopolysaccharide from a Gram-Negative	MONTGOMERIE, J. Z.	W74-04128 7-08 3F
Marine Bacterium,	Defects in Prodigiosin Formation by L-Forms	MOOMAU, H. F.
W74-04896 7-10 5A	of Serratia Marcescens,	Feasibility Study of a New Surface Mining
MONIN, A. S.	W74-06099 7-12 5A	Method 'Longwall Stripping,'
Temperature and Salinity Statistics of Surface		W74-09060 7-17 5G
Waters of the Atlantic Ocean (Statistika tem-	Fatty Acid Composition of L-Forms of Streptococcus Faecalis Cultured at Different	
peratury i solenosti poverkhnosti Atlantiki),	Osmolalities.	MOON, C. E.
W74-09650 7-18 2K	W74-00622 7-02 5A	Delayed Recovery of a Mesotrophic Lake
	702 311	After Nutrient Diversion,
Vertical Meso- and Microstructure of Ocean	MONTGOMERY, D. G.	W74-03560 7-07 5C
Currents (O vertikal'noy mezo- i mikrostruk- ture okeanicheskikh techeniy),	University Students Implement Public Policy	Enriching Effects of Urban Runoff on the
W74-10260 7-19 2E	Rural Community Action with a Water	Productivity of a Mesotrophic Lake,
W/4-10200 /-19 2E	Development Project,	W74-06080 7-12 5C
MONIQUET, J. C.	W74-09557 7-18 5G	***************************************
Biomass, Productivity and Phytogeochemistry	MONTGOMERY, H. A. C.	MOON, C. E. AND
of the Vegetation of the Banks of an Ardenne	The Design of Sampling Programmes for Rivers	Nutrient Income Change Related to Plankton
Stream (Gembes Brook, at Daverdisse,	and Effluents,	Algae,
Ardenne, Luxembourg): III. Survey on the	W74-10576 7-20 7A	W74-04318 7-09 5C
Biomass and Productivity of the Woody	MONTGOMERY B I	MOONEY, T. F. JR.
Stratum of an Island of the Mache Valley),	MONTGOMERY, R. L. Investigation of Relief Wells, Mississippi River	Trace Metals in Asbestos Carcinogenesis,
W74-12617 7-23 2I	Levees, Alton to Gale, Illinois,	W74-12488 7-23 5A
MONKE, E. J.	W74-01942 7-04 4B	
Experimental Evaluation of a Method for	707 12	MOONEYHAN, D. W.
Determining Unsaturated Hydraulic Conduc-	MONTGOMERY, W. D.	Land Use and Mapping,
tivity,	Resource Allocation, Information Cost and the	W74-01165 7-03 4A
W74-07088 7-14 2G	Form of Government Intervention,	MOORE, A. R.
Simulation of the Wadeslaw of Hannad	W74-03485 7-07 5G	Domestic Service Meters.
Simulation of the Hydrology of Ungaged Watersheds,	MONTHOUX, O.	W74-05015 7-10 5F
W74-05403 7-11 2A	Climatic Data of the High Altitude Meteorolog-	
W14-05405	ical Stations of the Geneva Region For 1970,	MOORE, B. D.
MONKMAN, J. L.	(In French),	Virus Removal by Diatomaceous-Earth Filtra-
The Determination of Mercury in Air Samples	W74-06532 7-13 7C	tion - Part 1,
and Biological Materials,	MONTI, R. P.	W74-08215 7-16 5F
W74-07710 7-15 5A	Wastewater System Alternates: What Are	MOORE, C. J.
MONKMEYER, P. L.	Theyand What Cost,	A Sport Fishing Survey in the Vicinity of a
Dispersion of Substances from Well Recharge	W74-09718 7-18 5D	Steam Electric Station on the Patuxent Estua-
Operations in an Anisotropic, Homogeneous		ry, Maryland,
Confined Aquifer,	Wastewater System Alternates: What are	W74-13472 7-24 2L
W74-02454 7-05 2F	Theyand What Cost,	
	W74-10290 7-19 5D	MOORE, C. V.
Water Quality Improvement of Stratified Im-	Wastewater System Alternates: What Are	Effects of Colorado River Water Quality and
poundments by Selective Withdrawal of Bot-	Theyand What Cost,	Supply on Irrigated Agriculture, W74-08014 7-15 3C
tom Waters,	W74-13071 7-24 5D	W /4-08014 /-15 3C
W74-12370 7-23 5G	Wasternates Custom Alternation Wiles	On the Necessary and Sufficient Conditions for
MONNIER, D.	Wastewater System Alternates: What Are	a Long-Term Irrigated Agriculture,
Phosphorimetric Determination of Traces of	Theyand What Cost, W74-13072 7-24 5D	W74-05663 7-11 5B
Boron,	W/4-130/2 /-24 3D	
W74-06755 7-13 5A	MONTOUR, M.	A Simulation Approach to Recreation Planning
MONDO I C	Cancellation of Spectrophotometer System	(A Case of Changing Quality), W74-06996 7-13 6B
MONRO, J. C. National Weather Service River Forecasting	Characteristics Using an Analog Computer,	1-13 6B
System,	W74-06874 7-13 2K	MOORE, D. J.
W74-08057 7-15 4A	MONTROSE, C. J.	Water Temperature Surveys in the Vicinity of
7-13 41	Depolarized Rayleigh Scattering and Hydrogen	Power Stations with Special Reference to Infra-
MONROY, J. F.	Bonding in Liquid Water,	Red Techniques,
Water Pollution in the Netherlands,	W74-12922 7-24 1A	W74-00076 7-01 5A
W74-04536 7-09 5B	MONZIE, P.	MOORE, D. O.
MONTALVO, J. G. JR.	Treatment of Alkali Extraction Effluents by	Estimating Flood Discharges in Nevada Using
	VI TIME DATECTOR LITTLES OF	

Ultrafiltration (Traitement des effluents de

sodation par ultrafiltration),

Sewage Disposal Effluent Purifier, W74-00962

W74-11114

An Ammonium Ion-Specific Electrode, W74-00636

MONTAN, D.

7-02 2K

Cost and Feasibility of Stimulating Tight Gas
Reservoirs with Chemical Explosives,
W74-11663

7-22
8H

MOODY, D. L.
Sewage Dispo
W74-00962

MOORE, F. K.

MOORE, F. K. A Prediction of Changes in the Thermal Cycle	MOORE, K. A. Function of Marshes in Reducing Eutrophica-	MORAG, M. Metabolic Effects of Drinking Brackish Water,
of a Stratified Lake Used to Cool a 1000 MW	tion of Estuaries of the Middle Atlantic Region,	W74-01632 7-03 5C
Power Plant, W74-07998 7-15 5C	W74-07336 7-14 5C	MORAHAN, E. T.
W74-07998 7-15 5C	MOORE, L. J.	Hawaii's System of Water Rights: An
MOORE, F. L.	Determination of Lead, Uranium, Thorium,	Economic Evaluation,
Recovery of Toxic Metals from Industrial Ef- fluent Solutions by Solvent Extraction,	and Thallium in Silicate Glass Standard Materials by Isotope Dilution Mass Spectrometry,	W74-01785 7-04 6E
W74-12033 7-23 5D	W74-11385 7-21 5A	MORAIN, S. A.
		Identification of Winter Wheat from ERTS-1
Removal of Mercury and Other Toxic Metals	MOORE, P. L.	Imagery,
from Plant Effluent Solutions by Solvent Ex-	Annulus-Loss Estimates Can be More Precise,	W74-01665 7-04 3F
traction,	W74-12534 7-23 8C	
W74-12917 7-24 5D		MORALES-ALAMO, R.
MOORE, G. E.	MOORE, R. E.	Biodeposition as a Factor in Sedimentation of
Hyperfiltration (Reverse Osmosis) of Kraft	Dose Estimations for the Hypothetical Use of	Fine Suspended Solids in Estuaries,
Pulp Mill and Bleach Plant Wastes,	Nuclearly Stimulated Natural Gas in the	W74-07231 7-14 2L
W74-02285 7-05 5D	Cherokee Steam Electric Station, Denver, Colorado.	MORAN, D. D.
	W74-04177 7-08 5B	Digital Measurements of River Bed Profiles
MOORE, G. R.	W/4-041// /-08 3B	Using a General-Purpose Data Acquisition
Decision Making Under Uncertainty:	MOORE, R. T.	System,
Economic Evaluation of Streamflow Forecasts,	Transpiration of Atriplex confertifolia and Eu-	W74-11538 7-22 7B
W74-13044 7-24 4A	rotia lanata in Relation to Soil, Plant and At-	W /4-11336 /-22 /B
MOORE, H. B.	mospheric Moisture Stresses,	MORAVEC, F.
Long-Term Changes in the Settlement of Bar-	W74-01990 7-04 2D	On the Problem of Host Specificity, Reservoir
nacles in the Miami Area,		Parasitism and Secondary Invasions of Camal-
W74-12248 7-23 5C	MOORE, R. V.	lanus lacustris (Nematoda:Camallanidae), (In
11712242	Comparison of Germanium Detectors for	Czech),
MOORE, J. A.	Neutron Activation Analysis for Mercury,	W74-05359 7-10 5C
Settling Solids in Animal Waste Slurries,	W74-12220 7-23 5A	
W74-10148 7-19 5D		Studies on the Development of the Nematode
	MOORE, S. F.	Rhabdochona (Filochona) ergensi Moravec,
MOORE, J. C.	A Preliminary Assessment of The Environmen-	1968,
Resource Allocation in a Non-Convex Econo-	tal Vulnerability of Machias Bay, Maine to Oil	W74-08684 7-16 2I
my, W74-01829 7-04 6B	Supertankers, W74-10656 7-20 5C	
W74-01829 7-04 6B	W74-10656 7-20 5C	MORDVINTSEV, G. M.
MOORE, J. D.	A Simulation Approach to Recreation Planning	Field Shelterbelt Afforestation and Greenery
Environmental Monitoring. Annual Report,	(A Case of Changing Quality),	Planting,
1972, (Atomics International),	W74-06996 7-13 6B	W74-03883 7-08 3F
W74-05177 7-10 5B		MOREALE, A.
	MOORE, T. C. JR.	Adsorption of Fenuron and Monuron
MOORE, J. E.	Biogenic sediments of the Panama Basin,	(Substituted Ureas) by Two Montmorillonite
Novel Method of Raman Data Acquisition,	W74-01878 7-04 2J	Clays,
W74-01330 7-03 2K		W74-07627 7-15 5B
MOORE, J. G.	Mineralogy of Surface Sediments from the	
Development of a Decision Room for En-	Panama Basin, Eastern Equatorial Pacific,	MOREAU, D. H.
vironntal Studies, (Feasibility Study),	W74-08298 7-16 2J	Optimal Control of Multiunit Interbasin Water
W74-07371 7-14 6G	MOORE, W. H.	Resource Systems,
	A Simple Portable Field Nephelometer,	W74-10603 7-20 4A
MOORE, J. L.	W74-01247 7-03 7B	MORRING O
Decision Making Under Uncertainty:	7-05 75	MOREAU, G.
Economic Evaluation of Streamflow Forecasts,	MOORE, W. JR.	Influence of Ecological Factors on the Condi-
W74-13044 7-24 4A	Comparison of Cadmium 115M Retention in	tion Coefficient of a Teleostean Fish (Cottus
MOORE, J. R.	Rats Following Different Routes of Administra-	Gobio L.) (Influence Des Facteurs Ecologiques
The Distribution of Trace Metals in the Surfi-	tion,	Sur Le Coefficient De Condition D'un
cial Sediments Surrounding Keweenaw Point,	W74-12505 7-23 5B	Teleosteen (Cottus Gobio L.),
Upper Michigan,		W74-13099 7-24 5C
W74-11391 7-21 5B	Gastrointestinal Absorption of Different Com-	MOREAU, J.
	pounds of 115m Cadmium and the Effect of Different Concentrations in the Rat.	Comparative Biology of Tilapia rendalli
Investigation of the Sediments and Potential		(Boulenger) (Pisces cichlidae) in Lake Itasy and
Manganese Nodule Resources of Green Bay,	W74-09778 7-18 5C	Lake Mantasoa, (In French),
Wisconsin,	MOORE, W. L.	W74-02344 7-05 2H
W74-07652 7-15 2J	Offset Breakwater Configuration,	1.03 211
Sedimentation and Scaus Off Musless Barres	W74-11058 7-21 8B	MOREAU, J. O.
Sedimentation and Scour Off Nuclear Power		Bailey Oil Content Monitor,
Plants, W74-02645 7-05 2J	MOORHEAD, E. D.	W74-12066 7-23 5A
7-03 23	Experimental Study of the Phase-Selective	
Underwater Copper Exploration in Lake Su-	Anodic Stripping Analysis of Micromolar Cad-	MOREAU, R.
perior Prospects Mapped in 1971,	mium(II) at the Micrometer Hanging Mercury	A Diseased Trout: Microbiological Study of Its
W74-11392 7-21 5B	Drop Electrode in 0.1 m Potassium Chloride,	Principal Organs and Its Environment,
	W74-02415 7-05 2K	W74-01267 7-03 5C

MOREL-SEYTOUX, H. J.
A Multiphase Model for Infiltration (Modele d'
Infiltration Polyphasique),
W74-05911 7-11 2G

7-05 2K

The Amino Acid and Sugar Composition of Diatom Cell-Walls, W74-00240 7-01 5C

MOORE, J. W.

W74-05915

Food of Larval Sea Lamprey (Petromyzon marinus) and American Brook Lamprey (Lampetra lamottei),

MOPPER, K.
The Amino Diatom Cell

7-11 2I

A New Analytical Treatment for the Infiltration	MORGAN, N. C.	Waste Water Treatments Including Ozonation
Problem.	Problems of the Conservation of Freshwater	Process,
W74-12827 7-24 2G	Ecosystems,	W74-13306 7-24 5D
Systematic Design of Legal Regulations for Op-	W74-05057 7-10 5C	MORIN, D. P.
timal Surface-Groundwater UsagePhase 1,	MORGAN, N. O.	Coxsackievirus B Epidemic at a Boys' Summer
W74-04853 7-10 4B	Coumaphos as a Feed Additive for the Control	Camp: Isolation of Virus from Swimming
	of House Fly Larvae in Cow Manure,	Water,
Two-Phase Flows in Porous Media, W74-08303 7-16 2F	W74-00411 7-01 5D	W74-12698 7-23 5A
W /4-08303 /-16 2F	MORGAN, V. G.	MODIN C
MORENO, C.	Erosion of Azinphosmethyl from Apple Leaves	MORIN, G. Determination of the Confidence Intervals of
Food Niche of Graus Nigra Philippi	by Rain and Overtree Irrigation,	the Pearson III Law Using Order Statistics
(Osteichthyes, Labridae),	W74-01992 7-04 5B	(Determination des intervalles de confiance de
W74-08526 7-16 21	MORGAN, W. D.	la loi Pearson III par les statistiques d'ordre),
MORETTI, P. M.	Efficiency and Equity in Augmenting Water	W74-06906 7-13 2E
Distribution and Mixing of Inflow into	Supply,	MORIN, G. C. A.
Stratified Lakes: A Hydraulic Model Study,	W74-09051 7-17 6B	A Way to Make the Desert Green,
(Phase I), W74-06618 7-13 2H	A General Procedure for Consumption-Density	W74-02346 7-05 3B
W/4-00016 /-13 ZH	Studies,	
MORETTI, R. L.	W74-04040 7-08 6D	MORIN, M.
Sterile Culture Techniques for Species of the	**************************************	Study of Chelated Mixtures of Ferric lons with
Rotifer Asplanchna,	MORGAN, W. L. Measurements Program for Oil-Slick Charac-	Nitrilotriacetic, Sulfo-5-Salicylic and Pyrocatechol-3,5-Disulfonic Acids, (In French),
W74-03316 7-07 5A	teristicsFinal Report,	W74-01440 7-03 5A
MOREY, E. F.	W74-01941 7-04 5B	7-03 31
High Rate Filtration Media Concepts,		MORIN, O. J.
W74-10014 7-19 5F	MORGAN, W. S. G. A Method to Monitor the Effects of Toxicants	Commercial Desalting Plant Data and Analysis,
MOREY, G. B.	Upon Breathing Rate of Largemouth Bass	Volumes I-VI,
Subsurface Geologic Information System in	(Micropterus salmoides Lacepede),	W74-08061 7-15 3A
Minnesota: A Status Report,	W74-12522 7-23 5C	MORIN, T. L.
W74-00575 7-02 7C	MORGELL B	Pathology of a Dynamic Programing Sequenc-
MOREY, R. V. AND	MORGELI, B. Process of Physical-Chemical Purification for	ing Algorithm,
A Simulation Model for Evaluating Irrigation	Waste Waters from Paper and Board Mills	W74-00671 7-02 6A
Management Practices,	(Procede de nettoyage chimico-physique pour	A Useful Theorem in the Dynamic Pro-
W74-04564 7-09 3F	les restes d'eaux usees des fabriques de papier	gramming Solution of Sequencing and Schedul-
MODGAN G I	et carton),	ing Problems Occurring in Capital Expenditure
MORGAN, C. L. Investigation of the Sediments and Potential	W74-08410 7-16 5D	Planning,
Manganese Nodule Resources of Green Bay,	MORGENSTERN, J. P.	W74-05935 7-11 6B
Wisconsin,	Application of ERTS-1 Data to Analysis of	MORISAWA, S.
W74-07652 7-15 2J	Agricultural Crops and Forests in Michigan,	On the Selection of a Ground Disposal Site by
MORGAN, C. W. AND	W74-01684 7-04 3F	Sensitivity Analysis,
Statistical Analysis of Hydrograph Charac-	MORGENSTERN, N. R.	W74-06858 7-13 5B
teristics for Small Urban Watersheds,	Physics, Chemistry, and Mechanics of Frozen	
W74-04459 7-09 2A	Ground: A Review,	MORISON, I. G.
MORGANIAM	W74-04373 7-09 2C	Ecosystem Modeling of a Forested River
MORGAN, J. M. Filtrability of Water-Treatment-Plant Sludge,	Practical Extensions to a Theory of Consolida-	Basin, W74-12294 7-23 2A
W74-00387 7-01 5F	tion for Thawing Soils,	7-23 21
	W74-04384 7-09 2C	MORITA, R. Y.
'Normal' Lead and Cadium Content of the	MODI I	Applicability of the Reverse-Flow Filter
Human Kidney, W74-12517 7-23 5C	MORI, I. Distribution of Bottom Fishes in Relation to	Technique to Marine Microbial Studies, W74-02971 7-06 5A
1-23 30	Oxygen Contents in the Bottom Water or	W74-02971 7-06 5A
Study of Water Quality Prediction Models for	Omura Bay, (In Japanese),	Heterotrophic Potential for Amino Acid Up-
Use in Alabama,	W74-13086 7-24 5C	take in a Naturally Eutrophic Lake,
W74-10237 7-19 5B	MORI, K.	W74-08678 7-16 5C
MORGAN, K. C.	Reverse Osmosis Process and its Application,	MORLEY, C. G.
Bacterial Dynamics in Two High-Arctic Lakes,	(In Japanese),	Legal Developments in Canadian Water
W74-05458 7-11 5C	W74-07750 7-15 5D	Management,
MORGAN, K. R.	MORI, T.	W74-02505 7-05 6E
Minimizing Water and Sewer System Costs	Investigation of the Energetics of Methane-	MORIEW E
Using Topaz,	Utilizing Bacteria in Methane- and Oxygen-	MORLEY, F. Michigan Water Resources Enforcement and
W74-09658 7-18 6A	Limited Chemostat Cultures,	Michigan Water Resources Enforcement and Information System.
MODCAN K 7	W74-03601 7-07 5A	W74-00701 7-02 5G
MORGAN, K. Z. Applied Health Physics and Safety Annual Re-	MORI, Y.	
port 1971,	Recent Plans of Geothermal Exploitation,	MOROSHKIN, K. V.
W74-11669 7-22 5B	W74-08991 7-17 2F	Dynamic Structure of the Region of the An-
		tilles-Guyana Countercurrent (Dinamicheskaya

MORIKAWA, M.
Deodorization with Ozone,

W74-13413

7-24 5D

MORGAN, M. E.
The States Enter the Rural Water Picture,
W74-10106 7-19 6E

struktura rayona Antilo-Gvianskogo protivotecheniya).
W74-09938 7-19 2E

MOROZOV, B. F.		
MOROZOV, B. F.	MORRISON, J. L.	MORTKO, H. J.
Physiological Characteristics of Trees and Shrubs Cultivated in the Southern Steppes of	Development of a Prototype Search and Retrieval Network for Water Resource Infor-	Spinning Dropping Mercury Electrode-A Prac- tical Analytical Tool.
the Ukraine, (In Russian), W74-11177 7-21 2D	mation and User Evaluation Survey, W74-10412 7-20 10B	W74-00634 7-02 2K
	7-20 103	MORTOJUDO, J. W.
MORRICE, H. A. W. Planning for the Ultimate Hydraulic Develop-	Development of a Prototype Search and Retrival Network for Water Resource Informa-	The Presence of Clostridium botulinum in In- donesian Waters,
ment of the Nile Valley, W74-04997 7-10 4A	tion, W74-02821 7-06 10B	W74-02986 7-06 5A
	W 74-02021 7-00 10B	MORTOLA, G.
MORRIS, A. W.	MORRISON, J. M.	An Interesting Method of Abating Pollution in
Ultra-Violet Absorption Characteristics of Natural Waters,	Apparatus Particularly Useful for Chlorinating	the Pulp and Paper Industry,
W74-07419 7-14 2K	a Reservoir, W74-02027 7-04 5F	W74-12431 7-23 5D
MODELS D. C.	W/4-0202/ /-04 3F	MORTON, R. A.
MORRIS, D. C. Effects of Waste Water Recycle in a Paper-	MORRISON, R. B.	Sediment Distribution and Evolution of Tidal
board Mill,	Application of ERTS-1 Multispectral Imagery	Deltas Along a Tide-Dominated Shoreline,
W74-05254 7-10 5D	to Monitoring the Present Episode of Ac- celerated Erosion in Southern Arizona,	Wachapreague, Virginia, W74-09099 7-17 2L
Process Water Reuse and Upset Control	W74-01696 7-04 2J	MORTON, R. B.
Modifications at an Integrated NSSC Mill, W74-02283 7-05 5D	Assessment of Flood Damage in Arizona by	Reconnaissance of the Water Resources of
MORRIS E E IR	Means of ERTS-1 Imagery,	Beaver County, Oklahoma, W74-00534 7-01 7C
MORRIS, E. E. JR. The Importance of Drinking-Water Programs to	W74-02592 7-05 7B	W 74-00334 7-01 7C
the Total Environmental Goal,	Mapping Quaternary Landforms and Deposits	MORTON, R. W.
W74-13266 7-24 5G	in the Midwest and Great Plains by Means of	Spatial and Temporal Distribution of
MORRIS, E. O.	ERTS-1 Multispectral Imagery, W74-01702 7-04 7C	Suspended Sediment in Narragansett Bay and Rhode Island Sound.
Psychrophilic Yeasts Isolated From Marine	W/4-01/02	W74-07232 7-14 2L
Fish,	MORRISON, R. D.	
W74-07563 7-14 5A	Chemical Addition to Trickling Filter Plants,	MORTON, S. A.
MORRIS, J.	W74-09710 7-18 5D	Psychrometric Data Patterns and Prediction Models.
Pollution of a Storage Reservoir by Roosting	MORRISON, S. M.	W74-02220 7-05 2B
Gulls,	Lime Disinfection of Sewage Bacteria at Low	
W74-13316 7-24 5D	Temperature.	MORTON, W. H. Thermal and Mineral Springs in Uganda,
MORRIS, J. G.	W74-04548 7-09 5D	W74-08978 7-17 2F
Laundry Detergents and Environmental Quali-	Lime Disinfection of Sewage Bacteria at Low	111 21
ty, W74-07122 7-14 5C	Temperature,	MOSCATI, A. F.
	W74-10183 7-19 5D	Possible Effects of Ionizing Radiation Upon Marine Life and Some Implications of Postu-
MORRIS, O. P. Effect of Chelation on Toxicity of Copper,	MORRISON, S. R.	lated Accidental Releases of Radioactivity,
W74-06048 7-12 5C	Sprinkling Cattle for Relief from Heat Stress,	W74-09871 7-19 5C
	W74-00421 7-01 3F	MOCCHANDRAG D I
MORRIS, R. J. Concentrations of Some Trace Metals in	MORROW, J. E.	MOSCHANDREAS, D. J. A Two-Dimensional Warm Fog Modification
Pelagic Organisms and of Mercury in Northeast	Effects of Crude Oil and Some of its Com-	Model,
Atlantic Ocean Water,	ponents on Young Coho and Sockeye Salmon,	W74-10359 7-20 2B
W74-01523 7-03 5C	W74-07613 7-15 5C	MOSCHLER, W. W.
MORRIS, R. L.	Oil-Induced Mortalities in Juvenile Coho and	Comparative Yield and Fertilizer Efficiency of
Chlorinated Insecticide Residues in the Eggs of	Sockeye Salmon,	No-Tillage and Conventionally Tilled Corn,
Some Freshwater Fish,	W74-03876 7-08 5C	W74-10335 7-19 3F
W74-11323 7-21 5C	MORSE, A. L.	MOSER, H.
MORRIS, T. R.	Powers of the State of Kentucky in Implement-	Deuterium and Oxygen-18 Measurements on
Radar Studies of Urban Precipitation Anomaly,	ing an Effluent Tax as a Part of an Interstate	Surface Waters of the Bavarian Prealps,
W74-06938 7-13 2B	Ohio River Basin Water Pollution Control Pro-	W74-11550 7-22 2K
MORRISON, D. R.	gram, W74-13051 7-24 5G	MOSHIRI, G. A.
An Instrumentation System to Measure Near-	7-24 3G	Nutrient-Productivity Relationships in a Bayou
Bottom Conditions on the Continental Shelf, W74-03353 7-07 2J	MORSE, D. C.	Estuary,
	The Direct-Cycle Nuclear Gas Turbine with	W74-06160 7-12 5C
MORRISON, G. A.	Economical Dry Air Cooling, W74-04230 7-08 5D	MOSIER, A. R.
Determination of Mean Cell Size of	7.06 30	Effect of Cattle Feedlot Volatiles, Aliphatic
Tetrahymena in Growing Cultures, W74-07586 7-14 5A	MORSE, F. H.	Amines, on Chlorella Ellipsoidea Growth,
	Potential Use of Airborne Dual-Channel In-	W74-11238 7-21 5C
MORRISON, G. F.	frared Scanning to Detect Massive Ice in Per- mafrost.	Picloram Photolytic Decomposition,
An Inexpensive S.T.D. Data Logging System, W74-04772 7-09 7C	W74-04403 7-09 7B	W74-02383 7-05 5B
	MORTHORE C.C.	
MORRISON, G. H.	MORTIMORE, C. G.	Precolumn Inlet System for the Gas Chromato-

Effects of Reducing Interpretation Corn,
Light and Water on Stalk Rot of Corn,
7-07 3F

Effects of Reducing Interplant Competition for

graphic Analysis of Trace Quantities of Short-Chain Aliphatic Amines,

7-03 5A

W74-01357

Multielement Instrumental Neutron Activation

7-01 2K

Analysis of Biological Materials, W74-00289

MOSKAL, M. The Usefulness of Biological Tests for Deter-	Surface Water Network Design by Regression Analysis Simulation,	MOUDGIL, B. M. The Effect of Dissolved Hydrocarbon Gases in
mining the Toxicity of Some Chemical Com- pounds in Waters,	W74-09912 7-19 2E	Surfactant Solutions on Froth Flotation of Minerals,
w74-13097 7-24 5C	The Worth of Data in Hydrologic Design,	W74-10288 7-19 5D
	W74-09399 7-18 7C	MOUNT D. I
MOSKALEV, YU. I. Distribution, Elimination, and Coefficients of	MOSS M. I	MOUNT, D. I. Chronic Effect of Low pH on Fathead Minnow
Accumulation of Strontium-90, Cesium-137,	MOSS, M. L. Procedures and Programs to Assist in the En-	Survival, Growth and Reproduction, W74-03288 7-07 5C
and Phosphorus-32 in Fish, W74-12043 7-23 5B	vironmental Impact Statement Process, W74-07061 7-14 6B	Use of Toxicity Tests with Fish in Water Pollu-
MOSLEY, J. C.	MOSSAKOVSKAYA, I. A.	tion Control,
Mathematical Simulation of Salinity in the	The Alma-Ata Mudflow of July 15, 1973	W74-12185 7-23 5A
Sacramento Rover System, W74-01944 7-04 5B	(Almatinskiy sel' 15 iyulya 1973 g.), W74-10376 7-20 2J	MOUNTCASTLE, W. R. Nature and Stability of Complex Mercury
MOSS, A. J.		Compounds in Surface and Ground Waters,
Fragmentation of Granitic Quartz in Water,	MOSSEL, D. A. A. AND	W74-02441 7-05 5A
W74-03065 7-06 2J	The Direct Enumeration of Escherichia coli in Water Using Macconkey's Agar at 44 C in	MOUNTFORD, K.
24000 P	Plastic Pouches,	Modularized Systems for Field Analysis of Pri-
MOSS, B. Diversity in Fresh-Water Phytoplankton,	W74-04768 7-09 5A	mary Production in Chesapeake Bay,
W74-06057 7-12 5C	****** * *	W74-12268 7-23 5A
7.12 30	MOT', I. S. The Effect of Different Tillege Methods on the	MOURLAN, J.
Effects of Artificial Aeration on the Chemistry	The Effect of Different Tillage Methods on the Physical Properties of Soil, (In Russian),	Frame for a Semi-Permeable Membrane As-
and Algae of Two Michigan Lakes,	W74-05378 7-10 2G	sembly,
W74-00048 7-01 5C		W74-08898 7-17 8C
The Influence of Environmental Factors on the	MOTHES, P.	MOURLON, J-C. J.
Distribution of Freshwater Algae: An Experi-	Brackish Water Desalting Testing and Evalua- tion Procedures with Modile Test Facility.	Apparatus for Removing a Substance Floating
mental Study. II. The Role of pH and the Car-	W74-01934 7-04 3A	as a Layer on the Surface of a Body of Liquid,
bon Dioxide-Bicarbonate system, W74-00639 7-02 5C	1-04 3A	W74-11057 7-21 5G
17-00037	MOTHES, P. M.	MOUSSA, M. T.
The Influence of Environmental Factors on the	Brackish Water Desalting, Testing and Evalua-	Measuring Volumes of Sedimentary Grains,
Distribution of Freshwater Algae: An Experi-	tion Procedures with Mobile Test Facility, W74-08335 7-16 3A	W74-04056 7-08 2J
mental Study. III. Effects of Temperature, Vitamin Requirements and Inorganic Nitrogen	W74-08335 7-16 3A	MOUSSAVI, M.
Compounds on Growth,	Management, Operation and Maintenance of	Solvent Extraction of Sulfur From Marine
W74-00640 7-02 5C	Brackish Water Test Facility, Roswell, New	Sediment and Its Determination by Gas Chro- matography.
m 10 (F)	Mexico, July 1970 - April 1972, W74-11832 7-22 3A	W74-07565 7-14 5A
The Influence of Environmental Factors on the Distribution of Freshwater Algae: An Experi-	W74-11832 7-22 3A	
mental Study. III. Effects of Temperature,	мотокі, м.	MOYER, J. E. An Evaluation of Tailings Ponds Sealants,
Vitamin Requirements and Inorganic Nitrogen	Observations on Gambusia affinis Introduced	W74-12217 7-23 5G
Compounds on Growth,	into Tokushima as a Natural Enemy of Mosquitoes, (In Japanese),	D. C. H. C I C
W74-06549 7-13 5C	W74-07048 7-13 5G	Port Collection and Separation Facilities for Oily Wastes, Volumes I-IV,
The Influence of Environmental Factors on the		W74-10357 7-20 5D
Distribution of Freshwater Algae: An Experi-	MOTOMATSU, T.	
mental Study. IV. Growth of Test Species in	Effects of Shading and of Seasonal Differences	State-of-the-Art: Sand and Gravel Industry, W74-12224 7-23 5B
Natural Lake Waters, and Conclusion, W74-00641 7-02 5C	in Weathering on the Growth, Sugar Content and Sugar Yield of Sugar Beet Crops.	W.W-12224
702 30	W74-01229 7-03 3F	MOYERS, J. L.
Studies on Gull Lake, Michigan: II. Eutrophi-		Atomic Absorption Procedure for Analysis of Metals in Atmospheric Particulate Matter,
cation: Evidence and Prognosis, W74-13456 7-24 5C	MOTOMIZU, S. The Solvent Extraction of the Ternary Com-	W74-12508 7-23 5A
W 14-13430 1-24 3C	plexes of Iron(II)-Rhodamine B With Various	
MOSS, D. D.	Nitrosophenols. Determination of Iron in	MRKLAS, L. Aluminum in Fluoridated Drinking Water:
Aquacultural Developments in Peru,	Waters,	Analytical and Physiological Problems,
W74-06353 7-12 3F	W74-00288 7-01 2K	W74-06164 7-12 5A
MOSS, F. H. JR.	MOTTS, W. S.	Influence of Water Intoke on the Decree of In-
Planning and Wastewater Management of a	Some Potential Environmental Problems from	Influence of Water Intake on the Degree of In- cisor Fluorosis and on the Incorporation of
Combined Sewer System in San Francisco,	Population Explosion and Urban Development	Fluoride into Bones and Incisor Teeth of Mice,
W74-10413 7-20 5D	in Massachusetts and Adjacent Parts of New	W74-05246 7-10 5C
MOSS, M. E.	England,	MROSLA, E.
Autocorrelation Structure of Monthly Stream-	W74-09598 7-18 5B	The Use of Standard Bodies to Measure the
flows, W74-11419 7-21 2E	MOTZ, L. H.	Cavitation Strength of Water,
W74-11419 7-21 2E	Surface Jet Stream Excess Temperature Analy-	W74-11034 7-21 8B
Cross Correlation of the Logarithms of Esti-	sis,	MUALEM, Y.
mates of Mean Streamflows,	W74-11748 7-22 5B	A Conceptual Model of Hysteresis,
W74-02775 7-06 2E	MOUCHET, J.	W74-09902 7-19 2G
Expected Optimum Record Length as a Basis	Survey of Potential Vectors of Yellow Fever in	Modified Approach to Capillary Hysteresis
for Hydrologic Network Design,	Tanzania, (In French),	Based on a Similarity Hypothesis,
W74-00178 7-01 7C	W74-00242 7-01 5G	W74-00368 7-01 2G

MUCHMORE, C. B.

MUCHMORE, C. B. Algae Control in Water Supply Reservoirs, W74-11165 7-21 5F	MUELLER, T. R. Environmental Applications of Centrifugal Photometric Analysis,	MULER, A. B. Interdisciplinary Modeling in the Analysis of the Salinity Problems of the Safford Valley,
ACCULERON I A	W74-12029 7-23 5A	W74-07297 7-14 5B
MUCKLEROY, J. A. Organization of Field Tests and Evaluation of	MURITER W	MULFORD, R. A.
Tricone Bit Performance Using Statistical Analysis and Sonic Logs,	MUELLER, W. Investigations of the Meteorological Influences on the Increase of Dry Matter and Stalk Length	An Annual Plankton Cycle on the Chesapeake Bay in the Vicinity of Calvert Cliffs, Maryland,
W74-04160 7-08 8G	for Spring Barley and Winter Wheat in the Pan-	June 1969 - May, 1970, W74-02863 7-06 5C
MUCKLESTON, K. W. The Problems and Issues of Implementing the	nonian Climate Area: I. Method Synopsis and Results of the Preliminary Experiments of	Phytoplankton of the Chesapeake Bay,
Federal Water Project Recreation Act in the Pacific Northwest,	1970, (In German), W74-12729 7-23 3F	W74-00896 7-02 2L
W74-02453 7-05 6C	MUHLBAUER, J.	MULKOVSKI, Y. AND
MUDRACK, K.	An Economic Appraisal of Changes in Water	Results of Trials with Tobacco and Cotton
Purification Plant Eutin, Application of Simul- taneous Precipitation for Phosphate Elimina-	Use Through Investments in Navigable Rivers and Canals,	Rotations Under Irrigation, (In Bulgarian), W74-04825 7-09 3F
tion, (Klaeranlage Eutin, Andwendung Der	W74-05395 7-10 6A	MULL, D. S.
Simultanfaellung Zur Phosphateliminierung,), W74-11247 7-21 5D	MUIR, J.	The Hydrology of the Lexington and Fayette
W74-11247 7-21 5D	A Study of Factors Influencing the Nitrogen	County, Kentucky Area,
MUDROCHOVA, A.	and Phosphorus Contents of Nebraska Waters,	W74-11201 7-21 4A
Changes in C, N, P, and S in the Last 140	W74-02151 7-05 5B	MULL, R.
Years in Three Cores from Lakes Ontario, Erie, and Huron,	MUKAI, S.	The Relation Between Soil-Water Diffusivity
W74-01805 7-04 5C	Study on the Removal of Inorganic and Organic	and Water Content,
Sedimentation Rates and Recent Sediment His-	Mercury in Waste Water by the Flotation Method.	W74-13409 7-24 2G
tory of Lakes Ontario, Erie and Huron,	W74-10470 7-20 5D	MULLA, M. S.
W74-06282 7-12 2J		Aquatic Midge Larvicides, Their Efficacy and Residues in Water, Soil, and Fish in a Warm-
MUDRY, N.	MUKAI, T.	Water Lake,
Changing Attitudes in Water Resources	Process for Purifying Water that Contains Or- ganic Matter,	W74-09443 7-18 5G
Development in the Province of Manitoba, W74-03747 7-07 6B	W74-04716 7-09 5D	MULLALY, J. D.
	MINERIE	Performance of Lucerne (Medicago sativa)
MUEHLEISEN, K.	MUKERJEE, A. Mass Transfer in Heterogeneous Systems and	Lines in Pure Stands Under Irrigated and Rain
'Barovibra' BOD Measuring Apparatus (Barovibra-BSB-Messgeraet),	Velocity and Gas Absorption Studies for Single	Grown Conditions in Sub-Coastal Central Oueensland,
W74-05265 7-10 5A	Bubbles, W74-05413 7-11 5B	W74-07359 7-14 3F
MUELLER, C. C.	W/4-03413 /-11 3B	MILLEN D.C
Drainage System Design and Analysis by Com-	MUKERJI, A. B.	MULLEN, R. S. Modularized Systems for Field Analysis of Pri-
puter, W74-13021 7-24 4A	Morphogenetic Study of Terminal Triangular Tract of Inland Streams in Sutlej Yamuna	mary Production in Chesapeake Bay,
MIELLER C	Plain,	W74-12268 7-23 5A
MUELLER, G. Heavy Metals in the Sediments of the Danube,	W74-10052 7-19 2E	MULLER, A.
Ems, Weser and Elbe Rivers in West Germany,	Reuse and Recycle of Water in Industry,	San Diego's Offshore Area,
(In German),	W74-10051 7-19 5D	W74-02831 7-06 6F
W74-03552 7-07 5B	MINNACHEVA I A	MULLER, A. B.
The Intertidal Region of the Gulf of Alaska,	MUKHACHEVA, I. A. Refinement of the Precipitation Amount as Ap-	An Analysis of the Water Quality Problems of
W74-06430 7-12 2L	plied to Calculation of Water Balance of Lake	the Safford Valley, Arizona, W74-04976 7-10 5B
MUELLER-HAECKEL, A. Experiments on the Movement Behavior of	Baykal, (Utochneniye velichiny osadkov primenitel'no k raschetu vodnogo balansa oz.	
Unicellular Algae in Flowing Water,	Baykal),	Salinity Problems of the Safford Valley: An In- terdisciplinary Analysis,
W74-08120 7-15 2I	W74-09102 7-17 2H	W74-08769 7-17 5B
MUELLER, J. C.	MUKHAMEDIEV, A. M.	
Detoxification of Kraft Mill Effluents by Foam	Closed Season Regulation for Table Fish in the	MULLER, F. An Operational Mathematical Programming
Separation,	Sukhandar'ya River Basin, (In Russian),	Model for the Planning of Economic Activities
W74-03084 7-06 5D	W74-04290 7-08 8I	in Relation to the Environment,
MUELLER, L. H.	MUKHAMMEDOV, G.	W74-05616 7-11 6B
Captain Toxicity to Fathead Minnows (Pimephales Promelas), Bluegills (Lepomis	Spring Time Sowing of Psammophytes in Kara	Velocity Fluctuations and Water Regime of
Macrochirus), and Brook Trout (Salvelinus	Kum, (In Russian), W74-13260 7-24 2G	Arctic Valley Glaciers,
Fontinalis),		W74-09338 7-18 2C
W74-06085 7-12 5C	MUKHERJEE, A. K.	MULLER, G.
MUELLER, P. K.	Ecological Aspects Along the Shores of the Bu- rabalanga Tidal Estuary Balasore District, Oris-	Mineralogy and Petrology of Black Sea Basin Sediments.
Overview of the California Aerosol Charac- terization Experiment.	sa State.	W74-12381 7-23 2J
W74-10953 7-21 5A	W74-07049 7-13 2L	
	MILI CHANDANI U K	MULLER, L. The Use of Polymentham From Plantics in the
MUELLER, T. D. Pressure Interference Effects Within Reser-	MULCHANDANI, H. K. Depollution Techniques and Management in an	The Use of Polyurethane Foam Plastics in the Construction of Expedient Roads on Per-
voirs and Aquifers,	Oil Refinery,	mafrost in Central Alaska,
W74-05087 7-10 4B	W74-10280 7-19 5D	W74-04421 7-09 8G

Current Status of Research on the Biological MURATORE, E.

MULLER, W. A.	Current Status of Research on the Biological	MURATORE, E.
Trophic Dynamics and Niches of Salt Marsh	Effects of Pesticides in Chesapeake Bay,	Treatment of Alkali Extraction Effluents by
Foraminifera,	W74-00923 7-02 2L	Ultrafiltration (Traitement des effluents de sodation par ultrafiltration),
W74-01814 7-04 5C	MUNTEANU, I.	W74-11114 7-21 5D
MULLIGAN, H. F.	Contributions to the Knowledge of Tissa Plain	721 30
Basic Research in the Aquatic Environment:	Pseudogley Soils, (In Rumanian),	MURFEE, G.
Effects of Eutrophication on Phytoplankton	W74-12282 7-23 2G	Hypolimnion Aeration with Commercial Ox- ygen - Vol. I - Dynamics of Bubble Plume,
Populations and Selected Species of Aquatic	MUNTEANU, M.	W74-06525 7-13 5D
Vascular Plants, W74-06835 7-13 5C	Contributions to the Knowledge of Tissa Plain	
	Pseudogley Soils, (In Rumanian),	Hypolimnion Aeration with Commercial Ox-
Probable Causes for the 1972 Red Tide in the	W74-12282 7-23 2G	ygen - Vol. II - Bubble Plume Gas Transfer, W74-06526 7-13 5D
Cape Ann Region of the Gulf of Maine, W74-01435 7-03 5C	MUNTZ, W.	W /4-06326 /-13 3D
W74-01435 7-03 5C	Rain Reservoirs and Rain Overflows	MURKES, J.
MULLIGAN, T. J.	(Regenbecken und Regenentlastungen),	Reverse Osmosis and Ultrafiltration - A Survey
Treatment and Disposal of Swine Waste,	W74-09509 7-18 4A	of Auxiliary Apparatuses Available in this Field
W74-09704 7-18 5D	MUNZ, W.	(Umgekehrte Osmose und Ultrafiltration - Ein Ueberblick Ueber die auf Diesem Gebiet Ver-
MULLIN, M. M.	Rain Retention Basins and Rainwater	fuegbaren Apparativen Hilfsmittel),
Laboratory Culture, Growth Rate, and Feeding	Discharges (Regenbecken Und Regenentlastun-	W74-08218 7-16 5D
Behavior of a Planktonic Marine Copepod,	gen),	
W74-08732 7-17 2I	W74-11854 7-22 5D	MUROMTSEV, N. A.
A Study of Plankton Dynamics and Nutrient	Relief Concept Concerning Mixed Sewers	Dependence of Plant Thermoresistance on Thermodynamic Properties of Soil Moisture,
Cycling in the Central Gyre of the North	(Entlastungs-Konzeptionen im Mischsystem),	(In Russian),
Pacific Ocean,	W74-08246 7-16 5D	W74-06244 7-12 3F
W74-03561 7-07 5B		
***** * * ****	MURAHARI, V.	Effect of Soil Drought on Water Availability and Plant Growth, (In Russian),
MULLINS, J. T. Thermophilic Fungi in a Municipal Waste Com-	Flow Characteristics of Sloping Channel Jumps.	W74-00475 7-01 3F
post System,	W74-08387 7-16 8B	
W74-03875 7-08 5A	W/4 00307	Use of Sound Methods in Determining the
	MURAI, T.	Permeability Coefficient of Soil Moisture, (In
MULVIHILL, M. E.	Growth and Food Conversion of Rainbow	Russian), W74-11893 7-22 2G
Optimal Timing and Sizing of a Conjunctive Urban Water Supply and Waste Water System	Trout Reared in Brackish and Fresh Water, W74-06492 7-12 21	W/4-11693
with Nonlinear Programming,	17-12 21	The Use of Tensiometers as Indicators of Soil
W74-08010 7-15 5D	The Influence of Dissolved Oxygen on the	Moisture Availability for Plants, (In Russian),
	Growth of Channel Catfish,	W74-00989 7-02 3F
MUNDA, I.	W74-06038 7-12 5C	MUROTA, A.
Changes and Succession in The Benthic Algal Associations of Slightly Polluted Habitats,	MURAKAMI, K.	Transformation of Surges,
W74-11286 7-21 5C	Recovery of Heavy Metals from Waste Acid	W74-03687 7-07 8B
	(Haisan Kara No Jukinzoku No Kaishu),	MURPHEY, W. K.
The Effect of Polluted Water on The Assimila-	W74-11879 7-22 5D	Anatomical and Physical Properties of Red Oak
tion Rate of The Brown Algae Ascophyllum	MURALIKRISHNA, U.	and Red Pine Irrigated with Municipal Waste-
Nodosum (L.) Le Jol. and Fucus Vesiculosus (L.) (Preliminary Experiment),	A New Vanadyl (IV) Thiocyanate Method for	water,
W74-11284 7-21 5C	the Spectrophotometric Determination of	W74-12886 7-24 5D
	Vanadium (IV),	MURPHY, A. W.
MUNDT, J. O.	W74-09765 7-18 5A	The National Environmental Policy Act and the
Litmus Milk Reaction as a Distinguishing Fea-	MURAMATSU, T.	Licensing Process: Environmentalist Magna
ture Between Streptococcus Faecalis of Human and Non-Human Origins,	Oil Recovery System,	Carta or Agency Coup de Grace,
W74-01549 7-03 5A	W74-05886 7-11 5G	W74-06963 7-13 5G
	MUDATA W W	MURPHY, C. B. JR.
MUNDY, J. C.	MURATA, H. H. Castaic Lake Area Recreation Development	Effect of Restricted Use of Phosphate-Based
Investigation of Surface Films - Chesapeake Bay Entrance,	Plan,	Detergents on Onondaga Lake,
W74-08831 7-17 5A	W74-03481 7-07 6B	W74-07566 7-14 5C
		MURPHY, D. J.
MUNIS, R. H.	MURATA, I. Urinary Low-Molecular-Weight Proteins in	Remote Sensing Applied to Land-Use Studies
Effect of Salinity on the Optical Extinction of	Itai-Itai Disease,	in Wyoming,
Sea Ice at 6328A, W74-00333 7-01 2C	W74-12490 7-23 5C	W74-06631 7-13 4A
W 14-00333 7-01 2C		MURPHY, F. C.
MUNKOV, P. I.	MURATA, M.	Regulating Flood-Plain Development,
Some Data on the Water Economy and the	An Ion-Exchanger/Epoxy Resin Pelletization Method for Sample Preparation in X-Ray	W74-01851 7-04 6F
Utilization of Water Resources in Bulgaria, In- cluding Irrigation,	Fluorescence Analysis. Microanalysis of Metal	MURPHY, K. B.
W74-03954 7-08 3F	Ions in Industrial Waste Water,	Balantidiasis Outbreak in Truk,
	W74-12953 7-24 5A	W74-07031 7-13 5C
MUNRO, J. M. M.	MEIDATA T	
Potential Pasture Production in the Uplands of	MURATA, T. Studies on the Influence of PCB on Aquatic	MURPHY, K. L.
Wales: I. Climatic Variation, W74-13454 7-24 3F	Organisms - IV. Changes in Serum Lipid Con-	Gamma Radiation as an Effective Disinfectant, W74-11860 7-22 5D
1-24 3F	tents and Formation of Lipid Peroxide in the	
MUNSON, T. O.	Tissues of Carp Administered with PCB Orally,	Low Temperature Denitrification of Waste
Biochemical Investigations,	(in Japanese),	Water,
W74-07654 7-15 5B	W74-13105 7-24 5C	W74-10179 7-19 5D

MURPHY, K. L.

Simulation of a Petroleum Refinery Waste MURTAGH, R. A. Wheat and Grain Sorghum Irrigation in a Wide The Role of Organic Debris and Associated Bed-Furrow System, Treatment Process, W74-03467 7-07 SD Micro-Organisms in Pelagic Estuarine Food W74-06580 7-13 3F Chains. W74-08837 7-17 5C Effects of Solid Beef Feedlot Wastes on Soil The Effect of Meteorological Factors on Com-MURTHY, M. S. Conditions and Plant Growth, bustibility of Ground Cover and a New Method Ecology of Upper Catchment Area of River of Forecasting Fire Danger in Forests of the Narmada Climovegetational Relationships: I, Kazakh Hills (In Russian). Quality Improvement of Feedlot Lagoon Water W74-13368 7-24 4A W74-05352 7-10 4A by Percolation Through Soil Under Native MURTY, K. R. G. K. Pasture. MUSOLF, G. E. W74-06830 7-13 5D Coastal Circulation Near Kakinada Bay During Lower Wisconsin River Valley Soil Resources Monsoon Period, and Use Potentials, MURPHY, R. S. 7-10 2I. 7-06 4A W74-02957 Bio-Processes of the Oxidation Ditch in a Sub-Arctic Climate, MURTY, T.S. MUSSELIUS, V. A. Application of the Concept of Bifurcated W74-10177 7-19 5D Diseases of Pond Fishes, Plume to Some Oil Pollution Problems in the Water Quality in Alaskan Campgrounds, W74-07481 7-14 81 Strait of Georgia, W74-04974 7-10 5B W74-12100 MUSTY, P. R. Use of Amberlite XAD-4 for Extraction and MURPHY, S. D. MURTY, T. S. AND Anticholinesterase Action in Methyl Parathion, Application of the Concept of Rectilinear Vor-Recovery of Chlorinated Insecticides and Polychlorinated Biphenyls from Water, Parathion and Azinphosmethyl in Mice and tices to the Movement of Oil Slicks, Fish: Onset and Recovery of Inhibition, W74-04490 W74-07383 7-14 5D W74-12273 7-23 5C MUSZKALAV. L. MURZAKAEV, F. G. MURPHY, T. E. Hygienic Efficacy of Sanitary Protection Mea-Estimation of Streamflow Under Ice Cover, Spillway Crest Design, sures for Surface Waters in the Region of Oil-W74-11512 7-22 2E W74-11757 7-22 8B Refining and Oil-Chemical Enterprises, (In MUYS, J. C. Russian). W74-00241 7-01 5B Interstate Compacts and Regional Water Determination of Lead, Uranium, Thorium, Resources Planning and Management, and Thallium in Silicate Glass Standard Materi-MURZAKAEV, V. G. W74-04000 7-08 6E als by Isotope Dilution Mass Spectrometry, Experimental Study of the Hazard Due to W74-11385 Chlorinated Quinones and their Safety Levels 7-21 5A MUZIK, I. in Water Bodies (In Russian). Laboratory Experiments with Surface Runoff, MURPHY, W. L. W74-07778 7-15 5C W74-06737 7-13 2F Practices and Problems in the Confinement of Dredged Material in Corps of Engineers Pro-MUSATOV, A. P. State Variable Model of Overland Flow, Effects of Thermal Effluents on Biocenoses of jects, W74-13008 7-24 2A W74-10665 Water Bodies (O kharaktere vliyaniya ter-7-20 5E mal'nykh sbrosnykh vod na biotsenozy MUZZARELLI, R. A. A. MURRAY, A. P. vodoyemov), The Determination of Vanadium in Sea Water Protein Adsorption by Suspended Sediments: W74-00842 7-02 5C by Hot Graphite Atomic Absorption Spec-Effects of pH, Temperature, and Concentratrometry on Chitosan After Separation from MUSGRAVE, B. C. Salt. W74-00293 7-01 5B Tritium Distribution in the Nuclear Industry -W74-11109 7-21 5A The Requirements for Control Strategies, MURRAY, D. L. 7-15 5B W74-07784 MYAKINA, N. B. Comparison of Raingauge Evaporation Sup-Determination of the Absorption Capacity in pressants. MUSGRAVE, L. E. Storage of Plutonium Metal in Sealed Cans, Soils, (In Russian), W74-02289 7-05 2D W74-12046 W74-04947 7-10 2G MURRAY, J. W. MUSHAK. P. Sedimentation on the Western Delta-Front of MYAL'GI. U. Perhalobenzenesulfinates as Reagents in the the Fraser River, British Columbia, Determination of Cation Capacity of Humic Determination of Inorganic Mercury in Various W74-03061 Acids by Thin Ash Content, (In Estonian), Media by Gas-Liquid Chromatography, W74-04299 7-08 5A MURRAY, S. P. W74-05482 Effects of Particle Size and Wave State on Determining the Cation Capacity of Humic Quantitative Measurements of Inorganic Mer-Grain Dispersion, Substances Using Flame Photometry, (In cury and Organomercurials in Water and W74-03344 7-07 21 Biological Media by Gas-Liquid Chromatog-W74-04298 7-08 5A Simulation of Horizontal Turbulent Diffusion raphy. W74-08415 of Particles Under Waves, 7-16 5A MYASISHCHEV, S. I. W74-04624 7-09 2J Experiment in Rapid Leaching of Saline Soils MUSICK, J. in the Golodnaya Steppe (Opyt uskorennoy Fishes of the Chesapeake Bay, MURRELL, K. R. promyvki zasolennykh pochv Golodnoy stepi), Apn aratus for Separating Oil and SolidsfFrm W74-00916 7-02 2L W74-05018 7-10 3C m Water. W74-07202 7-14 5D MYCYK, R. T. Carbon-Monoxide-Induced Particles from Hop-Floods in Garden Prairie Quadrangle, MURRMANN, R. P. calite Catalyst. Northeastern Illinois, Ionic Mobility in Permafrost, W74-10998 7-21 5B W74-13189 W74-04382 7-24 7C 7-09 2C MUSICK, J. T.

Evaluation of Graded Furrow Irrigation with

Length of Run on a Clay Loam Soil,

W74-08927

A Field Study of Langmuir Circulations,

7-09 2H

W74-04845

7-17 3F

W74-05153

Microbial Degradation of Petroleum in Con-

7-10 5B

tinental Shelf Sediments.

MYERS, D. A.	MYKTYTYUK, P. V.	NAFF, R. L.
Appraisal of Ground-Water Availability and Management Projections, Walla Walla River	Sowing of Ponds and Carp with Clostridium perfringens, (In Ukrainian),	Development and Management of Groundwater in Relation to Preservation of Desert Pupfish in
Basin, Washington and Oregon,	W74-08076 7-15 5B	Ash Meadows, Southern Nevada,
W74-03812 7-08 4B	MYSZKA, J.	W74-12752 7-24 4B
Water Resources of the Nisqually Indian	Pollution Endangered Underground Waters in	NAFTEL, W. L.
Reservation, Washington,	the Neighbourhood of a Sewage Catchpit	Ground-Water Data for Harris County, Texas:
W74-00544 7-01 4A	Designed on the Moraine Highland of Northern	Volume IIRecords of Wells, 1892-1972, W74-05527 7-11 4B
MYERS, E. A.	Poland,	W74-05527 7-11 4B
Renovation of Secondary Effluent for Reuse as	W74-00500 7-01 5B	Ground-Water Data for Harris County, Texas:
a Water Resource, W74-10197 7-19 5D	MYTELKA, A. I.	Volume IIIChemical Analyses of Water from
W74-10197 7-19 5D	Combined Sewer Overflow for The Hudson	Wells, 1922-71, W74-05528 7-11 4B
Spray Disposal of Sewage Effluent,	River Conference,	W /4-03328 /-11 4B
W74-00572 7-02 5D	W74-05112 7-10 5D	NAFTZGER, R. A.
Sprinkler Irrigation Systems: Design and	Heavy Metals in Wastewater and Treatment	Nonlinear Wave Forces on Halfcylinder and
Operation Criteria,	Plant Effluents,	Hemisphere, W74-11475 7-22 8B
W74-12888 7-24 5D	W74-01319 7-03 5A	W /4-114/3 /-22 6B
MYERS, J.	MYTTENAERE, C.	NAGAHANA, M.
The Production of Hydrogen Peroxide by Blue-	Influence of Water Regime on the Indirect Ab-	An Epidemiological Study on Clonorchiasis in
Green Algae: A Survey,	sorption of Radiocesium, Radiostrontium, and	Kyoto City, (In Japanese), W74-07050 7-13 5C
W74-04882 7-10 5C	Radiocobalt by Lowland Rice,	W /4-0/030 /-13 3C
MYERS, J. R.	W74-05199 7-10 5B	NAGAHANA, MISAO,
Performance and Selection of Materials for	NABEREZHNYI, A. I.	An Epidemiological Study on Clonorchis sinen-
Potable Hot Water Service,	Food Supply and Character of its Utilization by	sis at the Northern part of Wakayama Prefec-
W74-07855 7-15 8G	Dniester Vimba Fry in Ponds, (In Russian),	ture, Middle Japan, (In Japan), W74-07540 7-14 5C
MYERS, L. E.	W74-07592 7-14 8I	7.14 30
Lower Cost Water Harvesting Methods,	NABWCE A W	NAGAI, S.
W74-03952 7-08 3B	NABILSI, A. H. Studies with Dithizone. Part XXX. Complexes	Investigation of the Energetics of Methane-
Trickle Irrigation Application Uniformity	of Metals, with S-Methyldithizone and the	Utilizing Bacteria in Methane- and Oxygen- Limited Chemostat Cultures.
from Simple Emitters,	Methylation of Metal Dithizonates,	W74-03601 7-07 5A
W74-08918 7-17 3F	W74-06122 7-12 5A	
Uniform Irrigation with Low-Pressure Trickle	NABBTVOVI M	NAGAI, T.
Systems,	NABRZYSKI, M. Improvements in the Wet Oxidation-Dithizone	Determination of Fatty Acid Composition by Gas Chromatography: II. Analysis with Use of
W74-08323 7-16 3F	Method for Determining Low Mercury Levels	Flame Ionization Detector,
Myene n A	in Food,	W74-03312 7-07 2K
MYERS, P. A. Association of Hydrocarbons and Mineral Par-	W74-03869 7-08 5A	NAGAKURA, K.
ticles in Saline Solution,	NACE, R. L.	PCB Contents in Marine Animals in Tokyo
W74-00265 7-01 5B	Environmental Hazards of Large-Scale	Bay, (In Japanese),
MYERS, T. D.	Developments,	W74-13083 7-24 5C
An Observation of Rapid Thermocline Forma-	W74-08601 7-16 6G	NAGAMORI, H.
tion in the Middle-Atlantic Bight,	Pi P b. The Man and His Contribution	An Experiment on Disposal of Metal Working
W74-13005 7-24 5B	Pierre Perrault: The Man and His Contribution to Modern Hydrology,	Oil Emulsion into Sewer Systems (Kinzoku
MYERS, T. L.	W74-11206 7-21 2A	kakoyu no haisui shori ni kansuru ichi jikken),
Solving Drilling Problems Utilizing Well Logs -		W74-10559 7-20 5D
A Case History,	Problems of Underground Storage of Wastes,	NAGASHIMA, Y.
W74-07898 7-15 8G	W74-02732 7-06 5B	Freeze Process for Making Fresh Water from
MYERS, V. I.	NADEAU, R. J.	Brine,
Identification of Soil Associations in Western	Federal Policy Towards Wetlands,	W74-10588 7-20 3A
South Dakota on ERTS-1 Imagery,	W74-08170 7-16 5G	NAGATA, Y.
W74-06629 7-13 2G	NADIA, H.	Deformation of Temporal Pattern of Orbital
MYERS, W. L.	Contributions to the Water Relations of Olive	Wave Velocity and Sediment Transport in
Application of ERTS-1 Data to Analysis of	Under Semi-Arid Conditions,	Shoaling Water, In Breaker Zone and on
Agricultural Crops and Forests in Michigan,	W74-13382 7-24 2D	Foreshore, W74-02711 7-06 2L
W74-01684 7-04 3F	NADVADNI B A	
MYHRE, D. L.	NADKARNI, R. A. Multielement Instrumental Neutron Activation	Experimental Study of Wave Reflection by a
An Electronic Sensor and Circuit for Auto-	Analysis of Biological Materials,	Sloping Beach, W74-01223 7-03 2E
matic Operation of Rainfall Shelters, W74-00042 7-01 7B	W74-00289 7-01 2K	7-03 ZE
17-00042 /-01 /B	WARLER A	NAGELL, B.
Soil Surface Roughness and Straw Mulch for	NADLER, A. Mineral Springs in the Suez Rift ValleyCom-	The Oxygen Consumption of Mayfly
Maximum Beneficial Use of Rainfall by Corn	parison with Waters in the Jordan Rift Valley	(Ephemeroptera) and Stonefly (Plecoptera) Larvae at Different Oxygen Concentration,
on a Blackland Soil, W74-03515 7-07 3F	and Postulation of a Marine Origin,	W74-06019 7-12 5C
	W74-07167 7-14 2K	710

Mineral Springs in the Suez Rift Valley - Com-parison With Waters in the Jordan Rift Valley and Postulation of a Marine Origin, W74-07444 7-14 2K

7-14 2K

MYKLESTAD, S.

Studies on the Phytoplankton Ecology of the Trondheimsfjord. I. The Chemical Composition of Phytoplankton Populations,
W74-06545 7-13 5C

NAGY, Z.

A Novel Device for Improved Air and Liquid
Mixing (Ujtipusu Keszulek Folyadekok Erintkeztetesere es Keveresere Levegovel),
W74-11116 7-21 5D

NAIDU, P. P. NAIDU, P. P. Microdetermination of Arsenic(III) and Osmium(VIII) through Osmium-Thiourea Reaction, W74-02396 Studies on the Microbiological Characteristics of Waters Used by Defence Services in Assam, 7-24 5F W74-12965 NAIR. K. Cargo Spill Probability Analysis for the Deep Water Port Project, W74-00819 7-02 5B NAIR, K. AND Sample Disturbance and Thaw Consolidation of a Deep Sand Permafrost, W74-04387 7-09 2C NAKADE, K. Method for the Treatment of Water, W74-12448 7-23 5D

NAKAGAWA, Y. Urinary Low-Molecular-Weight Proteins in Itai-Itai Disease, W74-12490 7-23 5C

NAKAHARA, R. H. An Investigation of Floods in Hawaii Through September 30, 1973, W74-07185 7-14 2E

NAKAHIRO, Y. Study on the Removal of Inorganic and Organic Mercury in Waste Water by the Flotation Method. W74-10470 7-20 5D

NAKAJIMA, K. Water Quality Monitoring Systems for Environmental Water and Industrial Effluent in Japan, W74-10961 7-21 5G

NAKAJIMA, R. MGCO3 Addition to CASO4 Containing Sea Water to Prevent Corrosion. W74-03010 7-06 3A

NAKAJIMA, V. Geothermal Drilling in the Matsukawa Area, W74-09031 7-17 8A

NAKAMURA, K. The Behaviors of Heavy Metals in the Regeneration Process of Sewage Treatment Activated Carbon, (Gesui shori kasseitan no kanetsu saiseiji ni okeru jukinzoku no kyodo), W74-09482 7-18 5D

The Generation of Edge Waves by Cylindrical Waves Impinging From the Outer Sea, 7-07 2E W74-03451

NAKAMURA, M. Wave Decaying Due to Breaking, W74-03683 7-07 8B

An Ecological Study on the So-Called Mogai (Anadara subcrenata (Lischke)) Cultured in the Kasaoka Bay (In Japanese), W74-02690 7-06 5C

NAKAMURA, R. Accumulation of Strontium and Calcium in Freshwater Fishes of Japan, W74-02197 7-05 5C NAKAMURA, S. Economics of Geothermal Electric Power Generation at Matsukawa, W74-09047 7-17 6C

NAKAMURA, T.

W74-12810

The Effect of Impurities on the Mechanical Properties of Ice Single Crystals, Method of Treating Waste Solution Containing

Chromate Ion or Cyanide Ion,

NAKANISHI, M. Some Sources of Error in the 14C Method for Estimating Primary Productivity and Their Relationship to Light Intensity During Incubation. W74-01217

NAKANO, H. Effect on Streamflow of Forest Cutting and Change in Regrowth on Cut-Over Area, (In Japanese). W74-01782 7-04 4C

NAKANO, R. T. Volcanic Air Pollution: Deleterious Effects on Tomatoes. W74-07430

NAKANO, V. AND Sound and Shock Transmission in Frozen Soils. W74-04383 7-09 2C

NAKAO, K. AND Geophysical Identification of Frozen and Unfrozen Ground, Antarctica. W74-04360 7-09 2C

NAKASATO, H. Determination of Fatty Acid Composition by Gas Chromatography: I. Analysis with Use of Thermal Conductivity Detector, W74-03311 7-07 2K

NAKASATO, S. Determination of Fatty Acid Composition by Gas Chromatography: II. Analysis with Use of Flame Ionization Detector. W74-03312 7-07 2K

NAKASHIMA, H. Determination of Nitrate Nitrogen in Drinking-Water by Cadmium-Copper Reduction, (In Japanese), W74-13498 7-24 5A

NAKAUE, H. S. Occurrence of Hexachlorophene and Pentachlorophenol in Sewage and Water, 7-05 5A W74-02426

NAKAYAMA, F. S. Reducing Seepage from Stock Tanks with Uncompacted, Sodium-Treated Soils, W74-01718 7-04 4A

NAKHSHINA, E. P. AND Micro- and Mesobenthos Development as a Factor of Soil Composition (In Russian), W74-04816 7-09 2H

NAKHSHINA, YE. P. Trace Elements in Bottom Sediments of Dnieper River Reservoirs (Mikroelementy v donnykh otlozheniyakh vodokhranilishch r. Dnepra), W74-03254 7-07 2K

NAKMURA. R. Accumulation of SR in Marine Organisms- I. Strontium and Calcium Contents, CF and OR Values in Marine Organisms,

W74-13098

7-24 5D

NALBONE, R. L. Conceptual Design Study of a 200 Million Gallon Per Day VTE/MSF Desalination Plant and Prototype Module, W74-12207 7-23 3A

7-24 SC

NALEPA, T. F. An Ecological Evaluation of a Thermal Discharge. Part III: The Distribution of Zooplankton Along the Western Shore of Lake Erie. W74-04095 7-08 5C

NALEPKA, R. F. Atmospheric Effects in ERTS-1 Data, and Advanced Information Extraction Techniques, W74-06646

A Mathematical Model of Transport, Diffusion and Degradation of Organic Matter in a River, W74-11875

Turbulence Characteristics in a Smooth Open Channel of Circular Cross-Section (Caracteristiques de la Turbulence au Sein d'un Ecoulement a Surface Libre En Conduite Lisse De Section Circulaire. W74-08192 7-16 8B

NAMBA, Y. Investigation of Brewing Water Treatment, W74-07023 7-13 5A

The Influence of Fertilizers and Irrigation on Growth and Yield of Sweet Potato, W74-01989 7-04 3F Studies on the Influence of Irrigation and Dif-

ferent Doses of N, P and K on the Flowering Behaviour and Absorption of Nutrient Elements in Muskmelon (Cucumis melo L.), W74-08144

Water Quality Effects of Seepage from Earthen Dams, W74-06453 7-12 5B NANKEE, R. L.

Observations on the Reactions of Young American Shad to a Heated Effluent, W74-02900 7-06 5C

NANNI, U. W. Water-Use by Riparian Vegetation at Cathedral W74-02912

NAPHADE, J. D. Effect of Puddling on Physical Properties of Rice Soil, W74-01246

NAPOLI, A. Response of Cyanide Ion Selective Membrane Electrodes in the Presence of Metal Ions, W74-12489 7-23 5A NAPOLI, J.

Our Great Lakes, W74-10784 7-20 5C

Mirex Incorporation in the Environm icity in Selected Freshwater Organism W74-06032		Reproduction, Amino Acid Synth Sugar Content in Ulva Fasciata De W74-05499	nesis, Fat and	Capacity Decisions in a Multipurpose Multireservoir System, W74-00672 7-02 4/
NAQVI, S. M. Z. Toxicity of Twenty-Three Insecticide bificid Worm Branchiura sowerbyi		NASSBAUM, R. A. Comparative Food Habits of Fo Stream-Dwelling Vertebrates (Dic		NAYAK, S. C. Linear Decision Rule: A Note on Control Volume Being Constant,
Mississippi Delta, W74-01740	7-04 5C	satus, D. copei, Cottus tenuis, neri), W74-01982	Salmo gaird- 7-04 2I	W74-13019 7-24 4/
NARAIN, J. P. Swirling Shallow Submerged Turbuler	nt Plumes,	NASSICHUK, M. D. Marine Intertidal Community		Studies on the Crustacean Plankton of a Fresh water Tank at Pilani, Rajasthan, (In
	7-24 5B	Kraft Pulp Mill Effluent, W74-11306	7-21 5C	Malayalam) W74-13031 7-24 50
NARAYAN, K.				NAYLOR, D. V.
Cost Benefit Studies of Irrigation Pro Suggestions for their Improvement, W74-01842	7-04 3F	NASU, N. Orbital Velocity Associated with	Wave Action	Effect of Irrigation, Fertilization, and Othe Cultural Practices on Water Quality,
W/4-01042	/-U4 3F	Near the Breaker Zone, W74-03444	7-07 2J	W74-02321 7-05 50
NARAYANAN, A. S.			2	NAZARIAN, H. N.
Economic Evaluation of the Effect o		NATALIA, P. D.	Tunes of	Water Well Design for Earthquake-Induce
Crop Practices on Nonagricultural Water, W74-07828		Soil Respiration in Different Southeast Asian Tropical Rain Forman),		Motions, W74-09535 7-18 81
W /4-0/828	7-15 5B	W74-09246	7-17 2G	NAZAROV, G. I.
NARAYANAN, R.				Self-Similar Solutions for a Three-Component
Evaluating Water Reuse Alternatives Resources Planning,		NATH, K. R. Effect of Waste Management Processing on the Flavor of Cook		Axisymmetrical Flow of a Viscous Fluid, W74-04248 7-08 81
W74-08940	7-17 5D	W74-11236	7-21 5C	
NARDOZZI, A. D.				NAZAROV, G. V. Effects of a Genetic Soil Group on Runol
Information Resource: Final Report	Water Pol-	NATHAN, A. J.		(Vliyaniye geneticheskogo tipa pochvy n
lution Control in Water Utilities,		A Double Marine Disaster, W74-05800	7-11 5B	stok),
W74-06527	7-13 5F			W74-06304 7-12 20
NARUMI, K.		NATRUS, A. A. Refinement of the Precipitation A	mount as An	NAZAROV, I. M.
Odonata of Sugadaira and Vicinity,		plied to Calculation of Water Ba		Experiment in Determination of Water
W74-02783	7-06 21	Baykal, (Utochneniye velich primenitel'no k raschetu vodnog	iny osadkov	Equivalent of Snow in Mountains by Absorption of Galactic Cosmic Radiation (Opy
NASH, C. E. Preliminary Study of Temperature To		Baykal), W74-09102	7-17 2H	opredeleniya zapasov vlagi v snezhnor pokrove v gorakh po pogloshcheniyu galal
Juvenile Hawaiian Mullet (Mugil Cep W74-12260	halus), 7-23 5C	NAUDASCHER, E.		ticheskogo kosmicheskogo izlucheniya), W74-09932 7-19 20
Residual Chlorine Retention and Po	ower Plant	Flow-Induced Forces on Protrudi W74-05737	7-11 8B	NAZAROVA, I. V.
Fish Farms,	ower rune			Automatic Monitoring of Daily Results of Basi
W74-12266	7-23 5C	NAUMAN, J. W. Aquatic Organisms from Selecte	ed Sites Along	Meteorological Observations, W74-06727 7-13 2
NASH, L. J.		the Proposed Trans-Alaska Pipe		
Physioecology of the Umsindusi Ri the Pietermaritzburg City Limits,	iver within	September 1970 to September 197 W74-08369	72, 7-16 2I	NAZIROV, N. N. AND Drought Resistance of Radiation-Induced Mu
W74-05363	7-10 5B	Field Water-Quality Information		tant Varieties and Parent Forms of Cotton, (I Russian),
NASH, R.	of Conflict	Proposed Trans-Alaska Pipeline tember 1970 Through September	1972,	W74-04822 7-09 3
Rivers and Americans: A Century o ing Priorities,	. Conflict	W74-04054	7-08 5A	NEAL, J. D.
W74-00454	7-01 6G	NAUMOV, A. V.	Puma Acresia	Microbial Culture Media Preparation, W74-01505 7-03 5.
NASHIKKAR, J. T.		Calculations for Displacement-1 Tanks (Raschet aerotenkov-vytes		
Berry Seed Shell as Filter Media,		W74-13427	7-24 5D	NEAL, R. A. Some Effects of Filtration on the Determination
W74-13328	7-24 5D	NAVROT. J.		tion of Nutrients in Fresh and Salt Water,
NASONOVA, N. P. Utilization of Nutrients from Soil :	and Fertil-	Some Aspects of the Ca and S Cycle in the Lake Kinneret (I		W74-01521 7-03 7 NEAL, R. W.
izers by Pasture Grass as Depende Moisture (In Russian),		Drainage Basin, W74-04269	7-08 2J	Priminary System Development, Chemic Hazards Response Information System
W74-04820	7-09 4A	NAWROCKI, M. A.		(CHRIS),
NASR, A. H.		Joint Construction Sediment Con W74-11923	trol Project, 7-22 4D	W74-01092 7-02 5
Effect of Different Carbon Sources of		W /4-11923	1-22 40	NEAL, V. T.
Reproduction, Amino Acid Synthesi Sugar Contents in Ulva Fasciata Deli W74-04098		A Portable Device for Measurin Flow in Sewers,		Predicted Flushing Times and Pollution Di tribution in the Columbia River Estuary, W74-03704 7-07 5
		W74-09061	7-17 5D	
Effect of Different Salinities on Reproduction, Amino Acid Synthesi	is, Fat and	NAY, M. W. JR. Biological Treatability of Trinitro	toluene Manu-	NEALE, L. C. Chesapeake Bay Model Study for Calve
Sugar Content in Ulva Fasciata Delile W74-04097	e, 7-08 5C	facturing Wastewater, W74-09470	7-18 5D	Cliffs, W74-02905 7-06 5
	1-00 30		7-10 JD	

NEALE, R. J.

NEALE, R. J. The CPAR Program - Government-Industry Cooperation in Pollution Abatement Research,	NEEDHAM, T. Pilot Application of the Rotating Biological Surface Concept for Secondary Treatment of	NEIHEISEL, J. Source and Distribution of Sediments at Brun- swick Harbor and Vicinity, Georgia,
W74-02274 7-05 5D	Insulating Board Mill Effluents, W74-07398 7-14 5D	W74-03110 7-06 2J
NEATHERY, M. W.	1714 30	Techniques for use of Organic and Amorphous
Endogenous Zinc Excretion and 65Zinc	NEEDLEMAN, H. The Distribution of Lead in Human Deciduous	Materials in Source Investigations of Estuary Sediments.
Metabolism in Holstein Calves Fed Inter- mediate to High But Nontoxic Zinc Levels in	Teeth,	W74-07241 7-14 2L
Practical Diets,	W74-07691 7-15 5C	NEIL, F. C.
W74-07954 7-15 5C	NEEL, J. K.	Engineering Work Leading to a Rock Tunnel
NEBEKER, A. V.	Weed Harvest and Lake Nutrient Dynamics,	Plan,
Effect of Low Oxygen Concentration on Survival and Emergence of Aquatic Insects,	W74-00150 7-01 5C	W74-02853 7-06 8A
W74-04100 7-08 5C	NEEL, J. K. SR. Biotic Character as Related to Stream Mineral	NEIL, R. C. Lime Grout Penetration and Associated
Effect of Polychlorinated Biphenyl Compounds	Content,	Moisture Movements in Soil,
on Survival and Reproduction of the Fathead Minnow and Flagfish,	W74-03317 7-07 5C	W74-07871 7-15 8D
W74-13085 7-24 5C	NEEL, M. E.	NEILL, J. C.
NEBEKER, E. B.	Method and Apparatus for the Treatment of In- fluent Waters Such as Sewage,	Quality of Surface Water in Illinois, 1966-1971, W74-07678 7-15 5A
Percussive Water Jets for Rapid Excavation-	W74-10933 7-21 5D	
Final Report,		NEILSON, F. M.
W74-11997 7-22 8H	NEELY, W. Georgia's Water Problems and Related	Bed Forms Generated in the Laboratory Under an Oscillatory Flow: Analytical and Experi-
NEBEL, C.	Research Needs,	mental Study,
Ozone Decolorization of Effluents from Secon- dary Treatment.	W74-00004 7-01 6B	W74-03612 7-07 8B
W74-11095 7-21 5D	NEELY, W. C. Determination of Griseofulvin by Time-	NEKRASOVA, M. YA. Zoobenthos of the Azov Sea After the Control
Ozone Disinfection of Industrial-Municipal	Resolved Phosphorimetry,	of THE Don River, (In Russian),
Secondary Effluents, W74-06159 7-12 5D	W74-01224 7-03 5A	W74-01257 7-03 2L
17-12 30	The Photosensitizing Action of Carcinogens. I.	Zoobenthos Resources and Productivity in the
NEBERT, M. Lagoon Contributions to Sediments and Water	The Action of 2-Naphthylamine on Escherichia Coli K-12 and Paramecium Caudatum,	Gulf of Taganrog, (In Russian), W74-00495 7-01 5C
of the Bering Sea,	W74-08095 7-15 5C	
W74-02728 7-06 2H	NEES, W. L.	NELEPO, B. A. Cesium Distribution in the Surface Layer of the
NEBLETT, W. R.	Environmental Surveillance at Hanford for CY-	Pacific Ocean,
Acceptability to the Fishing Industry of the	1973,	W74-02055 7-04 5B
Current U.S. Position on Fisheries. Article III -	W74-12044 7-23 5B	
- Law of the Sea Conference 1973,		NELSON, B. W.
W74-05652 7-11 6E	NEFF, C. H.	Biogeochemical Variables in Bottom Sediments
NEBOL'SINA, T. K.	Domestic Hot Water Systems, Silicate Treat- ment Inhibits Corrosion of Galvanized Steel	of the Rapphannock River Estuary, W74-07244 7-14 2L
Estimation of Fish Production in the Volgograd	and Copper Alloys,	W/4-0/244 /-14 ZL
Water Reservoir, (In Russian),	W74-07850 7-15 8G	NELSON, C. B.
W74-00480 7-01 2H		Calculations of Dose, Population Dose and
	NEFF, S. E.	Health Effects Due to Boiling Water Nuclear
NECE, R. E.	A Detailed Investigation of the Sociological,	Power Reactor Radionuclide Emissions in the
Flushing and Water Quality Characteristics of	Economic, and Ecological Aspects of Proposed	United States During 1971,
Small-Boat Marinas,	Reservoir Sites in the Salt River Basin of Ken- tucky.	W74-13110 7-24 5A
W74-10419 7-20 5B	W74-04310 7-09 2A	NELSON, D.
State of the Art of Floating Breakwaters,	W14-04310	An Economic Feasibility Study of Fayetteville,
W74-07498 7-14 8A	Seasonal Changes in Water Quality and Prima-	North Carolina, Treating Fort Bragg's Waste-
NECHAYEVA, N. S.	ry Productivity in Doe Valley Lake, W74-07605 7-15 5C	water, W74-03187 7-06 5D
Models of Spring Runoff Formation and	715 50	7-00 35
Problems in Their Use for Forecasting the	NEGHABAT, F.	NELSON, D. J.
Flood Hydrograph,	A Cofferdam Design Optimization,	Environmental Sciences Division Annual
W74-05842 7-11 2A	W74-08511 7-16 8A	Progress Report for Period Ending September 30, 1973,
NEDELCU, G. A.	Optimum Design Height of Cofferdams,	W74-06826 7-13 5B
Zonation of Aquatic and Swamp Vegetation,	W74-07304 7-14 8A	WELGON D.
(In Rumanian),	NEHER, M. B.	NELSON, D. L.
W74-03843 7-08 2H	Specific Ion Mass Spectrometric Detection for	Sanitary Landfill, W74-10018 7-19 5E
NEDOCLAN, G.	Gas Chromatographic Pesticide Analysis,	W74-10018 7-19 5E
Marine Pollution by Hydrocarbons in the	W74-08943 7-17 5A	NELSON, D. W.
Northern Adriatic Sea,		Denitrification as a Pathway for Nitrate
W74-10794 7-20 5B	NEHRKORN, A.	Removal in Aquatic Systems,
MEDIUM D. D.	Investigations on the Problem of Solubility and	W74-06612 7-13 5B
NEDWELL, D. B. The Effect of Microbial Activity Upon the	Stability of Steroid Ovulation Inhibitors in	Determination of Total Phaesharous in Calland
The Effect of Microbial Activity Upon the Sedimentary Sulphur Cycle,	Water, Waste Water and Activated Sludge, (In German),	Determination of Total Phosphorous in Soils: A Rapid Perchloric Acid Digestion Procedure,

Determination of Total Phosphorous in Soils: A Rapid Perchloric Acid Digestion Procedure, W74-11273 7-21 2G

7-15 5A

W74-01239

7-03 5B

W74-08133

		NEOSIADIER, II. E.
Nitrogen and Phosphorus Composition of Sur-	NELSON, R. D.	NESHEIM, M. C.
face Runoff as Affected by Tillage Method,	Reuse of Solid Waste from Water-Softening	Evaluation of Dehydrated Poultry Manure as a
W74-06344 7-12 5B	Processes,	Potential Poultry Feed Ingredient,
	W74-05127 7-10 5D	W74-09688 7-18 5D
Nitrogen Uptake Efficiency by Four Plant Spe-	NELCON B W	NECTED A SE
cies in the Field and Growth Chamber,	NELSON, R. W.	NESTER, A. W. Sewer-Within-Sewer Saves City \$400,000,
W74-05404 7-11 5B	Soil Moisture Transport in Arid Site Vadose Zones,	
Phosphorus Relationships in Runoff from Fer-	W74-07780 7-15 2G	W74-10921 7-21 5D
tilized Soils,	W/4-0/100	NESTLE, A. C.
W74-04471 7-09 5B	NELSON-SMITH, A.	Coupon Corrosion Rates Versus Hydrogen
	Oil Pollution and Marine Ecology,	Probe Activity,
Preservation of Soil Samples for Inorganic	W74-11166 7-21 5C	W74-07857 7-15 8G
Nitrogen Analyses, W74-10334 7-19 2G	NELSON, V. A.	A Review of Corrosion Monitoring Techniques
W /4-10334 /-19 2G	Biological Half-Lives for Zinc and Mercury in	W74-12550 7-23 8G
A Simple Digestion Procedure for Estimation	the Pacific Oyster, Crassostrea gigas,	7-23 60
of Total Nitrogen in Soils and Sediments,	W74-07807 7-15 5C	NESTLER, F. H. M.
W74-08324 7-16 5B		Characterization of Wood-Preserving Coal-Tai
NET GOV II E	NELSON, W.	Creosote by Gas-Liquid Chromatography,
NELSON, H. F.	A Survey of Prediction Intervals and Their Ap-	W74-05306 7-10 5A
Thermal Radiative Properties of a Smooth Air- Water Interface,	plications,	NESTOR C W
W74-02874 7-06 2K	W74-03858 7-08 7C	NESTOR, C. W. Distribution and Release of Tritium in High
W/4-020/4	NELSON, W. R.	Temperature Gas-Cooled Reactors as a Func
NELSON, J. C.	Process Water Reuse and Upset Control	tion of Design, Operational, and Materia
The Effects of Water Resources Development	Modifications at an Integrated NSSC Mill,	Parameters.
on Estuarine Environments,	W74-02283 7-05 5D	W74-09838 7-19 5H
W74-09556 7-18 2L	AUTHORNOUS AS A	
NELSON, J. D.	NEMEROW, N. L.	NETTIETON, W. D.
Biodegradation of Phenylmercuric Acetate by	Benefit-Related Expenditures for Industrial Waste Treatment,	Organic Compounds in Soil Water of Some Ul
Mercury-Resistant Bacteria,	W74-05641 7-11 5D	tisols of the Atlantic Coastal Plain,
W74-01555 7-03 5B	W 14-03041 /-11 3D	W74-03494 7-07 20
7 03 32	NEMETHY, G.	NETZER, A.
NELSON, J. D. JR.	Structure of Liquid Water. Statistical Ther-	Program Will Control Pollution from Water
Microbial Ecology and the Problem of Petrole-	modynamic Theory,	craft,
um Degradation in Chesapeake Bay,	W74-13417 7-24 1A	W74-13295 7-24 51
W74-08628 7-16 5B	NEOCI A N	
NELSON, J. H.	NEOGI, A. N. Wood Waste Reuse in Controlled Release	NEU, H. J. A.
Qualitative and Quantitative Variation of Net	Pesticides.	A Study on Mixing and Circulation in the St Lawrence Estuary Up to 1964,
Plankton of Craighead Lake,	W74-05286 7-10 5D	W74-04944 7-10 21
W74-00075 7-01 2H		7-10 21
	NEPSZY, S. J.	NEUFELD, N.
NELSON, L. B.	First Records of the Chinese Mitten Crab,	Methods for the Detection of Certain
Agricultural Chemicals in Relation to Environ-	Eriocheir Sinensis, (Crustacea:Brachyura)	Pathogens of Salmonid Fishes,
mental Quality: Chemical Fertilizers, Present and Future,	From North America, W74-06171 7-12 21	W74-13100 7-24 5/
W74-08325 7-16 5B	W/4-001/1 /-12 21	NEUHAUSLOVA-NOVOTNA, Z.
W/4-00323 /-10 3B	NERPIN, S. V.	On the Stellario-Alnetum Glutinosae (Mikysk
NELSON, L. D. M.	Investigation of the Relation Between Moisture	1944) Lohmeyer 1957 in the Czech Socialisti
The Patrimonial Sea,	Potential and 'Reduced Film Thickness' for	Republic (CSR),
W74-10067 7-19 6E	Disperse Systems with Nonporous Particles,	W74-01078 7-02 2
NELCON I M	(Issledovaniye zavisimosti mezhdu potentsi-	
NELSON, L. M. Sediment Transport by Streams in the	alom vlazhnosti i 'privedennoy tolshchincy	NEUMAN, D. R.
Deschutes and Nisqually River Basins,	plenki' dlya di spersnykh sistem s neporistymi	Lead Concentration in Native Trout, W74-12275 7-23 50
Washington, November 1971-June 1973,	chastitsami), W74-02304 7-05 2G	W74-12275 7-23 50
W74-12058 7-23 2J	W 74-02304 7-03 20	NEUMAN, S. P.
	NERPINA, N. S.	Effect of Partial Penetration on Flow in Uncor
Sediment Transport by Streams in the Upper		fined Aquifers Considering Delayed Gravit
Columbia River Basin, Washington, May 1969-	Complex Liquids and Error Estimation of Cal-	Response,
June 1971,	culations Based on Darcy Linear Approxima-	W74-07514 7-14 2
W74-07911 7-15 2J	tion,	Saturated-Unsaturated Seepage by Finite Ele
NELSON, M. A.	W74-12826 7-24 2G	ments.
Water Treatment Filter Bed for Sewage	NESBITT, J. B.	W74-02313 7-05 20
Systems,	Cost of Spray Irrigation for Waste Water	
W74-11405 7-21 5D	Renovation,	NEUMANN, J.
NET CON M D	W74-12889 7-24 5D	Computation of the Sensible Heat Flux and I
NELSON, M. D. Oxygen Activated Sludge Selected by Philadel-	December of Green to Edit of E	Relation to Other Components of the Hea
Oxygen Activated Siddge Selected by Philadel-	Renovation of Secondary Effluent for Reuse as	Balance at the Surface,

a Water Resource, W74-10197

Disposal System,

Demonstration of a Non-Aqueous Sewage

NESHEIM, E. E.

W74-06519

7-20 5D

phia, W74-10472

NELSON, N. S.

Assessment of Potential Radioological Health Effects From Randon in Natural Gas, 7-11 5C 7-06 2D

W74-02940

NEUSTADTER, H. E.

tal Analysis),

W74-10666

Use of Whatman-41 Filters in Air Quality Sam-

pling Networks (With Applications to Elemen-

7-19 5D

7-13 5D

NEVESSKII, E. N.

NEVESSKII, E. N.	NEWMARK, N. M.	NEZHIKHOVSKIY, R. A.
Some Data on the Post-Glacial Evolution of	Classification, Engineering Properties and Field	Effect of an Error in the Determination of the
Karkinit Bay and the Accumulation of Bottom	Exploration of Soils, Intact Rock and In Situ	Maximum Water Equivalent of Snow in a Basin
Sediments Within it,	Rock Masses,	on the Forecast Accuracy of the Spring Flood
W74-04429 7-09 2J	W74-10356 7-20 8E	Volume, W74-00110 7-01 2C
NEVEU, A.	NEWPORT, B. D.	W /4-00110 /-01 2C
Introduction to the Faunistic Study of Diptera	State-of-the-Art: Sand and Gravel Industry,	Forecasting Maximum Flood Levels on the
in a Stream From the Pyrenees Near the Atlan-	W74-12224 7-23 5B	Dniester River (Prognoz maksimal'nykh
tic Coast: The Lissuraga, (In French),	W 14-12224 7-23 3B	pavodochnykh uroveny vody r. Dnestra),
W74-11179 7-21 2E	NEWPORT, T. G.	W74-05145 7-10 4A
	Summary Ground-Water Resources of Clarion	Enversion the Maximum Level of Ice Ioms on
NEVIN, T. A.	County, Pennsylvania,	Forecasting the Maximum Level of Ice Jams on the Severnaya Dvina River at Arkhangel'sk
Experimental Hydroponic Gardening with Mu-	W74-01721 7-04 4B	(Prognoz maksimal'nogo zatornogo urovnya
nicipal Waste Water,		vody r. Severnoy Dviny u g. Arkhangel'ska),
W74-10917 7-21 5D	Summary Ground-Water Resources of	W74-05144 7-10 2C
NEVINS, F. S.	Washington County, Pennsylvania,	
Los Banos Reservoir Recreation Development	W74-13201 7-24 4B	Volume of Water in Rivers, Lakes, and Reser-
Plan.	Summary Ground-Water Resources of West-	voirs of the Soviet Union (Ob"yem vody v re-
W74-03956 7-08 6B	moreland County, Pennsylvania,	kakh, ozerakh i vodokhranilishchakh Sovet-
7-00 00	W74-13202 7-24 4B	skogo Soyuza), W74-09111 7-17 2H
NEVSKY, A. B.		W74-09111 7-17 2H
Method for Biochemical Treatment of Industri-	NEWSOM, H. C.	NG, K. S.
al Waste Water,	Photolysis of the Herbicide Dinitramine	Detoxification of Kraft Mill Effluents by Foam
W74-00966 7-02 5D	(N3,N3-Diethyl-2,4-Dinitro-6-Trifluoromethyl-	Separation,
	M-Phenylenediamine),	W74-03084 7-06 5D
NEW, L.	W74-00282 7-01 5B	
Drip Irrigation: Texas Style,	NEWSOME, C.	NG, Y. C.
W74-10752 7-20 3F	Effect of Water Hardness on the Toxicity of an	Modeling Radiation Exposure to Populations
NEWBOLD, J. D.	Anionic Detergent to Fish,	from Radioactivity Released to the Environ- ment.
Oxygen Depletion Model for Cayuga Lake,	W74-11310 7-21 5C	W74-11655 7-22 5B
W74-08007 7-15 5C	721 30	W 74-11033 7-22 3B
	NEWTON, D. G. JR.	NGUYEN, H. T.
NEWCOMBE, C. P.	Low-Pressure Ultrafiltration Systems for	Some Nutritional Characteristics of Spirulina
Crawling and Respiration as Indices of	Wastewater Contaminant Removal,	maxima Algae Grown in Effluents from Biolog-
Sublethal Effects of Oil and A Dispersant on an	W74-09634 7-18 5D	ical Treatment Plant,
Intertidal Snail Littorina Littorea,	NEWSON & W	W74-11872 7-22 5C
W74-06084 7-12 5C	NEWTON, D. W.	NIAUSSAT, P.
NEWCOME, R. JR.	Flood Studies for Safety of TVA Nuclear Plants: Hydrologic and Embankment Breaching	Microbiological Comparison Between a Few
Water for Industrial Development in Calhoun,	Analysis,	Aquatic Mediums, (In French),
Chickasaw, Choctaw, Grenada, Montgomery,	W74-00805 7-02 8A	W74-08669 7-16 5C
Webster, and Yalobusha Counties, Mississippi,		
W74-05525 7-11 3E	Loss of Mercury(II) from Solution,	NICHANDROS, H. N.
	W74-06266 7-12 5B	A Model for Evaluating Runoff-Quality in
NEWELL, B. S.		Metropolitan Master Planning,
The Excretion of Organic Nitrogen by Marine	NEWTON, J. G.	W74-10396 7-20 5D
Algae in Batch and Continuous Culture,	Sinkhole Problem Along Proposed Route of In-	NICHOLAS, L. E. JR.
W74-04102 7-08 5C	terstate Highway 459, Near Greenwood, Alabama,	Effects of Acid Mine Drainage on the Stream
NEWELL, W. T.	W74-05857 7-11 2F	Ecosystem of the East Fork of the Obey River,
Assessment of Selected Rann Environmental	W/4-0303/	Tennessee,
Modelling Efforts,	NEWTON, M. P.	W74-06491 7-12 5C
W74-11038 7-21 6A	The Determination of Lead and Nickel by	NIGHOL 100 C 1
	Atomic-Absorption Spectrometry with a	NICHOLASS, C. A. The Accuracy of Radar-Derived Rainfall Mea-
NEWLANDS, M. J.	Flameless Wire Loop Atomizer,	surements in Hilly Terrain,
Decomposition of Phosphorus in Water,	W74-01363 7-03 5A	W74-13009 7-24 2B
W74-00707 7-02 5C	NEWTON B V B	7-24 20
NEWMAN A V	NEWTON, P. V. R. The Chemical Composition and Flow of the	NICHOLLS, K. H.
NEWMAN, A. K. Computer Analysis for Acoustic Sensing of	River Frome and Its Main Tributaries,	Observations on Red Colored Cells of Peridini-
Multilaver Sediments.	W74-12928 7-24 2K	um Wisconsinense Eddy from Buckhorn Lake,
W74-10637 7-20 2J	7-24 ZR	Ontario,
7-20 23	The Chemical Composition and Flow of the	W74-03320 7-07 5C
Computer Analysis of Oblique Acoustic Reflec-	South Winterbourne in Dorset,	NICHOLLS, K. H. AND
tion for Ocean Sediment Identification,	W74-02190 7-05 2K	Nutrients in Subsurface and Runoff Waters of
W74-05697 7-11 2J	NEWTON C C	the Holland Marsh, Ontario,
NEWMAN C H	NEWTON, S. G. A Mathematical Examination of Urban Run-	W74-04478 7-09 5B

Off Prediction,

W74-13449

W74-11433

7-23 8E NEYMAN, J. E.

7-24 4C

7-21 3B

Seventh Annual Survey Report on the Air Weather Service Weather Modification Pro-gram (FY 1974),

NICHOLS, B. W.

NICHOLS, D. S.

W74-06018

ACHOLS, B. W.
Lipid Composition and Metabolism,
7-23 5C

Nitrogen and Phosphorus Release from Decaying Water Milfoil,

7-12 5C

W74-12542

NEWMAN, L. T.

Pore-Volume Compressibility of Consolidated,

Friable, and Unconsolidated Reservoir Rocks

EWMAN, L. T.
Toxic Materials Information Center,
7-23 10D

Under Hydrostatic Loading,

NICHOLS, F. M.	NICKEL, C. D.	NIELSEN, J. N.
Smoke Testing Pinpoints Surface Water In-	Improving Water Management Efficiency	Application of Boundary-Layer Theory to
flow,	Through use of Bio-Indicators,	Dispersion in Nonstratified Two-Dimensional
W74-11082 7-21 8A	W74-09804 7-19 2D	Estuaries,
	NICKERSON, G. L.	W74-04983 7-10 2L
NICHOLS, G. D.	Chemical Addition to Trickling Filter Plants,	Application of Boundary-Layer Theory to
Electron Spectroscopy (ESCA): Use for Trace	W74-09710 7-18 5D	Dispersion in Well-Mixed Estuaries,
Analysis,	W/4-09/10 /-16 JD	W74-12858 7-24 5B
W74-12499 7-23 5A	NICKLESS, G.	W 74-12030 7-24 3B
	Heavy Metal Estimation in Biological Systems,	NIELSEN, S. A.
NICHOLS, J. D.	W74-09580 7-18 5B	Numerical Simulation of the Rainfall-Runoff
Combining Human and Computer Interpreta-		Process on a Daily Basis,
tion Capabilities to Analyze ERTS Imagery,	Use of Amberlite XAD-4 for Extraction and	W74-01127 7-03 2A
W74-06658 7-13 7C	Recovery of Chlorinated Insecticides and	
	Polychlorinated Biphenyls from Water,	NIELSON, D. R.
NICHOLS, J. P.	W74-07383 7-14 5D	Direct Measurement of Water Movement in the
Commercial High-Level Waste Projections,		Zone of Aeration,
W74-10113 7-19 5G	NICKLIN, T.	W74-08256 7-16 2G
Projections of Radioactive Wastes to be	Purification Process,	
	W74-13250 7-24 5D	NIELSON, F. D.
Generated by the U.S. Nuclear Power Industry,	NICOL V. I	Behavior of Cohesive Material From a Soil En-
W74-11962 7-22 5G	NICOL, K. J.	gineer's Viewpoint,
NICHOLS, M.	Agricultural Water Allocation, Land Use, and	W74-03798 7-08 2J
Effectiveness of Sequential Photography for	Policy, W74-00186 7-01 3F	*********
Coastal Oceanography,	W74-00186 7-01 3F	NIEMANN, B. J. JR.
W74-05711 7-11 2L	NICOL, S. M.	The Use of ERTS-1 Data for the Inventory of
W/4-03/11 /-11 2L	Efficient Flood Control of Dams Equipped	Critical Land Resources for Regional Land Use
Environment, Water and Sediments of	with Crest Gates,	Planning,
Christiansted Harbor, St. Croix,	W74-02911 7-06 8C	W74-06634 7-13 4A
W74-06292 7-12 5C	W/4-02511	NIPMPI A C I
W 14-00252	NICOLL, E. H.	NIEMELA, S. I. Acidophilic Thiobacilli in the River Sirppujoki,
Sediment Transport in a Coastal Plain Estuary,	Rivers Pollution Survey in Scotland in	W74-01946 7-04 5B
W74-01185 7-03 2L	Retrospect and Prospect,	W /4-01940 /-04 3B
7-03 22	W74-10896 7-20 5G	NIEMI, A.
NICHOLS, M. M.		Effects of Toxicants on Brackish-Water
Characteristics of Sedimentary Environments	NICOLLE, F. M. A.	Phytoplankton Assimilation,
in Moriches Bay,	Water Reuse and Recycle in Kraft Bleacheries,	W74-04644 7-09 5C
W74-03707 7-07 2L	W74-07394 7-14 5D	11701017
	Water Barrels in the D(C)EDED	NIENABER, J. A.
Development of the Turbidity Maximum in a	Water Reuse and Recycle in the D(C)EDED	Design and Management of Runoff Control
Coastal Plain Estuary,	Bleach Sequence,	Systems,
W74-09587 7-18 2L	W74-07377 7-14 5D	W74-00130 7-01 5G
	NIDDRIE, D. G.	
Effect of Increasing Depth on Salinity in the	Puget Sound,	NIERING, W. A.
James River Estuary,	W74-09955 7-19 5C	The Ecological Role of Inland Wetlands,
W74-07250 7-14 2L	117 0000	W74-08164 7-16 2L
	NIEDERMEIER, W.	
Shelf Sediments Off Chesapeake Bay: 1.	Emission Spectrometric Determination of	NIEUWENHULS, G. J.
General Lithology and Composition,	Trace Metals in Biological Tissues,	Process for Treating Water Contaminated with
W74-10678 7-20 2L	W74-01546 7-03 5A	Hexavalent Chromium,
		W74-08024 7-15 5E
Surface Observations, Ground Truth and Data,	NIEDRINGHAUS, T. E.	MIRWOLAN C
NASA-USGS Mission 144, Chesapeake Bay	Rainfall Intensities in the Conterminous United	NIEWOLAK, S.
Region, Sept. 22-30, 1970,	States and Hawaii (Supplement 1 to ETL-SR-	The Occurrence of Heterotrophic Bacteria in
W74-06300 7-12 5A	72-5: Distribution of Mean Monthly Precipita-	the Waters of the Ilawa Lakes and Some of
	tion and Rainfall Intensities),	Their Physiological and Biochemical Proper
NICHOLSON, D. G.	W74-11747 7-22 2B	ties,
Determination of Mercury in Biological Tis-	NUMBER OFFICE A D	W74-02931 7-06 50
sues,	NIELSEN, A. D.	NIEZGODA, J.
W74-06790 7-13 5A	Socioeconomic Impacts of the Federal Recla-	Efficacy of Some Methods Controlling Leeches
Manarata and P. P.	mation Program in the United States,	in Water,
NICHOLSON, F. D.	W74-12793 7-24 6B	W74-13096 7-24 50
The Performance of Powdered Ion-Exchange	NIFI SEN D. P.	1-24 30
Resins,	NIELSEN, D. R. Nitrogen Transformation in Soil During	NIGHTINGALE, H. I.
W74-11028 7-21 5D	Leaching: II. Steady State Nitrification and	Ground-Water Recharge for Urban Use: Leaky
NIGHOLOGY E H	Nitrate Reduction,	Acres Project,
NICHOLSON, F. H.	W74-07620 7-15 5B	W74-02468 7-05 4E
Studies at the Timmins 4 Permafrost Experi-		
mental Site,	Nitrogen Transformations During Continuous	Nitrates in Soil and Ground Water Beneath Ir
W74-04363 7-09 2C	Leaching,	rigated and Fertilized Crops,
NICHOLOGN E H AND	W74-07623 7-15 5B	W74-01245 - 7-03 3I
NICHOLSGN, F. H. AND		
Permafrost and Snowcover Relationships Near	Nitrogen Transformations in Soil During	NIJKAMP, P.
Schefferville,	Leaching: I. Theoretical Considerations,	Some Models for the Economic Evaluation o
W74-04362 7-09 2C	W74-07619 7-15 5B	the Environment,
NICHOLSON H B	Nitrona Tanadamatica is Call D.	W74-04083 7-08 50
NICHOLSON, H. P.	Nitrogen Transformations in Soil During	NIIC M
Predicting Pesticide Runoff From Agricultural	Leaching: III. Nitrate Reduction in Soil	NIJS, M. Effects of Road Salt in Winter,
Land: A Conceptual Model,	Columns, W74.07621 7-15 SR	W74-10460 7-20 40

NIKIFOROV, M. M.	
NIKIFOROV, M. M.	
System of Combined and Pro	found Treatmen
of Pulp and Paper Industry W Activated Sludge,	
W74-12428	7-23 51
NIKITIN, D. P.	
Epidemiological Aspects of	the Problem of
Sanitary Protection of Bodi	
Russian).	
W74-12748	7-23 5
Water Supply of the Popula	ation as a Soci
Factor in the Prevention of	Intestinal Infe
tions, (In Russian),	
W74-05456	7-11 5
NIKITIN, E. D.	
The Effect of Parent Rock on	Soil Formation
the Taiga-Forest on the Righ	t Bank of the O
River, (In Russian),	
W74-10324	7-19
NIKITIN, M. R.	

Highly Mineralized Groundwater and Its Utilization (Podzemnyye vody povyshennoy mineralizatsii i ikh ispol'zovaniye), W74-05565 7-11 3A

Problems in Regional Dynamics of Artesian Water (Problemy regional'noy dinamiki artezianskikh vod),
W74-01141 7-03 2F

Regional Estimate of Brackish- and Saline-Groundwater Yield (Regional'naya otsenka ekspluatatsionnykh resursov solonovatykh i solenykh podzemnykh vod), W74-01137 7-03 4B

Some Aspects of the Problem of Artificial Desalination of Natural Waters of High Dissolved-Salts Content (Nekotoryye aspekty problemy iskusstvennogo opresneniya prirodnykh vod povyshennoy mineralizatsii), W74-08711

NIKITIN, YA. V.

Calculation of Freshwater Consumption (Naladit' uchet raskhoda svezhei vody), W74-06381 7-12 5D

Reduction of Pollutants in Umen'shenie postupayushchikh zaggryaznenii), W74-05432 7-11 5B

NIKLEVA, S. N

Mean Precipitation and Snowfall Maps for a Mountainous Area of Potential Urban Development, W74-09612 7-18 2C

NIKOL'SKII, G. V.

Some Aspects of the Theory of Exploitation of Fish Resources, (In Russian), W74-04278 7-08 81

NIKOLAEV, V. N.

Natural Forage Reserve of Turkmen SSR and Ways of its Improvement to Develop Sheep-Raising, (In Russian), W74-08547 7-16 3F

NIKOLAEVA, M. V.

Reduction of Pollutants in Effluents (Umen'shenie postupayushchikh zagryaznenii), W74-05432 7-11 5B

NIKOLAYEV, D. S.

The Ionium-Thorium Method of Determination of Absolute Age and Rate of Deposition of Bottom Sediments (K voprosu opredeleniya absolyutnogo vozrasta i skorosti sedimentatsii donnykh otlozheniy ioniy-toriyevym metodom),
W74-06308 7-12 2J

NIKOLOV, G.

Density of Growth and Level of Fertilization as Influencing the Water Consumption of Maize, (In Bulgarian), 7-10 3F

NILES, D. G. Full-Scale Testing of a Water Reclamation System, W7a-10349 7-19 5D

NILSEN, H.

Effluent Treatment Plants in the Forest Products Industry (Puunjalostusteollisuuden jatevesipuhdistamot), W74-03087 7-06 5D

Waste Water Loads and Their Possible Reductions in the Finnish Forest Industry (Suomen metsaeteollisuuden jaetievesikuormitus ja sen kehitysnaekmat),
W74-09465 7-18 5B

NILSSON, K.

Effects of a Sulphate Pulp Mill on the Benthic Macrofauna in a Firth of the Bothnian Sea, W74-12663 7-23 5C

NILSSON, K. O.

Cadmium Uptake by Wheat from Sewage Sludge Used as a Plant Nutrient Source. A Comparative Study Using Flameless Atomic Absorption and Neutron Activation Analysis, W74-09758 7-18 5C

NIMAH, M. N

Model for Estimating Soil Water, Plant, and Atmospheric Interrelations: I. Description and Sensitivity, W74-08084 7-15 2G

Model for Estimating Soil Water, Plant, and Atmospheric Interrelations: II. Field Test of Model, W74-08085 7-15 2G

NIMURA. Y.

A Direct Estimation of Microgram Amounts of Ammonia in Water Without Salt-Error, W74-13084 7-24 5A

NIOGRET, G.

Fluid Separation Apparatus and Membrane Support Frames Therefor, W74-13244 7-24 5D

NISBET, R. A.

Productivity and Water Stress in Cacti, W74-07109 7-14 21

NISHCHUK, V. S.

Investigation of the Velocity Structure in the Bottom Region of A Turbulent Wave Flow, W74-04250 7-08 8B

NISHIKADO, H.

Method of Treating Oil-Containing Contaminated Drainage,
W74-03660 7-07 5D

NISHIKAWA, T.

Water Purifying Device, W74-10492 7-20 5D

NISHIMURA, H.

Zinc and Cadmium in Normal Human Embryos and Fetuses, Analyses by Atomic Absorption Spectrophotometry, W74-09785 7-18 5C

NISHIYAMA, K.

Whole-Body and Hair Retention of Cadmium in Mice, Including an Autoradiographic Study on Organ Distribution, W74-11718 7-22 5C

NISHIZAWA, H.

Pure Water Supply Device, W74-09192 7-17 5F

NISHIZUMI, M.

Electron Microscopic Study of Cadmium Nephrotoxicity in the Rat, W74-11719 7-22 5C

NITESCU, S.

Selection of the Iron and Manganese Removal Procedures To Be Used in Small Water Treatment Plants, (Alegerea schemelor de deferizare si demanganizare a apei la statiile de tratare mici), W74-09487 7-18 5D

NIX. J.

Distribution of Trace Metals in a Warm Water Release Impoundment, W74-09801 7-19 2H

NIXON, D. E.

Inductively Coupled Plasma-Optical Emission Analytical Spectrometry. A Compact Facility for Trace Analysis of Solutions, W74-05309 7-10 5A

NIXON, J. F. AND

Practical Extensions to a Theory of Consolidation for Thawing Soils, W74-04384 7-09 2C

NIXON, S. J.

Groundwater Pollution in the Western States-Private Remedies and Federal and State Legislation, W74-02506 7-05 5G

NIXON, S. W.

Ecology of Small Boat Marinas, W74-06074 7-12 5C

NIYAZOVA, M. M.

Gross Chemical Composition of Murgab Oasis Desertified and Ancient-Irrigation Soils (In Russian), W74-04123 7-08 3C

NOBARI, E. S.

Hydraulic Fracturing in Zoned Earth and Rockfill Dams, W74-05855 7-11 8D

NOBLE, R. L.

Depositional Features of Braided-Meandering Stream, W74-07163 7-14 2J

NOBLES, F. W.

Corrosion Resistant, Nonmetallic Water Well Systems, W74-10863 7-20 8G

NOBUNAKA, M.

The Friction Factors of Oscillating Pipe Flows, W74-08259 7-16 8F NOLTING, D. J.

NODA E K

NORDOUIST, W. S. JR.

Equilibrium Beach Profile Scale-Model Rela-	Cotton: A Computer Simulation of Cotton	Fog Clearing Using Helicopter Downdrafts: A
tionship, W74-03457 7-07 2J	Growth, W74-05213 7-10 3F	Numerical Model, W74-12081 7-23 3B
Wave Induced Circulation and Longshore Cur-	NOMIYAMA, K.	NORDSTEDT, R. A. Analysis of Animal Waste Storage and Land
rent Patterns in the Coastal Zone, W74-00023 7-01 2L	Urinary Low-Molecular-Weight Proteins in Itai-Itai Disease,	Disposal Systems,
	W74-12490 7-23 5C	W74-00393 7-01 5D
NODA, H. Model Study on the Filling-Up of a Fishery	NOONE, J. A.	Lagoon Disposal of Dairy Wastes in Florida, W74-10302 7-19 5D
Harbor by Drifting Sand, W74-03691 7-07 2L	Water Discharge Permit Program Begins Despite Lack of Effluent Standards,	NORDYKE, M. D.
	W74-09138 7-17 5G	A Review of Soviet Data on the Peaceful Uses
A Study on Mass Transport in Boundary Layers in Standing Waves,	NORBERG, G. F.	of Nuclear Explosions,
W74-04615 7-09 2J	Whole-Body and Hair Retention of Cadmium in	W74-06823 7-13 6B
NODA, S.	Mice, Including an Autoradiographic Study on	NORERO, A. L. Effect of Irrigation Frequency on the Average
Basic Characteristics of Ozonizers and Evalua- tion of 'Mitsubishi Ozonizer'.	Organ Distribution, W74-11718 7-22 5C	Evapotranspiration for Various Crop-Climate- Soil Systems,
W74-13412 7-24 5D	NORD, A. E.	W74-04140 7-08 3F
NODWELL, B. H.	A Comparison of the Macroinvertebrate Auf-	NORINA A P
Planned Data Storage Methods for the Interna-	wachs in the Unstabilized and Stabilized Mis-	NORINA, A. E. Experience with the Operation of Purification
tional Field Year for the Great Lakes,	souri River, W74-11161 7-21 5C	Equipment, (Opyt ekspluatatsii ochistnykh
W74-01296 7-03 7C		sooruzhenii), W74-02272 7-05 5D
NOEHRE, A. W.	NORD, P. J. Interferences in the Determination of Metallic	
Floods in Harvard Quadrangle, Northeastern	Elements in Human Hair, An Evaluation of	NORIYUKI, I. Surface Sediments in Hamana Lake, the
Illinois, W74-13190 7-24 7C	Zinc, Copper, Lead and Cadmium Using	Pacific Coast of Central Japan,
	Atomic Absorption Spectrophotometry, W74-09760 7-18 5A	W74-09751 7-18 2H
NOEL, D.	W/4-09/00 /-18 3A	NORK, W. E.
Importance of Diatoms in the Present Varve Deposition (Alternation of Annual Layers) of	Mercury in Human Hair, A Study of the Re-	Reconnaissance Analysis of Effects of Waste-
Green Lake (Near Fayetteville, N.Y.), Model of Confined Sedimentation, (In French),	sidents of Los Alamos, NM, and Pasadena, Calif., by Cold Vapor Atomic Absorption	Water Discharge on the Shallow Ground-Water Flow System, Lower Las Vegas Valley,
W74-03577 7-07 2H	Specrophotometry, W74-09759 7-18 5A	Nevada, W74-00748 7-02 5B
NOER, S.	W/4-03/33	
The Standard Potential of the Single-Crystal	NORDBERG, G.	NORLAND, R. L. Aquatic Midge Larvicides, Their Efficacy and
Copper Electrode in Aqueous Solutions, W74-06149 7-12 2K	Cadmium in the Environment, II, W74-12492 7-23 5B	Residues in Water, Soil, and Fish in a Warm- Water Lake,
NOETHLICH, I.	NORDBERG, G. F.	W74-09443 7-18 5G
Relationships Between Turbidity and Hydro-	Inorganic Mercury-Relation Between Exposure	NORMAN, J. D.
graphical Factors in Fresh and Brackish Water	and Effects, W74-07686 7-15 5C	Chemical Precipitation for Biological and Post-
Region of the Elbe Estuary, (In German), W74-01260 7-03 5B	W/4-0/086 /-13 3C	biological Treatment,
	Metabolism,	W74-08850 7-17 5D
Trophic Structure and Bioactivity of the Plank-	W74-07683 7-15 5B	Simulation of a Petroleum Refinery Waste
ton Communities in Lower Reach of Elbe Estuary: Criteria for Saprobic Classification of	NORDBERG, L.	Treatment Process, W74-03467 7-07 5D
a Tidal Water (In German),	Variation of Groundwater Levels and a Calcu-	
W74-01003 7-02 5C	lation of the Effective Fissure Porosity at the File Hajdar, Gotland,	NORMARK, W. R. Ranger Submarine Slide, Northern Sebastian
NOFZIGER, D. L.	W74-04260 7-08 2F	Vizcaino Bay, Baja California, Mexico,
Flux-Gradient Relationships and Soil-Water	NORDHEIM, E. I.	W74-07938 7-15 2J
Diffusivity from Curves of Water Content Ver- sus Time,	Preparation of Slide Periphyton for Various	NORPOTH, K.
W74-07512 7-14 2G	Productivity Analyses, W74-03315 7-07 7B	Fluorescence Spectroscopic Determination of Anti-Ovulatory Steroids in Water and Water
NOGAI, M.		and Waste Water on the Thin Layer Chro-
Treatment of Beet Factory-Waste Water by Activated Sludge Process (Biosorption	NORDIN, C. F. Field Studies of Sediment Movement Using	matography Plate, (in Russian), W74-11195 7-21 5A
Process), (In Japanese),	Fluorescent Tracers,	Investigations on the Problem of Solubility and
W74-08777 7-17 5D	W74-11544 7-22 2J	Stability of Steroid Ovulation Inhibitors in
NOGUCHI, M.	Streamflow Simulation: 3. The Broken Line	Water, Waste Water and Activated Sludge, (In German),
An Ion-Exchanger/Epoxy Resin Pelletization Method for Sample Preparation in X-Ray	Process and Operational Hydrology, W74-07520 7-14 2A	W74-08133 7-15 5A
Fluorescence Analysis. Microanalysis of Metal		NORRIS, E. R.
Ions in Industrial Waste Water,	Suspended-Sediment Sampling Variability,	Delays in the Operation of Subsurface
W74-12953 7-24 5A	W74-03801 7-08 2J	Drainage Trenching Machines, W74-09794 7-18 8C
NOLEN, R. H.	NORDQUIST, M. H.	
Wellsite Diagnosis of Pumping Problems Using Minicomputers,	An Overview of the July-August 1971 Prepara- tory Session of the Law of the Sea,	NORRIS, J. C. Bleaching Effluent for Irrigation,
W74-10840 7-20 8C	W74-05651 7-11 6E	W74-00787 7-02 5D

NORRIS, J. D.

NORRIS, J. D.		NORTON, G. A.	NOVAK, V.
Investigation of Spectral Overlap of		A Framework for Economic Planning of	Terrestrial Heat Flow in the Territory of
359.352-nm and Chromium 359.349-nm		Watershed Drainage,	Czechoslavakia and the Measurement of Ther-
Lines in Atomic Absorption and		W74-07069 7-14 .4A	mal Conductivity with Fully-Automatic Ap-
Fluorescence Spectrometry of Chromi		NORTON III	paratus,
W74-01337	7-03 2K	NORTON, J. L. The Identification and Measurement of	W74-09004 7-17 4B
NORRIS, K. S.		Chlorinated Hydrocarbon Pesticides Accumu-	NOVIKAVA, A. A.
An Experiment in Undersea Maricultu	re.	lated From Urban Runoff.	Fall-Winter Development of the Buds of Some
W74-01914	7-04 8I	W74-02665 7-06 5A	Trees in Relation to Soil Moisture Content, (In Byelorussian),
Refurbishing an Hawaiian Fishpond,		NORTON, L. B.	W74-11259 7-21 2G
W74-01915	7-04 8I	Test and Evaluation of Oil Pollution Abatement	
		Devices for Shipboard Use, Phase II,	NOVIKOV, M. G.
NORRIS, L. A.	there n	W74-10444 7-20 5D	Filter - For Clarifying Natural and Waste
The Toxicity of 2,3,7,8-Tetrachlorod			Waters,
Dioxin (TCDD) in Guppies (Poecili latus Peters),	a Keucu-	Test and Evaluation of Oil Pollution Abatement	W74-10348 7-19 5D
	7-23 5C	Devices for Shipboard Use, Phase 1,	NOVIKOV, V. S.
11-12214	1-23 30	W74-08450 7-16 5G	The Distribution of Carex bohemica Schreb. in
NORRIS, P. J.		Test and Evaluation of Oil Pollution Abatement	the Central Belt of the European Part of the
Aims of Water Pollution Control,		Devices for Shipboard Use, Phase 3,	USSR, (In Russian),
W74-08470	7-16 5G	W74-09321 7-18 5G	W74-11873 7-22 2H
NORDIC B C			
NORRIS, P. S.		NORTON, W.	NOVIKOV, YU. V.
An Experiment in Undersea Maricultu		Modeling Snowmelt Runoff in an Arctic	Hygienic Evaluation of the Quality of Water
W74-01914	7-04 8I	Coastal Plain,	Obtained by Means of Electrodialysis Desalting
NORRIS, R. M.		W74-08233 7-16 2C	of Imitation Sea Water, (In Russian),
Dams and Beach-Sand Supply in	Southern	NORMA D. I	W74-00478 7-01 3A
California,		NORUM, D. I.	Husiania Standardization of the Dermissible
W74-03708	7-07 2J	Hydrodynamics of Laminar Flow Over a	Hygienic Standardization of the Permissible Uranium Content in Drinking Water, (in Rus-
		Porous Bed,	sian),
NORRIS, S. E.		W74-02770 7-06 2E	W74-11185 7-21 5A
Availability of Water from Limes		NORUM, E. B.	W/4-11103 /-21 3A
Dolomite Aquifers in Southwest Ohi		Solute Movement Through Disturbed and	NOVIKOVA, K. G.
Relation of Water Quality to the Regi	onal Flow	Undisturbed Soil Cores,	Separate Determination of Residual Amounts
System, W74-00336	7-01 4B	W74-06935 7-13 5B	of Methylnitrophos in Apples and Water by the Colorimetric Method, (In Russian),
Regional Flow System and Ground	und-Water	NORVITCH, R. F.	W74-13239 7-24 5A
Quality in Western Ohio,	and water	Water Resources Outlook for the Minneapolis-	
W74-13181	7-24 4B	Saint Paul Metropolitan Area, Minnesota,	NOVIKOVA, Z. S.
		W74-05172 7-10 4B	Catalog of USSR Glaciers. Volume 17. Lena-
NORSETH, T.			Indigirka Region. No. 2. Middle Lena. Part 1;
Excretion and Absorption of Methy	l Mercury	NOSE, T.	No. 5. Lower Lena. Part 2. (Katalog lednikov
After Polythiol Resin Treatment,		Qualitative Requirements of Young Eels An-	SSSR. Tom 17. Lensko-Indigirskiy rayon.
W74-09575	7-18 5C	guilla japonica for Water-Soluble Vitamins and Their Deficiency Symptoms,	Vypusk 2. Srednyaya Lena. Chast' 1; Vypusk 5. Nizhnyaya Lena. Chast' 2.),
NORTH, R. M.		W74-07006 7-13 5C	W74-11218 7-21 2C
The Identification and Quantification	on of the	7-13 30	W/4-11216 /-21 2C
Net Effects of Multiple-Purpose Ri		NOSHKIN, V. E.	NOVITZKI, R. P.
Development,		Plutonium in North Atlantic Ocean Organisms;	Improvement of Trout Streams in Wisconsin by
W74-04854	7-10 4A	Ecological Relationships,	Augmenting Low Flows with Ground Water,
		W74-07800 7-15 5C	W74-09224 7-17 3B
Survey of Economic-Ecologic Impac	ts of Small		
Watershed Development,	7-22 6B	NOTENBOOM, H. R.	NOVOTNY, D.
W74-11680	7-22 OB	Pyridine Ketoximes as Analytical Reagents:	Determination of the Mechanical Compatibility
NORTHBY, S. L.		The Spectrophotometric Determination of	of Porous Rocks with Waste Water in its Sub-
Ecology of Small Boat Marinas,		Cobalt with 2-Pyridyl-2-Thienyl-Beta-Ketox-	surface Disposal, W74-02165 7-05 5B
W74-06074	7-12 5C	ime, W74-02364 7-05 5A	W /4-02103 /-03 3B
		W/4-02304 /-03 3A	NOVOTNY, J.
NORTHCOTT, T. H.		NOTHDURFT, W. E.	Chromatographic Determination of Dihydric
Water Lilies as Beaver Food.	7 12 217	Puerto Rico: A Case Study of Water Resource	Phenols in Waste Water (Stanoveni Obsahu
W74-06490	7-12 2H	Technology Transfer,	dvojmocnych fenolu v odpadnich vodach
NORTHERN, W. L.		W74-00197 7-01 10A	pomoci chromatografie),
	Anaerobic	NOVAR A P	W74-06396 7-12 5A
Lagooning of Dairy and Milking Was		NOVAK, J. T.	NOWAY
W74-10303	7-19 5D	The Kinetics of Inorganic Carbon-Limited	NOWAK, A. Bollution Abstract in Effluents from Con-
		Algal Growth,	Pollution Abatement in Effluents from Con-
NORTHROP, G. M.		W74-13410 7-24 5C	structional Fiberboard Manufacture (Z badan nad redukcja obcizenia sciekow w przemysle
Technology Transfer in the Marine	Environ-	NOVAK, P.	plyt pilsniowych),
ment of Long Island,	714 (0	Turbulence Characteristics in a Smooth Open	W74-08426 7-16 3E
W74-07059	7-14 6B	Channel of Circular Cross-Section	7-10 32

(Caracteristiques de la Turbulence au Sein d'un

Ecoulement a Surface Libre En Conduite Lisse

De Section Circulaire, W74-08192

NOWAK, M.

7-16 8B

Selected Species of Algae Found in Carp Ponds of the Laskowa Complex Near Zator, W74-01607 7-03 21

9

NORTHUP, R. E. JR.

Project Foggy Cloud V, Panama Canal Warm Fog Dispersal Program, W74-12067 7-23 3B

NOWAK, S.	longe Maye	Numerical Indices Applied to the Survey of the Macro-Invertebrate		O'BRIEN, J. J. A Numerical Model of Coastal Upwelling,
Apparatus for Recording Avoid	ance Move-	Tamar Catchment (Southwest Eng		W74-02713 7-06 2E
ments of Fish, W74-04776	7-09 5A	W74-11322	7-21 5B	W 14-02/13 1-06 2E
W 74-04770	7-05 JA			O'BRIEN, K. H.
NOWAKOWSKI, W.		NUTTER, L. J.		Guidelines for the Design of Subsurface
Some Remarks Concerning the A		Hydrogeology of Antietam Creek		Drainage Systems for Highway Structural Sec-
on Transpiration Examined at the		W74-08607	7-16 2F	tions,
tive Stage of Triticum Durum Var.	Oued Zenati	Well Yields in the Bedrock Aquit	fers of Mary-	W74-10235 7-19 4C
368, (In Polish),	7-24 2D	land,		O'BRIEN, M. P.
W74-13259	1-24 210	W74-08446	7-16 4B	Equilibrium Flow Areas of Tidal Inlets on
NOWLIN, C. L.		NUMBER IV I		Sandy Coasts,
Effect of Wave Action on Tidal	Stages Along	NUTTER, W. L. The Relationship of Land Use to I	Comestic Sur-	W74-03695 7-07 8B
the Coast of Florida, March 1962,		face Water Supply in Georgia,	Joinesue Jui-	Hydraulic Constants of Tidal Entrances 1: Data
W74-04927	7-10 2L	W74-13047	7-24 4A	from Nos Tide Tables, Current Tables and
NOY-MEIR, I.				Navigation Charts,
Desert Ecosystems: Environment	t and Produ-	The Role of Soil Water in the	e Hydrologic	W74-12648 7-23 2L
cers,	· unu i iouu	Behavior of Upland Basins,	711 20	
W74-13150	7-24 2A	W74-05913	7-11 2G	Hydraulics and Sedimentary Stability of
		NWACHUKWU, B. A.		Coastal Inlets, W74-06321 7-12 8B
NOZAKI, M.		Laboratory Study of Scour at Cha	nnel Bends,	W /4-06321 /-12 8B
Mercury Poisoning Takes its Tol	l in Japanese	W74-12094	7-23 8B	O'BRIEN, R. J.
Fishermen and Families,		NIT - NIT - NI NI		Photochemical Aerosol Formation in the At-
W74-12491	7-23 SC	NYANDAT, N. N. Gypsum as Improver of the Pe	emachility of	mosphere and in an Environmental Chamber,
NUDD, B.		Grumusol (Typic Pellustert) in the		W74-10955 7-21 5B
RESERVOIR Sedimentation,		of Kenya,	c Kano Fiams	OIRDIEN D M
W74-11610	7-22 6B	W74-04193	7-08 2G	O'BRIEN, R. M. Water and Wastewater Systems Inventory - Re-
				gion H. North Carolina.
NUDDS, D.		NYANISHKENE, V. B.		W74-07063 7-14 5D
Uncertainty Analysis in the Econ tion of Irrigation Systems,	iomic Evalua-	Radionuclide Uptake by Some	Freshwater	
W74-10321	7-19 3F	Hydrobionts, (In Russian), W74-13240	7-24 5B	O'BRIEN, W. J.
W 74-10321	7-19 JF	W 74-13240	1-24 3B	Municipal and Industrial Water Supply,
NUGENT, J. B.		NYE, J. C.		W74-07968 7-15 6D
Oil Accumulator,		The Performance of Primary	Settling on	Wastewater Treatment: Lagoons and Oxidation
W74-05688	7-11 5G	Livestock Feedlot Runoff,		Ponds.
NEINN C		W74-10146	7-19 5D	W74-12936 7-24 5D
NUNN, G. Regional Water Authorities: (Propriestional	NYE, J. F.		
Patterns-Purpose or Professional,		Hydrology of the Intergranular V	eins in a Tem-	O'CONNELL, A. W.
W74-07754	7-15 5G	perate Glacier,		Gas-Solid Chromatography on Macroreticular Cation Exchange Resins,
		W74-09337	7-18 2C	W74-01495 7-03 5A
NUNN, J. R.		Water at the Bed of a Glacier,		7-05 51
A Large Undisturbed, Weighing	Lysimeter for	W74-09340	7-18 2C	O'CONNELL, P. E.
Grassland Studies, W74-06581	7-13 2G	1174-05540	7-10 20	A Bayesian Decision Framework for Synthetic
W 74-00361	7-13 20	NYESTSYAROVICH, M. D.		Hydrology,
NUNUA, N. SH.		Fall-Winter Development of the		W74-02438 7-05 6A
Atlantic Sturgeon (Acipenser stu-	rio) in Waters	Trees in Relation to Soil Moistur	e Content, (In	O'CONNELL, P. F.
of Georgia, (In Russian),		Byelorussian), W74-11259	7-21 2G	Demands on National Forests Require Coor-
W74-07016	7-13 2H	W 74-11239	1-21 20	dinated Planning,
NURBERDIEV, M.		NYHOLM, E.		W74-05926 7-11 4A
Spring Time Sowing of Psammop	hytes in Kara	Smelter Gases Yield Mercury,		O'CONNELL, R. L.
Kum, (In Russian),	.,	W74-07956	7-15 5D	Hydraulic Model Tests of Estuarial Waste
W74-13260	7-24 2G	NYQUIST, D.		Dispersion,
		Effects of Highway Bridge Con-	struction on a	W74-03622 7-07 5B
NUSBAUM, I.		Subarctic Stream,		
Control of Fouling of Reverse Co branes When Operating on Pol		W74-02295	7-05 4C	A Study of Tidal Dispersion in the Potomac
Waters,	inten Surrace	NVVCCOI A M		River, W74-01196 7-03 5B
W74-01908	7-04 3A	NYYSSOLA, M. Design Principles of White Water	Systems with	W74-01196 7-03 5B
		Special Reference to Effluent Con		O'CONNOR, B. A.
NUTTALL, J. B.		W74-12413	7-23 5D	Shear Velocity in a Tidal Estuary,
Backwater Effects at End-Dum	ped Constric-			W74-04629 7-09 2L
tions on Alluvial Channels, W74-12088	7-23 8B	NZARO, M. A.	-	Suspended Sediment in a Tidal Estuary,
# /4-12000	7-23 6B	Geothermal Resources in Tanzani W74-08979	7-17 2F	W74-03696 7-07 2L
NUTTALL, P. M.		W 14-007/7	7-17 ZF	**************************************
The Effect of China-Clay Wastes	on Stream In-	O'BRIEN, E. J.		O'CONNOR, D. J.
vertebrates,		A Modified Extraction Method f	or Determina-	Dynamic Water Quality Forecasting and
W74-01527	7-03 5C	tion of Mineral Oil in Sea Water,		Management,
The Effect of Sand Deposition	on lines the	W74-02388	7-05 5A	W74-00927 7-02 5C
Macro-Invertebrate Fauna of the		O'BRIEN, J.		Mathematical Modeling of Eutrophication of
Cornwall,		On Advection in Phytoplankton M	Models,	Large Lakes,
W74-01244	7-03 21	W74-00737	7-02 5C	W74-03537 7-07 5C

O'CONNOR, G. A.

O'CONNOR, G. A. Calcium Carbonate Equilibria in Soils and in Irrigation Waters,	O'LEARY, J. W. Calcium Loss from Plant Roots During Osmotic Adjustment,	O'RIORDAN, J. An Approach to Evaluation in Multiple Objec- tive River Basin Planning, An Analysis of
W74-12862 7-24 2G	W74-03924 7-08 2I	Selected Water Quantity Alternatives in the Okanagan Valley, British Columbia, Canada,
O'CONNOR, J. S.	O'LEARY, T. J.	W74-06425 7-12 6A
Dredging and Spoiling on Long Island,	X-Ray Photoelectron Spectra of Lead Oxides,	O'ROURKE, J. F.
W74-10439 7-20 5C	W74-12498 7-23 5A	Proposed Water-Resources and Land-Capabili-
Erosion of the North Shore of Long Island,	O'MELIA, C. R.	ty Investigation, Arusha Region, Tanzania,
W74-10440 7-20 2J	An Approach to the Modeling of Lakes,	W74-02627 7-05 2A
7770770	W74-01819 7-04 5B	OWNERS I C
O'CONNOR, J. T.	Coagulation in Estuaries,	O'SHAUGHNESSY, J. C. Criteria for Estimating Limiting Nutrients in
Removal of Arsenic (V) from Water by Ad-	W74-04257 7-08 5B	Natural Streams,
sorption on Aluminum and Ferric Hydroxides, W74-09775 7-18 5F		W74-06105 7-12 5C
W /4-07/73 /-16 3F	Phosphates in Sediments of Pamlico Estuary, W74-05296 7-10 5A	O'SULLIVAN, M. J.
O'CONNOR, M. P.	W14-03250	Simulation of Water Quality in Tarawera River,
Recent Estuarine Sediment History of the	O'MERA, J. F.	W74-08308 7-16 5B
Roanoke Island Area, North Carolina, W74-07245 7-14 2L	Water Control Apparatus Responsive to	CARRI P B
W /4-0/243 /-14 ZL	Leakage or Overflow Conditions, W74-03663 7-07 4A	OADRI, R. B. Rapid Methods for the Determination of Faecal
O'CONNOR, P. B.	W 74-03003	Contamination in Oysters,
Survival of Enteric Pathogens and Indicator	O'MOLIA, C. R.	W74-13238 7-24 5A
Organisms in Natural Waters,	Phosphates in Sediments of Pamlico Estuary, W74-10804 7-20 5C	OAKES, D. B.
W74-07840 7-15 5A	W 74-10804 7-20 3C	Regional Development of Groundwater
O'CONNOR, R.	O'NEAL, M. V.	Resources in Combination with Surface
An Economic Evaluation of Irish Salmon Fish-	Biological Treatment of Feedlot Runoff,	Waters,
ing. I: The Visiting Anglers,	W74-06847 7-13 5D	W74-11464 7-22 4B
W74-12796 7-24 6B	O'NEIL, J. R.	OAKES, E.
O'DELL, B. L.	Silica-Carbonate Alteration of Serpentine: Wall	The Pine-Popple River BasinHydrology of a
Evaluation of Zinc Availability in Foodstuffs of	Rock Alteration in Mercury Deposits of the California Coast Ranges,	Wild River Area, Northeastern Wisconsin, W74-09223 7-17 2E
Plant and Animal Origin,	W74-00304 7-01 2K	W74-09223 7-17 2E
W74-07706 7-15 5C		OAKES, E. L.
O'DONNELL, C. L.	O'NEILL, A. An Investigation of Factors Affecting the	Water Resources of Wisconsin-Menominee- Oconto-Peshtigo River Basin,
Observations on the Causes of Bridge Damage	Recreational Use of State Parks,	W74-12336 7-23 7C
in Pennsylvania and New York Due to Hur-	W74-12198 7-23 6B	
ricane Agnes, W74-09396 7-18 2E	O'NEILL, P. G.	OATES, F. L.
	Water Supply Problems and Future Resources,	Water Resource Development System, W74-12134 7-23 4A
O'FARRELL, T. P.	W74-05864 7-11 6D	
Nitrogen Removal by Ammonia Stripping, W74-06842 7-13 5D	O'NEILL, R. J.	OBERBECK, V. R. Limnological Studies and Remote Sensing of
W 74-00042 7-13 3D	Ozone Decolorization of Effluents from Secon-	the Upper Truckee River Sediment Plume in
Physical-Chemical Treatment of Raw Mu-	dary Treatment,	Lake Tahoe, California-Nevada,
nicipal Wastewater,	W74-11095 7-21 5D	W74-08302 7-16 2J
W74-06509 7-13 5D	O'NEILL, R. V.	OBERG, P. O.
O'FLAHERTY, C. A.	Error Analysis of Ecological Models,	Floatable Boom Structure,
Validity of the Modified Bilham Equation,	W74-07811 7-15 5B	W74-11054 7-21 5G
W74-10572 7-20 2B	O'NEILL, T. B.	Floating Boom Structures,
O'GORMAN, J. V.	Biodegradation of Oil in Sea Water for Naval	W74-10580 7-20 5G
Some Effects of Metals Discharged in Ef-	Pollution Control,	OBIAGA, T. I.
fluents and Possibilities for Their Recovery,	W74-11976 7-22 5G	Biological Removal of Lignin from Kraft Mill
W74-11366 7-21 5D	O'REAR, D. M.	Effluents: Changes in Molecular Size Distribu-
O'GRADY, T. J.	Surface-Water Availability, Colbert County,	tion,
Coast Guard 20 Man Shipboard Wastewater	Alabama. W74-08187 7-16 4A	W74-12957 7-24 5D
Treatment SystemPhase 1, Final Report,	W/4-0818/ /-16 4A	OBLANAS, J.
W74-12083 7-23 5D	Surface-Water Availability, Lauderdale Coun-	Lidar Evaluation of Fog Dissipation
O'HARA, J.	ty, Alabama, W74-04494 7-09 2E	Techniques, W74-01888 7-04 2B
The Influence of Temperature and Salinity on		W/4-01000 /-04 2B
the Toxicity of Cadmium to the Fiddler Crab, Uca pugilator,	Surface-Water Availability, Limestone County,	OBLINGER, J. L.
W74-07699 7-15 5C	Alabama, W74-08189 7-16 4A	Oxidation-Reduction Potential and Growth of Salmonella and Pseudomonas Fluorescens.
		W74-06134 7-12 5C
O'HARA, S. C. M.	O'REILLY, D. E.	
Qualitative Studies on the Metabolism of Napthalene in Maia Squinado (Herbst),	Self-Diffusion Coefficients and Rotational Cor- relation Times in Polar Liquids. VI. Water,	OBRADOVICH, J. D. Meteoric Water in Magmas.
W74-11339 7-21 5C	W74-08439 7-16 1A	W74-11112 7-21 2K
ON FARV C R		
O'LEARY, G. P. Lipopolysaccharide from a Gram-Negative	O'REILLY, M. F. Management of Protection Forests in West-	OBRECHT, M. F. Performance and Selection of Materials for
Marine Bacterium,	land,	Potable Hot Water Service,
W74-04896 7-10 5A	W74-06488 7-12 4A	W74-07855 7-15 8G

OCHIAI, H.	OERTLI, J. J.	Potential of Geophysical Methods for Studying
Red Tide in Ise Bay,	Contribution to Water Pollution from Agricul-	Fresh-Water Discharges in the Coastal Zones
W74-02587 7-05 7E	tural and Urban Sources in the Coachella Val-	of Seas,
	ley,	W74-12329 7-23 2L
ODA, K.	W74-07757 7-15 5B	
An Epidemiological Study on Clonorchiasis in		OGILBEE, W.
Kyoto City, (In Japanese),	OESAU, A.	Aquifers in the Sokoto Basin, Northwestern
W74-07050 7-13 50	Phytosociological Observations in Inundation	Nigeria, with a Description of the General
	Zone Farmlands in the Northern Upper Rhine	Hydrogeology of the Region,
ODD, N.	Valley, (In German),	W74-07184 7-14 2F
On the Vertical Structure of Tidal Flow in	W74-08121 7-15 2I	
River Estuaries,	7-15 21	OGILVIE, J. R.
W74-01205 7-03 2I	OESTMANN, D. B.	Soil Columns for Simulating Animal Manure
	Species Diversity of Benthic Macroinver-	Recycling,
ODEH, A. S.	tebrates in the Des Moines River, Iowa,	W74-11242 7-21 5D
A Method for Determining the Static Pressure	W74-03211 7-07 5C	
of a Well from Buildup Data,	W/4-03211 /-0/ 3C	OGINO, H.
W74-04162 7-08 80	OFFERMAN, E. E.	Investigation of Brewing Water Treatment,
	The Soil Conservation and Its Role in Wetland	W74-07023 7-13 5A
ODLAUG, T. O.	Management for Connecticut,	
The Distribution, Composition and Biomass o		OGLE, J. C.
the Crustacean Zooplankton Population is		Development of High Sensitivity X-Ray
Western Lake Superior,	OFFNER, F. F.	Fluorescence for Analyses of Trace Toxic Ele-
W74-01109 7-03 50		ments.
1 00 00	Computer Simulation of Storm water Runoff,	W74-12028 7-23 5A
ODLER, I.	W74-02310 7-05 2E	1-23 3A
Hardened Portland Cement Pastes of Lov		OGLESBY, H. S.
Porosity, Part 5: Compressive Strength,	UGANESYAN, S. A.	Process Design and Operation for Zero Ef-
W74-09522 7-18 81	Histogenesis and Functioning of the Hypophy-	
7-10 01	sis and Thyroid Gland in the Larvae of Atlantic	fluent Discharge,
ODU, C. T. I.	Salmon Exposed to Ionizing Radiation,	W74-10554 7-20 5D
Acetylene Reduction by Beijerinckia Unde	W74-02064 7-04 5C	OGLESBY, M.
Various Partial Pressures of Oxygen and		
Acetylene.	OGATA, G.	Interfacial Interaction of Water and Silicate
W74-07572 7-14 50	Influence of Salinity on FE, MN, and ZN Up-	Minerals,
W 14-01312 1-14 30	take by Plants,	W74-09805 7-19 2K
ODUM, E. P.	W74-10336 7-19 3C	OCCUPANT D. P.
The Value of the Tidal Marsh,		OGLESBY, R. T.
W74-05782 7-11 2	Interactive Effects of Salinity and Ozone on	An Evaluation of the Needs in Freshwater
W 14-03/62 7-11 2	Growth and Yield of Garden Beet,	Research and Related Public Information
ODUM, W. E.	W74-06342 7-12 3C	Facilities,
Tropic Analyses of an Estuarine Mangrov		W74-07838 7-15 6G
Community,	Salinity-Ozone Interactions on Pinto Bean: In-	
		Lead, Cd, Zn, Cu, and Co in Streams and Lake
W74-06489 7-12 2	Duration,	Waters of Cayuga Lake Basin, New York.
OEHLER, D. D.	W74-08330 7-16 3C	W74-09762 7-18 5B
Gas-Liquid Chromatographic Determination of		
		Trophic Level Interrelationships in Cayuga
Chlorfenvinphos in Milk, Eggs, and Body Tis	Identification of Substances in Petroleum Caus-	Lake, New York,
sues of Cattle and Chickens,		W74-03769 7-08 2H
W74-02384 7-05 5.		Total Control of the
OEHME, C.	W74-06140 7-12 5A	OGUMA, K.
	OCAWA I M	Selective Chromatographic Separation of
Removal of Organic Matter from Water b		Uranium(VI) on Deae-Cellulose Layers in
Resinous Adsorbents,	Thermal and Base-Catalyzed Hydrolysis	Dilute Acetic Acid Media,
W74-02266 7-05 51		W74-04864 7-10 5A
OFFITEL C F	W74-01504 7-03 5B	
OERTEL, G. F.	L COREN C E	OGUNTUASE, A. M.
Hydrographic Framework of the Doboy Soun		Cross-Spectral Analysis of Rainfall and Runoff
Estuary and Surveys of the Other Tidal Inle		for Raritan and Mullica River Basins in New
Along the Coast of Georgia,	W74-05903 7-11 8I	Jersey,
W74-09582 7-18 2		W74-07183 7-14 2A
Observations of No. Chamber Barby	OGEA, J.	7-14 20
Observations of Net Shoreline Positions an		OGURI, M.
Approximations of Barrier Island Sedimer	Rubber and Latex Waste-Water,	Marine Studies of San Pedro Bay, California.
Budgets,	W74-05105 7-10 5D	Part I: Circulation Patterns in Los Angeles-
W74-01372 7-03 2		Long Beach Harbor Drogue Study Atlas and
Parameter California	OGIGA, I. R.	Data Report,
Patterns of Sediment Transport at Nearshor	Soil Type, Moisture, Temperature and the Lon-	W74-05708 7-11 2L
Zones Influenced by Wave and Tidal Current	gevity of a Nematode Species of the Genus	/-11 ZL
A Study Utilizing Fluorescent Tracers,	Tylenchorbynchus in the Absence of Plants	OHATA, C. A.
W74-00301 7-01 2	W74-02719 7-06 21	Body Heat Dissipation and Conservation in
Date of Water Plants I O. C.		
Patterns of Water Flow and Sediment Dispe		Two Species of Dolphins,
sion Adjacent to an Eroding Barrier Island,	OGIL'VI, A. A.	11/74 04340
	OGIL'VI, A. A. Possibilities of Using Georgesical Mathods in a	W74-04240 7-08 5C
W74-07920 7-15	Possibilities of Using Geophysical Methods in a	
W74-07920 7-15 2	Possibilities of Using Geophysical Methods in a Study of Freshwater Discharges in Littoral	OHBA, N.
W74-07920 7-15 2 OERTLE, D. H.	Possibilities of Using Geophysical Methods in a Study of Freshwater Discharges in Littoral Zones of Seas (O vozmozhnostyakh	OHBA, N. Cadmium Content and Distribution in the Mud.
W74-07920 7-15 2 OERTLE, D. H. Experimental Pressure Studies on Frost Heav	Possibilities of Using Geophysical Methods in a Study of Freshwater Discharges in Littoral Zones of Seas (O vozmozhnostyakh geofizicheskikh metodov pri izuchenii razgru-	OHBA, N. Cadmium Content and Distribution in the Mud. Blood Clams, Fish Flesh and the Alga.
W74-07920 7-15 2 OERTLE, D. H. Experimental Pressure Studies on Frost Heav Mechanisms and the Growth-Fusion Behavior	Possibilities of Using Geophysical Methods in a Study of Freshwater Discharges in Littoral Zones of Seas (O vozmozhnostyakh geofizicheskikh metodov pri izuchenii razgru- zok presnykh vod v pribrezhnykh zonakh	OHBA, N. Cadmium Content and Distribution in the Mud. Blood Clams, Fish Flesh and the Alga. Porphyra Tenera, in the Ariake Bay (In
W74-07920 7-15 2 OERTLE, D. H. Experimental Pressure Studies on Frost Heav	Possibilities of Using Geophysical Methods in a Study of Freshwater Discharges in Littoral Zones of Seas (O vozmozhnostyakh geofizicheskikh metodov pri izuchenii razgruzok presnykh vod v pribrezhnykh zonakh morey),	OHBA, N. Cadmium Content and Distribution in the Mud. Blood Clams, Fish Flesh and the Alga.

OHLSSON, E.

OHLSSON, E. Remote Sensing of Oil Slicks, W74-00638 7-02 5A	OKUNEVA, G. L. Biology of Harpacticella inopinata (Copepoda, Harpacticoidae) in Lake Baikal, (in Russian),	OLES, P. J. Atomic Absorption Method for Determining Micromolar Quantities of Aliphatic Secondary
	W74-01883 7-04 2H	Amines,
OHNO, S.		W74-01492 7-03 5A
Determination of Trace Fluorine in Biological	OLAH, J.	OLESEN, S. E.
Materials by Photonuclear Activation Analysis, W74-02361 7-05 5A	Studies on the Photosynthetic Pigments and Their Decomposition in the Sediment of Lake	Gamma Radiation for Measuring Water Con- tents in Soil Columns with Changing Bulk Den-
Levels of Cobalt, Cesium and Zinc in Some	Balaton and Lake Belso, W74-06741 7-13 5C	sity,
Marine Organisms in Japan, W74-12244 7-23 5C	W/4-00/41 /-13 3C	W74-05930 7-11 2G
11112211	OLAH, J. AND	OLEVINSKAYA, S. K.
OHSAWA, M. Isolation of (Beta Sub 2)-Microglobulin from the Urine of Patients with Itai-Itai (Ouch-Ouch) Disease,	Distribution of Organic Matter and Bacteria in the Upper Layer of Bottom Deposit of Lake Balaton, W74-04839 7-09 SB	Experimental Investigation of the Effect of Sal- tating Sediments on Kinematics of Flow (Eksperimental'noye issledovaniye vliyaniya sal'tiruyushchikh nanosov na kinematiku
W74-09771 7-18 5A	OLAW TANOS	potoka),
OHTA, M.	OLAH, JANOS	W74-01134 7-03 2J
Method for Treating Oil-Containing Wastes, W74-12433 7-23 5D	Electron Microscopic Investigation of Natural Bacterial Populations in the Water and Sedi- ment of Lake Balaton and Lake Belso,	OLIAN, A. Application of Dynamic Programming in Mar-
OHYAMA, Y.	W74-02725 7-06 5A	kov Chains to the Evaluation of Water Quality in Irrigation,
On the Water Quality of Lake Biwa, The Seta	OT ABIL M	W74-04561 7-09 3C
River and some Rivers in Otsu City and the		11707301
Heavy Metal Content of Bottom Matters of	Syngnathus nigrolineatus nigrolineatus (Eichwald) in the Frasinet River and Mostistea	OLINDO, P. M.
Lake Biwa, (In Japanese),	Y -1- (Y- D	A Preliminary Survey of the Possible Con-
W74-02935 7-06 5B	W74-04700 7-09 2I	tamination of Lake Nakuru in Kenya with
OIEN, A.	7-05 21	Some Metals and Chlorinated Hydrocarbon Pesticides.
Investigations of Water Samples from Brooks,	OLCENOGLU, K.	W74-04547 7-09 5C
Streams, and Lakes in Areas with Different		
Parent Material,	Operations at Kizildere, Turkey,	OLIVA, M.
W74-01817 7-04 2K	W74-09029 7-17 8A	Contribution to the Method for the Determina-
OKABE, H.	OLCOTT, P. G.	tion of Sublethal Water Deficit, W74-05365 7-10 2I
The Fluorescence Detection of Nitric Oxide,	Nitrogen Transformations During Subsurface	
W74-11004 7-21 5A	Disposal of Septic Tank Effluent in Sands: II.	OLIVE, J. H.
OKESON, L.	Ground Water Quality,	Benthic Macroinvertebrates as Indexes of Water Quality in Whetstone Creek, Morrow
The Ocean Edge of San Diego,	W74-02148 7-04 5B	County, Ohio (Scioto River Basin),
W74-03120 7-06 6D	OLDEMANN, A. A.	W74-01517 7-03 5B
A.V. V.	Architecture of Riparian Forest Vegetation of	
OKI, Y. The Geothermal System of the Kakone Vol- cano,		OLIVER, B. G. Chloride and Lead in Urban Snow, W74-09468 7-18 5B
W74-08993 7-17 2F	OLDENZIEL D. M.	
OKO, U. M.	OLDENZIEL, D. M. Influence of Suction and Blowing on Entrain-	OLLIER, J. Contribution to Physicochemical Study of
Acid Neutralization Doesn't Cost Much,	ment of Sand Particles,	Some Springs of the Gapeau River Basin (Var),
W74-07124 7-14 5D		W74-01288 7-03 2K
OKUBO, A.		OLMSTEAD, W. R.
Diffusion-Induced Instability in Mode	OLDHAM, K. B. Semiintegral Electroanalysis: Shapes of	The Sealing Mechanism of Wastewater Ponds,
Ecosystems: Another Possible Explanation of	Semiintegral Electroanalysis: Shapes of Neopolarograms,	W74-13299 7-24 5D
Patchiness,	W74-01333 7-03 5A	OLMSTED, L. L.
W74-10662 7-20 5E		Limnological, Ichthyological, and Parasitologi-
OKUBO, K.	OLDHAM, R. R.	cal Investigations on Arkansas Reservoirs in
Process for Removal of Contaminants from		Relation to Water Quality,
Wastes, W74-02487 7-05 5D		W74-13167 7-24 2H
W74-02487 7-05 5D	Pivotable Fluid Diverter for Recirulation	OLOFFS, P. C.
OKUBO, S.	System,	Factors Affecting the Behavior of Five
Observations on Gambusia affinis Introduced		Chlorinated Hydrocarbons in Two Natural
into Tokushima as a Natural Enemy of Mosquitoes, (In Japanese),	OLEDAL, J.	Waters and Their Sediments, W74-06064 7-12 5B
W74-07048 7-13 50		
	fier Sludge.	OLOVYANNIKOVA, I. N.
OKUMURA, Y.	W74-11096 7-21 5D	Water Regime of Solonchak Solonetzes in
On the Water Quality of Lake Biwa, The Seta		Open Areas of Forests in the North Caspian Sea Region, (Vodnyy rezhim solonchakovykh
River and some Rivers in Otsu City and the Heavy Metal Content of Bottom Matters of		solontsov na polyanakh lesnykh nasazhdeniy
Lake Biwa, (In Japanese),	Species Composition of Epiphytic Bacteria of Green Filamentous Algae in the Northern	Severnogo Prikaspiya),
W74-02935 7-06 SE	Donets-Donbas Canal, (in Russian),	W74-02301 7-05 2G
OKUN D A	W74-08112 7-15 5C	OLSEN, D. A.
OKUN, D. A. Planning for Water Resue,		ERTS-1 Virgin Islands Experiment 589Deter-
W74-02845 7-06 SI	OLENICOFF, S. M. The Soviet Darms Program-Twenty Years of Development, Deployment, and Data,	mine Boundaries of ERTS and Aircraft Data within Which Useful Water Quality Informa- tion can be Obtained.
Planning for Water Reuse, W74-08465 7-16 5I		W74-09756 7-18 5A
7-10 32	. 05 , 10	

OLSEN LO AND		Uptake of Methyl Mercuric Chle	oride and Mer-	Metabolic Effects of Tec	hnical Pen-
OLSEN, J. O. AND Floating Breakwater Pontoon, W74-04711	7-09 8B	curic Chloride by Trout: A Stu Pathways into the Whole Anim	dy of Uptake	tachlorophenol (PCP) on the Ee guilla L.,	l Anguilla an-
		by Erythrocytes in Vitro,		W74-00482	7-01 5C
OLSEN, L. J.	Daniel Barrie	W74-01412	7-03 5C	OLSSON, T. A.	
Water Well Standards-Arroyo C	orande Basin,	OLSON, K. R. AND		Economic Optimization of the	Avco Crystal-
San Luis Obispo County, W74-03057	7-06 5B	Mercury Uptake and Ion Distri	bution in Gills	lization Process,	area Crystan
# 74-03037	7-00 35	of Rainbow Trout (Salmo gain		W74-08337	7-16 3A
OLSEN, R. D.		Scans with an Electron Micropro			
A Technique for Extraction an		W74-04778	7-09 5A	OLTMAN, B. G. A Radiological Environmental So	TOD
Water Samples for Mn, Cd, and		OLSON O.C		II.	livey at EBR-
tion by Atomic Absorption Spects	7-10 5A	OLSON, O. C. Forest Service Policy Related to	the Use of Na-	W74-04455	7-09 5B
W74-05293	7-10 JA	tional Forest Lands for Disposal			
OLSEN, S. B.		and Sludge,		OLUNDH, E.	
Rhode Island's Barrier Beaches:		W74-12899	7-24 5D	Benthic Fauna and Zooplankton	in Some Pol-
Report on a Management Pro	blem and an	OLSON O. F		luted Swedish Estuaries, W74-06043	7-12 5C
Evaluation of Options, W74-05152	7-10 2L	OLSON, O. E. Simplified Spectrophotometric	Analysis of	W 74-00043	7-12 50
W /4-03132	7-10 2L	Plants for Selenium,	Allalysis Of	OMANG, R. J.	
Rhode Island's Barrier Beaches	s: Volume II.	W74-01406	7-03 2K	Annual Peak Discharges from S	
Reports and Recommendations a	t the Commu-			Areas in Montana, Through Sept	7-15 2E
nity Level,		OLSON, P. R.		W74-07667	7-15 ZE
W74-05033	7-10 2J	Accumulation of Calcium-45		OMBRET, O.	
OLSON, A. E.		Coho Salmon Eggs and Fry re- concentrations of Stable Calcium		A Numerical Model of Mu	tiphase Flow
In-Process Pollution Abatemen	at: Upgrading	W74-07808	7-15 5C	Around a Well,	
Metal-Finishing Facilities to Redu			,	W74-04258	7-08 4B
W74-09080	7-17 5G	Uptake of Molybdenum Marke		OMEL'YANETS, N. I.	
OLSON B I		by the Biota of Fern Lake, W		Hygienic Evaluation of a	Portable Ion
OLSON, B. L. Determination of Cyanide in its	Platinum and	Laboratory and Field Experimen		Exchange Filter For Field F	
Palladium Complexes.	riatinum anu	W74-05210	7-10 5C	Drinking Water, (In Russian),	
W74-05449	7-11 5A	OLSON, R. A.		W74-11175	7-21 5F
		A Study of Factors Influencin	g the Nitrogen	Hygienic Evaluation of Means	of Enrichment
OLSON, C. E.		and Phosphorus Contents of Ne		with Salts and Decontamination	
Financing Private Water Resor		W74-02151	7-05 5B	ized Water. (In Russian).	or Demineral
ment: Analysis of A State Loan I W74-02221	7-05 3F	OLSON, T. A.		W74-07365	7-14 5F
W 74-02221	7-03 3F	The Distribution, Composition	and Biomass of		
OLSON, C. L.		the Crustacean Zooplankton		Organic Water Impurities and Methods for their Removal in W	
Limnological and Fisheries A		Western Lake Superior,		Russian).	ater Mains (In
River and the Proposed Reservoi		W74-01109	7-03 5C	W74-07862	7-15 5D
W74-11582	7-22 6B	OLSON, T. C.			
OLSON, E. A.		Water Loss Estimates from a Fa	allow Soil	OMMANNEY, C. S. L.	
Education, Action and Regulator	ry Problems of	W74-09546	7-18 2D	Acquisition, Storage and Proces Inventory Data,	sing of Gracier
Animal Waste Management,				W74-01292	7-03 7C
W74-00133	7-01 5G	Water Loss from an Irrigated Se			
OLSON, G. F.		Water Flux Within and Below th W74-09248	7-17 3F	OMODT, F. H.	
Cough Response and Uptake of	of Mercury by	W 74-09248	/-1/ JF	Precipitation as a Nutrient and Source for Forested Watersheds	
Brook Trout, Salvelinus Fontina		Water Loss from an Irrigated	Sorghum Field:	la Vicinity,	in the Missou-
Mercuric Compounds at Differ		II. Evapotranspiration and Root		W74-03766	7-08 5B
Ion Concentrations,		W74-09249	7-17 3F		
W74-12507	7-23 5C	OLSON, W. H.		OMOROV, E. O.	
OLSON, G. T. II.		Preliminary Studies Using Syn	thetic Polymers	Vertical Differentation of Tien- Based on the Distribution of Ch	
Preservation of Reservoir Sites,		to Reduce Turbidity in a H		Water Insects, (in Russian),	aracteristics of
W74-03123	7-06 6F	Supply,		W74-09063	7-17 21
		W74-11942	7-22 5C		
OLSON, G. W. Bulk Density of a Fragipan Soil	in Matural and	OLSSON, D. M.		ONDERDONK, J. J.	
Disturbed Profiles,	in Natural and	One-Way Analysis of Variance,		Effect of Corn Stover on Phos Off from Nontilled Soil,	phorus in Run-
W74-10342	7-19 8D	W74-03292	7-07 7C	W74-12722	7-23 3F
OLSON, H. M.	D11	OLSSON, I.	n in Come Dal	ONDOK, P.	
Effect of Supplemental Water Corn Production in a Subhumid I		Benthic Fauna and Zooplankto luted Swedish Estuaries,	on in some roi-	Growth Rate and Develop Root/Shoot Ratio in Reedswan	
W74-08803	7-17 3F	W74-06043	7-12 5C	Grown in Winter Hydroponic Cu	
	,			W74-01346	7-03 21
OLSON, J. C. JR.		OLSSON, K. A.			
Methodology for Recovery and		Pattern of New Root Production	n in Peach Trees	ONDOV, J. M.	
of Enteropathogenic Escherichia		under Irrigation, W74-02124	7-04 3F	Intercomparison of Several Typ	es of Cascade
W74-06151	7-12 5A	₩ /4-02124	7-04 3F	Impactors, W74-11008	7-21 5A
OLSON, K. R.		OLSSON, M.			7-21 JA
A Scanning Electron Microsc		The Avifauna of Sweden as In		ONGERTH, H. J.	
Secondary Lamellae and Chlo		vironmental Contamination wit	th Mercury and	Public Use and Evaluation	of Reclaimed
Rainbow Trout (Salmo gairdneri) W74-08096		Chlorinated Hydrocarbons, W74-11367	7-21 5B	Water, W74-11878	7-22 5D
17 / 4-00070	7-15 5C	174-11307	7-21 3B	4 14-11010	1-22 30

ONISHI, H.

OPPENHEIMER, C. H. OROFINO, T. A. ONISHI, H. Galveston Bay Benthic Community Structure Economic Evaluation of the Effect of Selected Hollow Fine Fibers for Brackish Waters Sofas an Indicator of Water Quality, Crop Practices on Nonagricultural Uses of W74-01907 7-04 3A W74-13464 Water. W74-07828 7-15 5B OPUSZYNSKI, K. Use of Phytophagous Fish to Control Aquatic The Electrical Process in the Breaking of Dilute ONISHI, T. Oil-In-Water Emulsions, Plants. Environmental Pollution by Fluorine with W74-04106 7-08 3B W74-12343 7-23 5D Respect to the Prospective Aluminum Factories in Kyushu, Japan (In Japanese), ORABI, A. A. 7-23 5C W74-12680 Water Yield Characteristics of Three Small Factors Affecting the Manganese Status in Soils of the U.A.R., Watersheds in the Northeastern Black Hills, ONISHI, V. W74-02200 W74-00677 7-02 Effects of Meandering on Sediment Discharges and Friction Factors of Alluvial Streams, ORADOVSKAYA, A. YE.
Hydrogeological Basis for Protection of ORR. T. E. W74-06258 7-12 2I Numerical Calculation of Wave Refraction Groundwater and Water Wells from Pollutants Digital Computer, ONISICK, S. (Gidrogeologicheskoye obosnovaniye zashchity W74-03343 Electron Spectroscopy (ESCA): Use for Trace podzemnykh vod i vodozaborov ot zagryaz-ORRIS, P. Analysis. neniv). Benthic Macroalgae of the Maryland Portion of W74-12499 7-23 5A W74-00347 7-01 5B the Chesapeake Bay, ONISKO, W. ORCUTT, D. H. W74-00897 Evaluation of a Method Presently Used for Industrial Wastewater-Injection Wells in United States--Status of Use and Regulation, ORSBORN, J. F. Determining Suspended Solids in Effluents A Summary of Quantity, Quality and Economic Methodology for Establishing Minimum Flows, from Production of Fiber Building Boards 1973. W74-03355 (Ocena stosowanej obecnie metody oznaczania zawiesiny w sziekach otrzymywanych przy ORECIONI. R produkcji plyt pilsniowych), ORSER, P. N. The Biological Pathway of Zinc (Zn-65) in W74-12948 7-24 5A Effects of Urbanization on the Salamander Freshwater Fish and its Alteration by Heavy Desmognathus fuscus fuscus, Metals. Water and Waste Water Management in the 7-04 21 W74-01827 W74-05201 Manufacture of Structural Fiberboards in Po-7-10 5C land (Zagadnienia gospodarki wodnosciekowej ORHEIM, R. M. przemyslu plyt pilsniowych na tle gospodarki Water Reclamation-Algae Production, Atomic Absorption Determination of Nano-7-11 5D wodnej w Polsce), W74-05892 gram Quantities of Arsenic in Biological Media, W74-06380 7-12 5D W74-12479 7-23 5A ORTEGA, M. M. Study of Algae Used as Foods in the Valley of ONSTAD. C. A. Mexico, (In Spanish), Soil and Water Losses as Affected by Tillage A Data Acquisition System for Transient W74-00982 Practices. Porous Media Experiments in a Sector Tank, W74-06595 7-13 3F W74-09887 ORTENGREN, R. W. JR. Surface Characteristics of Windrows, ONSTENK, R. W. ORKEN, A. B. 7-07 2L W74-03618 Applied and Residual Nitrate-Nitrogen Effects Data Management, on Irrigated Grain Sorghum Yield, W74-07659 7-15 5B ORTH. D. A. W74-11270 Control and Treatment of Radioactive Liquid ONSTOTT, E. I. Waste Effluents at the Savannah River Plant, ORLOB, G. T. Removal of Phosphates from Wastewaters with W74-11661 Development of Mathematical Modeling Capa-Electro-Chemically Generated Gadolinium bilities for the Vistula River Project, Poland, Ions. 7-01 10A W74-07271 7-14 5D Regional Wastewater Management Systems, W74-05389 7-10 5D Ground Water Quality Models: What They Can ONUSKA, F. I. and Cannot Do, Gas Chromatographic Determination of ORTHLIEB, F. L. W74-06944 7-13 5B Forecasting Oil Slick Behavior-- A Preliminary Aliphatic Amines and Quantitative Analysis of Small Amounts of Dimethylamine in Waste-Guide. Ground-Water Quality Models: What They Can W74-11202 water. and Cannot Do, W74-00077 7-01 5A W74-07933 7-15 5B ORTLOFF, J. F. New Drilling-Research Tool Shows What Hap-Introduction to Simulation Techniques, Lithofacies Relations in the Late Quaternary W74-05391 7-10 5G pens Down Hole. W74-10090 7-19 8G Niger Delta Complex, Management of Urban Storm Runoff, W74-12305 7-23 2L W74-10395 7-20 5D ORTOLANO, L. A Dynamic Programming--Simulation Strategy OOSTDAM, B. L. Optimal Allocation of Limited Water for the Capacity Expansion of Hydroelectric Suspended Sediment Transport in Delaware Resources Power Systems, Bay, 7-01 6A W74-03470 7-07 8C W74-00179 W74-07233 7-14 2L ORLOVA, E. I. ORZECK, J. J. OPALINSKI, K. W. Some Data on Movement of Radiostrontium Detrital Quartz as a Natural Tracer-Fourier Freshwater Fauna and Flora in Haswell Island

with Groundwater Current,

Effect of a Low Impermeable Groin on

Shorezone Geometry and Texture, Point Mugu,

W74-12040

ORME, A. R.

California,

W74-10358

7-15 21

7-10 5C

Grain Shape Analysis,

myshlennykh Stocknykh Vod),

Electrochemical Purification of Industrial Ef-

fluents (Elektrokhimicheskaya Ochistka Pro-

OSADCHENKO, I. M.

7-12 21

7-12 5D

W74-06293

W74-06402

7-23 5B

7-20 8B

W74-08107

OPHEL. I. I.

Ecosystem.

W74-05203

(Queen Mary Land, Eastern Antarctica),

The Fate of Cobalt-60 in a Natural Freshwater

OSBORN, J. E. Economic Benefits from Irrigation, W74-03487 7-07 6C	OSTERSTOCK, E. R. Coalescing Plates and Packs for Oil Water Separation in Various Shipboard Applications,	Water Reuse in Industry, Part 5 The Water Pollution Control Act: Reaching Toward Zero Discharge,
	W74-01882 7-04 5G	W74-00798 7-02 5D
OSBORN, N. M. Stalking the Skunk. A Preliminary Survey and Appraisal of Archaeological Resources in the Ames Reservoir, Iowa, W74-11584 7-22 6G	OSTERYOUNG, R. A. Analytical Applications of Pulsed Voltammetric Stripping at Thin Film Mercury Electrodes, W74-01514 7-03 5A	OTLEY, M. Applicability of ERTS-1 Imagery to the Study of Suspended Sediment and Aquatic Fronts, W74-06666 7-13 2L.
OSBURN, D. D.		O-1 PM 14 1
Summer Environmental Modification Systems for Dairy Cow Housing in the United States, W74-10299 7-19 5D	OSTLUND, H. G. Expedition 'Odysseus 65': Radiocarbon Age of Black Sea Deep Water, W74-12374 7-23 2E	OTLEY, M. J. A Mass Balance Model of Trace Metals in Several Delaware Watersheds, W74-02443 7-05 5B
OSBURN, Q. W.		OTCHEL A
Automated Method for Ortho-, Ortho-plus Hydrolyzable and Total Phosphate in Surface	OSTREM, G. Evaluation of Glacier Mass Balance by Observing Variations in Transient Snowline Positions,	OTSUKI, A. Coprecipitation of Phosphate with Carbonates in a Marl Lake,
and Wastewaters, W74-08208 7-16 5A	W74-11437 7-21 2C	W74-01843 7-04 2H
W14-06206	OSTROOT, G. W.	Interaction of Yellow Organic Acids with Calci-
OSDOR, A. Internally Interconnected Multi-Stage Distilla-	Deep-Well Acid DisposalPlanning and Completion,	um Carbonate in Freshwater, W74-00068 7-01 5B
tion System, W74-02496 7-05 3A	W74-10866 7-20 5B	
W74-02496 7-05 3A		OTT, A. N.
OSEID, D.	OSTROVSKAYA, T. I.	Physical, Chemical, and Biological Charac-
Swimming Endurance and Resistance to Copper and Malathion of Bluegills Treated by	Effect of a Cinder Settling Tank of a Thermal Electric Power Plant on the Quality of Subsur-	teristics of Conewago Lake Drainage Basin, York County, Pennsylvania, W74-06259 7-12 5C
Long-Term Exposure to Sublethal Levels of	face Waters, (In Russian), W74-02231 7-05 5B	W 74-00239 7-12 3C
Hydrogen Sulfide, W74-01579 7-03 5C	703 35	OTT, E.
OSHIMI, T.	OSTROVSKII, V. N. Plants as Indicators of Hydrology and Litholo-	Nonlinear Development of the Rayleigh-Taylor Instability in the 'Shallow-Water' Approxima-
Process for Treating Waste Water Containing Nitriles,	gy in the Ili Ancient Delta Area, (In Russian), W74-13283 7-24 2G	tion, W74-05034 7-10 2L
W74-00957 7-02 5D	OSTROVSKIY, G. M.	OTT, F. D.
OSIECK, E. R. AND	Water Resources of the Ural Area and Basic	Macroalgae of the Chesapeake Bay,
A Find of Marsh Sandpiper Tringa stagnatilis in	Problems in Their Complex Use (Vodnyye re-	W74-00898 7-02 2L
the Netherlands,	sursy Urala i osnovnyye problemy ikh kom-	OTT IS
W74-04681 7-09 5C	pleksnogo ispol'zovaniya),	OTT, R. The Treatment of Waste Water from Industries
OSIPOV, YU. A.	W74-01135 7-03 3E	and Commerce in Public Purification Plants (in
Method of Investigation of Nonlinear Filtration	OSWALD, W. J.	German),
Effects (O metodike issledovaniya nelineynykh fil'tratsionnykh effektov),	Anaerobic - Aerobic Ponds For Beet Sugar Waste Treatment,	W74-07748 7-15 5D
W74-11016 7-21 7B	W74-10542 7-20 5D	OTT, R. F.
OSIS, L.	Ecological Management of Thermal	Water Quality Simulation and Application, W74-06419 7-12 5B
1971 Tillamook Bay Resource Use Study,	Ecological Management of Thermal Discharges,	W/4-00419 /-12 3B
W74-09085 7-17 6B	W74-09923 7-19 5D	OTTO, G.
1971 Umpqua River Estuary Resource Use		Biochemical Degradation Behavior of Sulfite
Study, W74-09069 7-17 6B	Photosynthetic Reclamation of Agricultural Solid and Liquid Wastes,	Pulp Mill Waste Water and Its Constituents (Biochemisches Abbauverhalten von Sulfitzell-
7-17 02	W74-12647 7-23 5D	stoffabwasser und seinen Inhaltsstoffen), W74-12942 7-24 5B
OSMERA, S.	OSWALT, N. R.	1-24 30
Annual Cycle of Zooplankton in Backwaters of the Flood Area of the Dyje,	Outlet Works, Stilling Basin for Tallahala Dam,	OTTO, S. V.
W74-06536 7-13 5C	Tallahala Creek, Mississippi, W74-07925 7-15 8B	Molluscan Mortality Studies, W74-07995 7-15 8I
OSTER, E. A.	Spillway for Lock and Dam 26, Mississippi	OTTOSON, H. W.
Flood Profiles in the Umpqua River Basin,	River, Missouri and Illinois.	Concluding Comments,
Oregon, Part 2,	W74-11990 7-22 8B	W74-00144 7-01 5G
W74-03803 7-08 4A		
OSTER, J. D.	OTERO, R. B.	OTVOS, E. G.
An Oscillator Circuit for Automated Salinity	Some Observations on Bacterial Populations in	Chemical Quality of Surface and Sediment Pore Water in Louisiana and Mississippi Estua-
Sensor Measurements,	Wilgreen Lake, Madison, KY., W74-01242 7-03 5B	ries,
W74-08074 7-15 2G	W74-01242 7-03 3B	W74-02825 7-06 5A
OSTERBERG, C. L.	OTHMER, D. F.	OTHER I
Effects of Gamma Irradiation on the Main-	Power, Fresh Water, and Food From Cold,	OTVOS, I. Patrochemical Applytical Problems II Gas.
tenance of Population Size in the Brine Shrimp,	Deep Sea 'Vater, W74-02254 7-05 3B	Petrochemical Analytical Problems. II. Gas- Liquid Chromatographic-Mass Spectrometric
Artemia, W74-07823 7-15 5C	W74-02254 7-05 3B	Investigation of Industrial Dodecylbenzenes,
	Sewage Treatment Process,	W74-00250 7-01 5A
Effects of Gamma Irradiation on the Reproduc-	W74-03657 7-07 5D	OUPLIPTE D B
tive Performance of Artermia as Determined by	Sewage Treatment System,	OUELLETTE, R. P. Dimensions of Monitoring,
Individual Pair Matings, W74-07822 7-15 5C	W74-07217 7-14 5D	W74-09217 7-17 7A

OUTCALT, S. I.

OUTCALT, S. I. The Simulation of Subsurface Effects on the Diurnal Surface Thermal Regime in Cold Re-	OWENS, A. B. Bryophytes and Lichens of the Chesapeake Bay,	OZMENT, A. D. The Rocky Mountain Millivolt Integrator for use with Solar Radiation Sensors,
gions,	W74-00899 7-02 2L	W74-00690 7-02 2D
W74-01988 7-04 2C	OWENS, C. W.	OZTURGUT, E.
OUTCALT, YS. I.	A Feasibility Study of a Research Program on	The Bosporus,
A Simulation Sensitivity Analysis of the Needle Ice Growth Environment,	the Source, Degradative Removal and Seconda- ry Consequences of Petroleum Products in	W74-12372 7-23 2L
W74-04370 7-09 2C	Water,	PAAVILA, H. D.
	W74-03767 7-08 5A	How Much Will Cleanup Cost,
OVERBEY, J. W. II.	7.00 31	W74-05268 7-10 5D
Dimensions of Monitoring, W74-09217 7-17 7A	OWENS, D. E.	Impact of Pollution Abatement on Capital Allo-
W 14-03211	Sewage Treatment Apparatus,	cation and Profitability,
OVERBY, L. R.	W74-02489 7-05 5D	W74-12426 7-23 5G
Excretion Studies in Swine Fed Arsanilic Acid,	OWENS, E. L.	
W74-00400 7-01 5B	Laboratory and Controlled Experimental	PABAT, I. A.
OVERCASH, M. R.	Stream Studies of the Effects of Kraft Ef-	Effect of Dibbling of Winter Fallow on
Economics of Alternative Wastewater Treat-	fluents on Growth and Production of Salmonid	Hydrophysical Properties of Frozen Soil and
ment Systems,	Fish,	on Erosion Processes (Vliyaniye lunkovaniya zyabi na vodno-fizicheskiye svoystva merzloy
W74-09427 7-18 5D	W74-02277 7-05 5C	pochvy i protsessy erozii),
OVERLAND, J. E.	OWENC I B	W74-05019 7-10 2G
A Model of Salt Intrusion in a Partially Mixed	OWENS, L. B.	
Estuary,	Denitrification as a Pathway for Nitrate Removal in Aquatic Systems,	PABST, M. E.
W74-04204 7-08 5B	W74-06612 7-13 5B	Water-Level Changes in Northwestern Kansas,
	W/4-00012 /-13 3B	1950-73,
A Review of Estuarine Modeling, W74-04929 7-10 2L	OWENS, M.	W74-09194 7-17 4B
W74-04929 7-10 2L	Nutrient Budgets in Rivers,	PACHADZHANOV, D. N.
OVERLY, D.	W74-03947 7-08 5C	Fluorine in Some Natural Waters of Tadz-
A Systems Approach to Problem Oriented	S	hikistan (Ftor v nekotorykh prirodnykh vodakh
Research Planning: A Case Study of Food	Sources of Oxygen in Estuaries,	Tadzhikistana),
Production Wastes,	W74-06539 7-13 5C	W74-06310 7-12 2K
W74-11040 7-21 5G	OWENS, M. S.	DACKHAM B E
OVERMAN, A. R.	Analysis of Iodine in Antarctic Snow,	PACKHAM, R. F. The Removal of Organic Compounds in the
Measurement of Unsaturated Hydraulic Con-	W74-06929 7-13 5B	Production of Potable Water,
ductivity by the Constant Outflow Method,		W74-02265 7-05 5F
W74-05675 7-11 2G	OWENS, T. C.	
OVERPECK, A. D.	Preliminary Study to Investigate Feasibility of	PADAN, E.
Well Imaging and Fault Detection in Anisotrop-	Desalting Ground Water in North Dakota, W74-08066 7-15 3A	Cyanophages - Viruses Attacking Blue-Green
ic Reservoirs,	W/4-08000 /-13 3A	Algae, W74-06754 7-13 5C
W74-03168 7-06 8B	OWOSEYE, A. J.	W 74-00754 7-13 3C
OVERREIN, L. N.	An Ecological Study of Vellozia schnitzleinia, a	PADARYAN, G. M.
Sulphur Pollution Patterns Observed: Leaching	Drought-Enduring Plant of Northern Nigeria,	Liquid-Phase Oxidation of Phenol, Methanol,
of Calcium in Forest Soil Determined,	W74-06768 7-13 2I	and Formaldehyde for Purification of Industrial
W74-00476 7-01 5B	OXENHAM, J. P.	Effluents (Zhidkofaznoe okislenie fenola,
OVERCTREET D M	Apparatus for Controlling a Polluting Liquid,	metanola i formal'degida primenitel'no k ochistke stochnykh vod),
OVERSTREET, R. M. Digenetic Trematodes of the Chesapeake Bay,	W74-12436 7-23 5G	W74-06403 7-12 5D
W74-00911 7-02 2L		W 74-00403
770	An Oil Recovery System Utilizing Polyu-	PADDEN, T. F.
OVERTON, J.	rethane FoamA Feasibility Study,	Suction Oil Decanter,
SO2 Oxidation Mechanism in Olefin-NOx-SO2	W74-07341 7-14 5G	W74-02026 7-04 5G
Smog, W74-10966 7-21 5B	OXLEY, N. C.	PADGETT, J. H.
W/4-10700	Application of Mathematical Modelling to	An Industrial Pollution Index,
OVIATT, C. A.	Water Quality Management,	W74-03889 7-08 5G
Ecology of Small Boat Marinas,	W74-01486 7-03 5B	7.00 30
W74-06074 7-12 5C	The state of the s	PADMANABHAMURTY, B.
OVNATANOV, S. T.	The Application of Statistical Techniques to	A Study of Biotropism of Climate in Two
Thermal Studies as a Technique in Subsurface	River Quality Management, W74-13024 7-24 5A	Canadian Cities,
Structural Investigations,	W14-13024 1-24 3A	W74-03478 7-07 5C
W74-08995 7-17 2F	Computer Applications in Water Quality	Water Requirements of Wheat (Triticum
OVSYANNIKOV, V. V.	Modelling: Prediction of Ammoniacal Nitrogen	Aestivum L.) From Meteorological Parameters,
Automatic Monitoring and Processing of	in the River Thames,	W74-00468 7-01 3F
Hourly Hydrometeorological Information,	W74-12139 7-23 5B	BARLINGK I
W74-06730 7-13 2B	OZBURN, G.	PAELINCK, J. Some Models for the Economic Evaluation of
OWEN I B	A Procedure for Short-Term Bioassay Tests on	the Environment,
OWEN, J. R.	Industrial Effluents of Low Oxygen Content,	W74-04083 7-08 5G
Rangeland Hydrology, W74-10682 7-20 4A	W74-02961 7-06 5C	7-06 30
		PAERL, H. W.
OWEN, S. G. H.	OZCANDARLI, T. D.	Limnological Studies and Remote Sensing of
Study of Carbohydrate Solubilization from	The Use of Entire Apparent Resistivity Curves for Interpretation of Normal Resistivity Logs,	the Upper Truckee River Sediment Plume in Lake Tahoe, California-Nevada,
Sewage Sludges,	for interpretation of Normal Resistivity Logs,	Lake Tanoe, Camornia-Nevaua,

The Use of Entire Apparent Resistivity Curves for Interpretation of Normal Resistivity Logs, W74-10835 7-20 8E

W74-08302

7-16 2J

7-20 5D

W74-10562

Preparation of Filtered Plankton and for Study with Scanning Electron Micro		Winter-Regime Thermal Respon Streams, W74-07511	se of Heated	Organic Matter of the Soil in the Kiev R voir and its Role in the Development of Be Algae, (In Russian),	
W74-05320 7	-10 3A	W /4-0/311	/-14 3B		5C
PAFF, G. H. New Drilling-Research Tool Shows W	hat Hap-	PAINE, D. P. Natural Resource Inventory and	Monitoring in	Soil Characteristics in the Shallow Aqua	toria,
pens Down Hole, W74-10090	7-19 8G	Oregon With ERTS Imagery, W74-06683	7-13 4A	(In Russian), W74-05948 7-11	2G
PAGE, G. L. JR.		PAINE, M. D.		PALAMARCHUK, L. K.	
Emergency Planning for Municipal Wa	stewater	Evaluation of Beef Waste Mana	gement Alter-	Exchangeable Cations in Soils of the Dr Reservoirs.	iieper
Treatment Facilities, W74-06577	7-13 5D	natives, W74-09693	7-18 5D		2H
Maintenance Management Systems	for Mu-	PAINE, R. T.		PALANGE, R. C.	
nicipal Wastewater Facilities, W74-06579	7-13 5D	Species Introduction in a Tropica W74-05492	l Lake, 7-11 5C	An Assessment of the Use of Potomac Es Waters and AWT Effluents for Emer Water Supply,	
Start-Up of Municipal Wastewater T	reatment	PAINTAL, A. S.		W74-04506 7-09	5D
Facilities, W74-06578	7-13 5D	Time of ConcentrationA Kinem proach,	atic Wave Ap-	Effective Pollution Control Investment,	
PAGE, L. V.		W74-08593	7-16 2E	W74-05635 7-11	5D
Flood of September 1971 in Sou	theastern	PAINTER, B. G.		PALCIAUSKAS, V. V.	
Pennsylvania, W74-06354	7-12 2E	Clinical Laboratory Experience	with the Im-	On the Optimal Operation of Ground Basins: A Calculus of Variations Approac	h,
		proved Enterotube, W74-00655	7-02 5A	W74-01489 7-03	3 4B
Floods of June 1972 in the Harrisbu Pennsylvania,	irg Area,		7-02 JA	Theoretical Analysis of Forced Conve	
	7-24 7C	PAINTER, J. E. Thermal Surveillance of Casca		Heat Transfer in Regional Ground-Water W74-01957 7-0-	Flow, 4 2F
PAGE, R. W.		canoes Using ERTS-1 Multispe		PALCO, T. N.	
Base of Fresh Ground Water (Appro 3,000 Micromhos) in the San Joaquin California),		Aircraft Imaging Systems, and Data Communication Platforms, W74-06692		Build-Up of Mineral Content in Lake danelle and the Effect of Zooplankton,	
	7-08 7C	PAINTER, R. B.		W74-12859 7-24	4 5C
Data for Municipal Wells in the	City of	A Mathematical Examination of	of Urban Run-	PALFI, G.	- mr
Modesto, California,	7-14 4B	Off Prediction, W74-13449	7-24 4C	Free Proline and Water Deficit in Plan sues, (in Russian),	t Tis-
W 74-07320	/-14 4D		100	W74-11192 7-2	21 21
Geology and Quality of Water in the Merced Area, San Joaquin Valley, C		The Potential Application of San Regulation,		PALFI, Z. Free Proline and Water Deficit in Plan	t Tis-
with a Brief Section on Hydrology, W74-09605	7-18 4A	W74-08206	7-16 4A	sues, (in Russian),	
	7-10 471	Predicting Sediment Yield from	n Climate and	W74-11192 7-2	21 21
PAGE, T. Failure of Bribes and Standards for	Pollution	Topography, W74-13002	7-24 23	PALICSKA, J.	6
Abatement,	1 onunon			Comparative Study of the Effect of Anion Active Detergents on the Reprod	
W74-09240	7-17 5G	PAJUNEN, V. I. Evaluation of a Removal Metho	nd for Estimat-	of Listeria monocytogenes and Other Bac	teria,
PAGENKOPF, G. K.		ing the Numbers of Rock		W74-05360 7-1	0 5C
Cation Adsorption and Desorption Natural Water Studies,	Rates in	(Hemiptera, Corixidae), W74-01055	7-02 7B	PALIN, A. T. Chemistry of Modern Water Chlorinati	on I
	7-08 5A			Introduction, II, the Chemistry of Chlorin	
Influence of Selected Organic Comp	ounds on	PAKKALA, I. S. Arsenic Content of Fish from N	lew York State	W74-09744 7-1	8 5D
The Response of a Calcium Ion-Selec		Waters,		Chemistry of Modern Water Chlorinatio	
trode, W74-09897	7-19 5A	W74-01900	7-04 5C	Disinfection by Chlorine, IV, Chlorinat Wastewater and Industrial Waters.	ion of
		PAL, D.			8 5D
Lead Concentration in Native Trout, W74-12275	7-23 5C	The Coanda-Effect Oil-Water Feasibility Study.	Separator: A	PALIWAL, K. V.	
		W74-11436	7-21 5D	Quality of Well Waters of Jaipur District,	
PAGLIARI, M. First Experimental Results on the Di	ffusion of	PALACAS, J. G.		W74-07106 7-1	4 4B
Fresh Water in a shallow bay, W74-03100	7-06 2L	Determination of Organic Carl	on in Modern	PALKO, A. A. Electrochemical Recovery of Reducible	Inor
		Carbonate Sediments, W74-04059	7-08 2J	ganic Pollutants from Aqueous Streams,	
PAGORIA, P. A. Industrial Wastewater Monitoring: B	asic Con-	PALAMAR-MORDVYNTSEVA, H			3 5D
siderations, W74-10978	7-21 5D	Effect of Supernatant Fluid of Desmus braunii Brunnth Cultu	the Ankistro-	Electrochemical Removal of Reducible ganic Pollutants from Aqueous Streams,	
PAHL, R. H.		ment of Algae in Waste Water		W74-12918 7-2	4 5D
Organic Desorption from Carbon-II. T		nigov Chemical Fiber Industr	ial Group, (In	Reactions and Transport Phenomena, a	t Sur-
of Solvent in the Desorption of Phe Wet Carbon,	enol from	Ukrainian), W74-02245	7-05 5C	faces, W74-00162 7-0	1 3A
	7-05 5A				. 34
PAILY, P. P.		PALAMARCHUK, I. K. Micro- and Mesobenthos Dev	elopment as a	PALLAS, J. E. JR. Diurnal Changes in Transpiration and	Dails
Hydrologic Response of Ice-Covered	Streams,	Factor of Soil Composition (In I	Russian),	Photosynthetic Rater of Several Crop Pla	nts,
W74-07832	7-15 2E	W74-04816	7-09 2H	W74-01597 7-0	3 2D

PALLAS, J. E. JR.

Tom 8. Severnyy Kavkaz. Chast' 6. Basseyn r. Chegema. Chast' 7. Basseyn r. Chereka), A Survey of Stomatal Movements and As-PALUMBO, R. F. Uptake of Molybdenum Marked with Mo-99, sociated Potassium Fluxes in the Plant King-W74-11216 7-21 20 by the Biota of Fern Lake, Washington, in a W74-05769 7-11 21 Laboratory and Field Experiment, 7-10 SC W74-05210 PALMASON, G. Field Studies on the Gonotrophic Cycle of Satellite Geological and Geophysical Remote PALUSOVA, O. Aedes Aegypti in Bangkok, Thailand, Sensing of Iceland--Preliminary Results from The Use of an Electron Capture Detector for W74-13365 Analysis of MSS Imagery, the Determination of Pesticides in Water, W74-01699 7-04 2C A Field Trial of Abate Larvicide for the Con-W74-11077 trol of Aedes aegypti in Bangkok, Thailand, PALMER, D. B. PALYANITSYNA, L. I. W74-10934 7-21 5G Agricultural Land Use Patterns, Productivity of Cereal Crops on Eroded Cher-W74-11606 7-22 6B nozems Against Both Non-Fertilized and Fertil-PANTELL, R. H. The Conflict Between Consumption and Polluized Backgrounds, (In Russian), Alternative Land and Water Management Pro-7-03 3F W74-01557 tion. grams. W74-13236 7-24 5G W74-11613 PAMATMAT, M. M. Oxidation of Organic Matter in Sediments, PANTIN, H. M. Water Control on Agricultural Land, W74-06528 Sedimentation in Hawke Bay, W74-11612 7-22 6B W74-04726 7-09 2L PAMPURA. V. D. PALMER, H. Heat and Mass Transfer in Hydrothermal PANTONY, D. A. Surface Properties of Water, Systems. Physical-Mathematical Models and Analysis by Means of Gas Bubble Electrifica-W74-11640 7-22 2K Experiments, tion W74-09005 7-17 2F PALMER, H. D. W74-02406 7-05 2K Geological Investigations, PAN'SHINA, T. N. W74-07657 7-15 5B PANUZIO, F. L. Certain Problems in the Quantitative Toxicolo-The Atlantic Coast of Long Island, Trace Metals Investigations, gy of Organophosphorus Compounds, 7-09 8A W74-04626 7-04 SB W74-07655 7-15 5B W74-01795 PAOLETTI DI CHIARA, ANDREINA PALMER, H. V. R. JR. PANASENKO, G. I. Study on the Periphytic Colonizations of a Hygienic Evaluation of a Portable Ion Recycling Wastes for Mariculture, Lateral Environment of the River Po(Italy), (In Exchange Filter For Field Purification of W74-03714 7-07 5G Italian). Drinking Water, (In Russian), W74-07702 PALMER, J. D. 7-15 2I W74-11175 7-21 SE Corrosion Basics. Pt. 7. New Light Shed On PAPADAKIS, E. P. Cathodic Protection, Organic Water Impurities and Evaluation of Ultrasonic Thermometry. Methods for their Removal in Water Mains (In Russian). W74-01501 7-03 7B Galvanic Effects Increase Corrosion, Part 2. W74-07862 7-15 8G PAPADOPULOS, S. S. W74-07904 Water from the Coastal Plain Aquifers in the PANDEY, K. C. Learn the Basics of Corrosion Control, On a New Trematode (Eucreadium Gangi H. Washington, D.C., Metropolitan Area, 7-15 8G W74-07892 SP.) From a Fresh-Water Fish Trichogaster W74-08597 7-16 4R Fasciatus Bloch and Schneider, PALMER, M. PAPAY, D. W74-10040 7-19 21 A Survey of the Animal Community of the Public Health Consequences of Mass Swarming Main Pond at Castor Hanglands National Na-Studies on Trematode Parasites of Luckow of Boophthora Erthrocephala (De Geer, 1776) ture Reserve, Near Peterborough, (India): I, Black Flies in County Szolnok During Floods 7-24 2H W74-12997 W74-09530 of 1970. W74-00477 PALMER, W. E. PANDYA. A. C. Wave-Powered Aerator. Volume Balance Method for Computing Infil-PAPAZOV, R. D. W74-02032 7-04 SD tration Rates in Surface Irrigation, A Method for Measuring the Quality of W74-05674 7-11 3F PALMER, W. G. Bedload Transported by Short Flood Waves, Foam Flotation Concentration of Sewage, W74-11541 PANFILOV, D. F. 7-14 5D W74-07214 Strength Calculations of Ice Cover, PAPENDICK, R. I. W74-12010 7-23 2C PALMISANO, A. W. Effectiveness of Two Nitrification Inhibitors The Effects of Hurricane Camille on the for Anhydrous Ammonia Under Irrigated and PANGGABEAN, G. Marshes of the Mississippi River Delta, Dryland Conditions, Soil Respiration in Different Types of 7-10 2L W74-04875 W74-07436 Southeast Asian Tropical Rain Forest, (In Ger-PALMS, J. M. man), Soil Mulch Effects on Seedbed Temperature W74-09246 7-17 2G Environmental Control in Nuclear Fuel and Water During Fallow in Eastern Washing-Reprocessing, ton. PANI, B. S. 7-22 5B W74-10333 Three-Dimensional Turbulent Wall Jets, W74-05827 A Gamma-Ray Spectrum Analysis Technique 7-11 8B PAPERIELLO, C. J. for Low-Level Environmental Radionuclides, Iodine-129 Levels in Milk and Water Near a W74-08888 PANOFSKY, H. A. 7-17 5A Nuclear Fuel Reprocessing Plant, Variation of the Low Level Winds During the Passage of a Thunderstorm Gust Front, W74-07798 PALUCH, J. 7-15 SR The Gas-Chromatographic Determination of W74-00545 7-01 2B

Catalog of USSR Glaciers. Volume 8. Northern

Caucasus. Part 6. Chegem River Basin. Part 7.

Cherek River Basin(Katalog lednikov SSSR.

PAPIKYAN, N. A.

Russian).

W74-12665

Water Status of Herbaceous Dominants on

Bottom Deposits Freed from Lake Sevan, (In

7-23 21

gewaessern),

W74-08433

Some Lignin Compounds in Surface Waters

(Die gaschromatographische Bestimmung

einiger Ligninverbindungen in Oberflaechen-

7-16 5A

PAPP, J.	PARIS, D. L.	PARKER, C. D.
The Use of Silicates and Polyelectrolytes for	The Carbon Cycle in Aquatic Ecosystems,	Water Quality Assessment Practice in Aus-
Flocculation,	W74-01801 7-04 5C	tralia,
W74-12420 7-23 5D	BARIC I P	W74-01089 7-02 2K
ALCHERT A T	PARIS, J. F.	PARKER, C. E.
PAQUETTE, A. J.	Significant Techniques in the Processing and	Feasibility of Water Reuse at Highway Rest
'Clean Energy Via Coal Gasification',	Interpretation of ERTS-1 Data,	Stations,
W74-02462 7-05 6B	W74-06652 7-13 7C	W74-11134 7-21 5D
PAQUIN, J. E.	Unsupervised Classification and Areal Mea-	W/4-11134
Measurements of the Turbulent Fluxes of Mo-	surement of Land and Water Coastal Features	PARKER, D. S.
mentum, Moisture and Sensible Heat Over the	on the Texas Coast,	Full-Scale Testing of a Water Reclamation
Ocean.	W74-06706 7-13 2L	System,
W74-04673 7-09 2E	W/4-06/06 /-13 2L	W74-10349 7-19 5D
117-04075	PARISI, V.	
PARAMASIVAM, R.	Predation on the Freshwater Bivalve Unio pic-	Upgrading Lagoons,
Bituminous Coal - A Substitute for Anthracite	torum by the Rat, Rattus norvegicus, (In	W74-03495 7-07 5D
Filter Media in Two-Layer Filtration of Water,	Italian),	BARVER E I
W74-08350 7-16 5F	W74-07008 7-13 2I	PARKER, F. L. Negatively Buoyant Jets in a Cross Flow,
	W 74-07000	W74-10200 7-19 5B
PARARAS-CARAYANNIS, G.	PARIZEK, R. R.	W /4-10200 /-19 3B
Ocean Dumping in the New York Bight: An	Analysis and Application of ERTS-1 Data for	PARKER, G.
Assessment of Environmental Studies,	Regional Geological Mapping,	On Water Resource Conditions in the Vicinity
W74-04863 7-10 5C	W74-01691 7-04 7C	of Pinellas County's Eldridge Wilde Well Field,
		W74-06232 7-12 4B
PARDEE, R. L.	Groundwater Tracing with Post Sampling Ac-	
Water Pollution Control,	tivation Analysis,	PARKER, G. B.
W74-02495 7-05 5G	W74-06889 7-13 2F	Demonstration of Three Recirculating Swine
PARROR C W		Waste Management Systems,
PARDOE, C. W.	Random Drilling for Water in Carbonate	W74-10198 7-19 5D
Structure and Mechanism of Precipitation and	Rocks,	
the Effect of Orography in a Wintertime Warm	W74-03141 7-06 8B	PARKER, G. G. JR.
Sector,		Public Water Supplies in the Seattle-Tacoma
W74-12975 7-24 2B	Renovation of Secondary Effluent for Reuse as	Urban Complex and Adjacent Areas, Washing-
PARDUE, H. L.	a Water Resource,	ton,
Design and Evaluation of a Vidicon Scanning	W74-10197 7-19 5D	W74-09640 7-18 7C
Spectrometer for Molecular Absorption and		Surface-Water Investigations on the Lummi In-
	Site Selection Criteria for Wastewater Disposal	dian Reservation, Washington,
Atomic Emission Spectrometry, W74-11394 7-21 5A	Soils and Hydrogeologic Considerations,	W74-12008 7-23 4A
W74-11394 7-21 5A	W74-12875 7-24 5D	W /4-12008 /-23 4A
PAREK, M. C.		Urbanized Areas Served by Sewers and Septic
A Study of Water-Soluble Inhibitory Com-	PARK, C.	Tanks in the Seattle-Tacoma Urban Complex
pounds (Algicides) Produced by Fresh-Water	Adjustment of River Channel Capacity	and Adjacent Areas, Washington,
Algae,	Downstream from a Reservoir,	W74-09639 7-18 7C
W74-05537 7-11 5C	W74-12298 7-23 4A	
W14-03337	DADE C N	PARKER, H. D.
PAREKH, R. C. AND	PARK, G. N.	Forest and Range Mapping in the Houston
Characteristics of Pulp and Paper Mill Wastes	Concepts in Vegetation/Soil System Dynamics:	Area with ERTS-1 Data,
and ISI Standards,	Post Steady-State,	W74-01683 7-04 4A
W74-04530 7-09 5B	W74-01739 7-04 2I	DARKER II III
	PARK, R. A.	PARKER, H. W.
Low Cost Methods for Treating Pulp and Paper		Continuous Solid Waste Retort - Feasibility
Mill Effluents,	Aquatic Modeling in the Eastern Deciduous	Study,
W74-04531 7-09 5D	Forest Biome, U.SInternational Biological	W74-00405 7-01 5D
	Program,	Costs for Large Scale Continuous Pyrolysis of
PARENT, R. G.	W74-06572 7-13 5C	Solid Wastes.
Field Test Evaluation of the High Temperature	PARK, W.	W74-00404 7-01 5D
Electrodialysis Process at Webster, S.D.,	Feasibility of Emission Standards Based on	7-01 30
W74-08345 7-16 3A		PARKER, J.
D. D. D. D. C.	Particle Size,	Lake Michigan,
PARENZIN, A. J.	W74-12219 7-23 5G	W74-09953 7-19 5C
Development of Criteria for Evaluating Urban	PARK, W. E.	
River Settings for Tourism-Recreation Use,	A Waste Treatment System for Confined Hog	PARKER, J. J.
W74-12866 7-24 6B	Raising Operations,	Cultural Practices for Irrigated Winter Wheat
PARFYUNAW, V. I.	W74-11792 7-22 5D	Production,
Dynamics of Forest, Meadow and Swamp		W74-10327 7-19 3F
Vegetation in Connection with Reclamation	PARKER, A.	PARKER, J. M.
(Based on Studies in Belorussia), (In Byelorus-	Radioactive Fallout in Air and Rain: Results to	
sian),	the Middle of 1973,	Recycling Fine-Paper Mill Effluent by Means of Pressure Filtration.
W74-09746 7-18 2I	W74-09876 7-19 5B	W74-00784 7-02 5D
7-10 21		17-00704 7-02 3D
PARHAD, N. M.	PARKER, B. C.	PARKER, M.
Effect of pH on Survival of Escherichia Coli,	Investigations of Freshwater Surface	Food Habits of the Mountain Whitefish,
W74-10890 7-20 5D	Microlayers,	Prosopium Williamsoni (Girard),
	W74-05410 7-11 5A	W74-13497 7-24 2I
PARIKH, K. S.		
Toward the Structure of a Production Function	Nutrient Factors Limiting Primary Productivity	PARKER, M. M.
for Wheat Yields With Dated Inputs of Irriga-	in Simulated and Field Antarctic	Determination of Copper and Zinc in Biological
tion Water,	Microecosystems,	Material,
W74-10600 7-20 3F	W74-00069 7-01 5C	W74-07712 7-15 5A

PARKER, P. L.

TARREN, T. S.		
PARKER, P. L. Response of Blue-Green Algae to Technetium,	Gravity Correction Due to a Variation of Pressure Head Within a Cavity,	PARSONS, D. A. Sediment Yield Estimates Based on Floodwater
W74-02050 7-04 5C	W74-06734 7-13 2G	Measurements and Samples, W74-03214 7-07 2J
PARKER, P. N.	Lateral Movement at the Periphery of a One-	
Using Improved Technology to Obtain Better Cement Jobs on Deep, Hot Liners,	Dimensional Flow of Water, W74-12309 7-23 2G	PARSONS, D. K.
W74-07878 7-15 8F	W 74-12509 7-25 20	A Way to Make the Desert Green, W74-02346 7-05 3B
	Movement of Salt and Water in Relatively Dry	W 74-02540 7-03 3B
PARKER, R. A. Capabilities and Limitations of Nutrient-Plank-	Soils, W74-01088 7-02 2G	PARSONS, L. S.
ton Model,	One-Dimensional Vertical Infiltration,	Symptoms of 'Red' Herring in Relation to the Mass Mortalities in Placentia Bay, February
W74-06570 7-13 5C	W74-07034 7-13 2G	April 1969,
PARKER, R. C.	G. B. M. L. C. Black of a David Brown Black	W74-00711 7-02 5C
Survey of Economic-Ecologic Impacts of Small Watershed Development,	Soil Moisture Distribution During Two-Dimen- sional Absorption from a Cylindrical Source,	PARSONS, T. R.
W74-11680 7-22 6B	W74-07042 7-13 2G	Environmental Control of Phytoplankton Cell
PARKER, R. S.	Stomatal Mechanics,	Size, W74-02998 7-06 5C
An Experimental Study of Drainage Basin	W74-07593 7-14 2I	
Evolution and the Influence of Landforms on	PARMELE, L. H.	Preliminary Survey of Mercury and Other
Hydrologic Variables, W74-09586 7-18 4A	Comparisons of Measured and Estimated Daily	Metals Contained in Animals from the Fraser River Mudflats,
W/4-09360 /-10 4A	Potential Evapotranspiration in a Humid Re-	W74-00764 7-02 5C
PARKER, S.	gion,	
The Tundra Microclimate During Snow-Melt at Barrow, Alaska,	W74-12988 7-24 2D	PARSONS, W. C.
W74-02095 7-04 2C	Hurricane Agnes Floods East Mahantango Creek.	Recycling Water A Simple Solution, W74-05274 7-10 5D
PARKES, J. D.	W74-02174 7-05 2E	BARTHENIARES E
An Evaluation of the Needs in Freshwater		PARTHENIADES, E. Depositional Behavior of Fine Sediment in a
Research and Related Public Information Facilities,	Hydrologic Impact of Tropical Storm Agnes, W74-11892 7-22 2B	Turbulent Fluid Motion,
W74-07838 7-15 6G		W74-03697 7-07 2J
	PARMENTIER, A. H.	Recent Investigations in Stratified Flows Re-
PARKHANI, C. Method and Apparatus for Removing Solids,	Slurry Concentrator and Filter Apparatus, W74-03003 7-06 5D	lated to Estuarial Hydraulics,
W74-08902 7-17 5D	174-03003	W74-07226 7-14 2L
BARVIONOWIE & V	PARMERTER, R. R.	DARTHINGE B F
PARKHOMCHUK, T. K. Hygienic Evaluation of the Quality of Water	Dimensionless Strength Parameters for Float- ing Ice Sheets,	PARTRIDGE, B. F. Determination of Ammonia Levels in Water
Obtained by Means of Electrodialysis Desalting	W74-05162 7-10 2C	and Waste Water with an Ammonia Probe,
of Imitation Sea Water, (In Russian),	1 W 1 - 1 1 1 W 1 1 - 1 D - 1 1	W74-13421 7-24 5A
W74-00478 7-01 3A	A Mechanical Model of Rafting, W74-05163 7-10 2C	PARVERY, F.
PARKHURST, J. D.		Ecological Study of Salmonella in Waste
Dewatering Digested Primary Sludge, W74-09441 7-18 5D	PARR, J. F. Chemical and Biochemical Considations for	Water, Stagnant Water, Running Streams and
W /4-09441 /-18 3D	Maximizing the Efficiency of Fertilizer	Domestic Wells of Anjou, (In French),
Regional Planning for Sewerage Systems,	Nitrogen,	W74-12152 7-23 5B
W74-02860 7-06 6A	W74-08326 7-16 5B	PARVULESCU, C.
Summary Report: Pilot Plant Studies on De-	PARR, W. H. JR.	Water Resources Distribution Optimizing,
watering Primary Digested Sludge, W74-00700 7-02 5D	Optimum Escapement Studies of Chignik	W74-12783 7-24 6D
W 74-00700	Sockeye Salmon, W74-08176 7-16 8I	PASCALE, A. S.
PARKIN, D. W.	W/4-061/0 /-10 61	Fourth Report on Horizontal-Tube Multiple-Ef-
Sea Waves and Beach Cusps, W74-04734 7-09 2J	PARRA, J.	fect (HTME) Process Pilot Plant Test Program, W74-11633 7-22 3A
	Long-Term Effects of Irrigation-Salinity Management on a Valencia Orange Orchard,	W74-11633 7-22 3A
PARKINSON, F. The Swirl Concentrator as a Grit Separator	W74-10420 7-20 3C	PASCALE, R. S.
Device,	DADDICH V V	Fifth Report on Horizontal-Tube Multiple Ef-
W74-10201 7-19 5D	PARRISH, K. K. Remating in a Planktonic Marine Calanoid	fect (HTME) Process Pilot Plant Test Program, W74-11634 7-22 3A
PARKS, C. F.	Copepod,	722 311
Chemical Method of Preventing Loss of Indus-	W74-08735 7-17 2I	PASCUAL, E.
trial and Fresh Waters from Ponds, Lakes and	PARRISH, L. P.	Studies on Copper, Iron, Manganese and Zinc in Oysters (Crassostrea Angulata) on the Gulf
Canals, W74-10883 7-20 4A	Multi-Disciplinary Study of Water Quality	of Cadiz (Estudios del cobre, Hierro, man-
	Relationships: A Case Study of Yaquina Bay,	ganeso y cinc en ostiones-Crassostrea angulata-
PARKS, W. L. Delineation of Major Soil Associations Using	Oregon, W74-07142 7-14 6B	Del Golfo de Cadiz),
ERTS-1 Imagery,		W74-12256 7-23 5C
W74-01678 7-04 2G	The Predicted Influence of Kraft Mill Effluent on the Fishery Resources,	Variation of Copper, Iron, Manganese and Zinc
PARLANGE, J-V.	W74-07145 7-14 5C	Contents of Oysters (Crassostrea Angulata) at
Vertical Infiltration into a Layered Soil,		Different Stages of Gonadal Development (Variaciones del contenido en cobre, hierro,
W74-00603 7-02 2G	PARRISH, P. R. Effects of the Polychlorinated Biphenyl	manganeso y cinc en relacion con la madura-
PARLANGE, J-Y.	Arochlor 1254 on the American Oyster Cras-	cion sexual del ostion, Crassostrea angulata, de
Analytical Theory of Water Movement in Soils,	sostrea Virginica,	las costas de Cadiz),
W74-12825 7-24 2G	W74-12259 7-23 5C	W74-12255 7-23 5C

PASE, C. P.	PATMORE, L. C.	PATTERSON, J. E.
Pressure Bomb Measures Changes in Moistu	e Statistical Prediction of Equilibrium Tempera-	A General Purpose Event Water-Level
Stress of Birchleaf Mountainmahogany Aft		Recorder.
Partial Crown Removal,	W74-03330 7-07 5A	W74-09604 7-18 7B
W74-00681 7-02		
***************************************	PATNI, N. K.	PATTERSON, J. W.
PASHKIN, L. M.	A Study of Foaming Problems in an Oxidation	Septic Tanks and Groundwater Pollution,
Biological Characteristics of the Volga Scho	Ditch Treating Swine Waste,	W74-09593 7-18 5B
of Beluga and Stellate Sturgeon, (In Russian),	W74-09703 7-18 5D	
W74-08126 7-15	21	Wastewater Treatment Technology (Second
	PATON, A. M.	Addition),
PASKALEV, M.	The Observation of Micro-Organisms on Sur-	W74-00582 7-02 5D
Operation of Pilot Plant Equipment for Puri		DATEPRON D I
cation of Effluents from the Stefan Kiradzhi		PATTERSON, R. J.
Pulp and Paper Mill in Novi Krich		Relationship Between the Hydrology, Fluid
(Syzlavane rezhim na rabota na poluproizvod		Chemistry and Diagenetic Mineral Formation in
vena prechistvatelna stantsiya za promishle		the Coastal Areas of the Persian Gulf, W74-12851 7-24 2L
otpadychni v odi ot KTsKh 'Stefan Kiradzhie		W /4-12031 /-24 2L
gr. Novi Krichim),	W74-05129 7-10 7C	Waste Disposal Systems from a Groundwater
W74-08417 7-16		Hydrology and Pollution Point of View,
PASKOFF, R.	PATRICK, C. H.	W74-08594 7-16 5E
The Plio-Quaternary Climatic Changes Alo	Pollution, Production, and Compensation,	W 14-00374
the Semiarid Seaboard of Chile,	¹⁸ W74-07064 7-14 5G	PATTERSON, R. K.
	D DATESTON I M ID	Mass and Composition of an Urban Aerosol as
W74-06478 7-12		a Function of Size for Several Visibility
PASQUINI, G.	Accumulation and Movement of Mirex in	Levels,
Forced Flow Passages in Karst Massifs,	Selected Estuaries of South Carolina, 1969-71,	W74-10969 7-21 5B
W74-03513 7-07	2J W74-06054 7-12 5B	
7-07		A Spectroscopic Study of Pasadena Smog,
PASTERNAK, K.	Effects of the Polychlorinated Biphenyl Arochlor 1254 on the American Oyster Cras-	W74-10995 7-21 5A
Occurrence and Cumulation of Microco		
ponents in Bottom Sediments of Dam Res	sostrea virginica,	PATTERSON, R. L.
voirs of Southern Poland,	W74-12259 7-23 5C	Applications of Linear Integer Programming to
W74-01565 7-03	B Residues in Fish, Wildlife, and Estuaries,	Problems of Land Use Allocation,
	W74-13317 7.24 SC	W74-00503 7-01 4A
The Spreading of Heavy Metals in Flow	ng .	
Waters in the Region of Occurrence of Natu		PATTERSON, S. J.
Deposits and of the Zinc and Lead Indust	y. Use of Alone Fenerially Diatoms in the As-	Biodegradation of Urea in River Waters Under
(Rozprzestrzenienie metali ciezkich w woda	sessment of Water Quality	Controlled Laboratory Conditions,
plynacych w rejonie wystepowania naturalny	ch W74-12180 7-23 5A	W74-03287 7-07 5B
zloz oraz przemyslu cynku i olowiu),		DA PERCON A
W74-02435 7-05	B PATRICK, W. H. JR.	PATTISON, A.
DAGNIZMONA D II	Nitrate Reduction in Soils: Effect of Soil	The Economics of Data Collection Systems,
PASTUKHOVA, E. V.	Maisture Tension	W74-11693 7-22 6C
Formation of the Benthos of the Ruz Reserv	W74 01593 7.02 3C	PATTON, D. R.
in the First Years of its Existence (1966-196	7),	A Literature Review of Timber-Harvesting Ef-
(In Russian),	The Role of Oxygen in Nitrogen Loss from	fects on Stream Temperatures: Research Needs
W74-09507 7-18	Flooded Soils,	for the Southwest,
PATEL, S. I.	W74-12290 7-23 2G	W74-06437 7-12 4C
Growth of Subirrigated Japanese Holly as	f.	1712 40
fected by Soil Type and Depth,	transformation of fron in a waterlogged Soil	PATTON, W. W. JR.
W74-09600 7-18	as Influenced by Redox Potential and pH,	Preliminary Geologic Application of ERTS-1
W 74-03000 7-10	W74-06934 7-13 5B	Imagery in Alaska,
PATERSON, R. A.		W74-01693 7-04 7C
Aquatic Fungi in Rivers: Their Distribution a	nd PATTEN, B. C.	7.04 76
Response to Pollutants,	Need for an Ecosystem Perspective in	PATTULLO, J.
W74-09810 7-19	5C Eutrophication Modeling,	Processes Affecting Seawater Characteristics
	W74-06567 7-13 5C	Along the Oregon Coast,
PATERSON, W. S. B.	namen n c	W74-00520 7-01 2E
Simple Method of Measuring the Aver-		
Amount of Water Produced Annually by M.	lt- Predation, Particularly by Sculpins, on Salmon	PATTULLO, J. G.
ing of Ice on a Glacier,	Fry in Fresh Waters of Washington,	Seasonal Variation of the Water Mass along the
W74-09343 7-18	2C W74-03058 7-06 21	Oregon-Northern California Coast,
	DATTEN D. T.	W74-09892 7-19 2K
PATHAK, A. N.	PATTEN, D. T.	
Correlations Between P, Fe and Mn Availab		PATWA, F. C.
ty in Water-Logged Soil at Different Ferti	ity W74-07109 7-14 2I	Population, Land Use and Livestock Composi-
Levels,	G Seasonal Water Potential Changes in Sonoran	tion in India and Its Arid Zone,
W74-08134 7-15	Desert Shrubs in Relation to Topography,	W74-07105 7-14 3F
PATIENT, E. L.	W74-06464 7-12 2I	PAUL 1.1
Computer Services and Application in		PAUL, J. L. Boron Release from Deionizers.
Greater London Council's Department		
Public Health Engineering,	Activated Sludge Disposal in a Subarctic En-	W74-08873 7-17 5B
		The Use of Questionnaires in Collecting Infor-
W74-12129 7-23	W74-08443 7-16 5E	mation for Urban Flood Control Planning,
PATINA, D. L.	7-10 JE	W74-08151 7-16 6F
Fluorine in Some Natural Waters of Ta	z- PATTERSON, C. O. P.	7-10 6
hikistan (Ftor v nekotorykh prirodnykh voda		PAULSON, C. A.
Tadzhikistana),	Green Algae: A Survey,	The Aidjex Lead Experiment,
W74-06310 7-12		W74-05158 7-10 2C

PAULSON, O. L. JR.

PAULSON, O. L. JR. Reconnaissance of the Flushing Characteristics	PAVLIDIS, YU. A. Recent Development of the Temryuk Coast on	PAYNE, L. F. Recording Water Use by Means of Digital
and Water Quality in Coastal Canals of the	the Azov Sea,	Equipment,
Gulf of Mexico,	W74-04430 7-09 2J	W74-10332 7-19 7B
W74-10531 7-20 5B	PAVLIK, J. W.	PAYNE, M. L.
PAULSON, R. W.	Nitrate Content of Well Water in West-Central	Self-Closing Irrigation Pipe Valve,
Near Real Time Water Resources Data for	Wisconsin.	W74-05670 7-11 8B
River Basin Management,	W74-00246 7-01 5B	7-11 05
W74-01150 7-03 4A		PAYNE, W. R. JR.
7 03 411	PAVLOS, P. G.	Herbicide Runoff from Four Coastal Plain Soil
Preliminary Analysis of ERTS-Relayed Water-	Experience with the Operation of Purification	Types,
Resources Data in the Delaware River Basin,	Equipment, (Opyt ekspluatatsii ochistnykh	W74-11805 7-22 5B
W74-02595 7-05 7B	sooruzhenii),	BAZOUBEV I
The IV- of EDTS 1 for Delevier Westerlands	W74-02272 7-05 5D	PAZOUREK, J. The Density of Stomata in Leaves of Different
The Use of ERTS-1 for Relaying Hydrologic Data in the Delaware River Basin.	PAVLOV, D. S.	Ecotypes of Phragmites communis,
W74-08583 7-16 7B	Effect of Illumination and Water Temperature	W74-11253 7-21 2I
W 74-06363 7-10 7B	on Critical Flow Rates for Fish, (In Russian),	7-21 21
PAULUS, H. J.	W74-06250 7-12 2I	PEABODY, F. R.
Direct Determination of the Total Atmospheric		Soil Modification for Dentrification and
Aerosol Mass Distribution,	PAVOLVIC, J. D.	Phosphate Reduction of Feedlot Waste,
W74-10967 7-21 5A	Oil/Water Separation and Recovery System,	W74-12216 7-23 5D
	W74-12451 7-23 5G	
PAULUS, R.	PAVONI, J. L.	PEACE, R. R.
Cook Inlet Sockeye Salmon Investigations,	Geologic Aspects of Landfill Refuse Disposal,	An Appraisal of the Groundwater Resources of
W74-10267 7-19 8I	W74-09375 7-18 5B	the Upper Cape Fear River Basin, North Carolina.
DATICZEK E U		W74-08605 7-16 4B
PAUSZEK, F. H. Digest of the 1972 Catalog of Information on	PAWLACZYK-SZPILOWA, M.	W /4-08003 /-10 4B
Water Data,	The Usefulness of Biological Tests for Deter-	PEACH, P. A.
W74-08600 7-16 10D	mining the Toxicity of Some Chemical Com-	Gelatin Coated Microscope Slides in Sedimen-
7710 100	pounds in Waters,	tary Size Analysis,
PAUTOU, G.	W74-13097 7-24 5C	W74-04055 7-08 2J
Ecological Research, Eradication of	PAWLAK, L.	
Mosquitoes, and Protection of Nature,	Dynamics of Changes in the Concentration of	PEACOCK, K.
W74-11189 7-21 5B	Fluorine Compounds Emitted by the	A Technique for Correcting ERTS Data for
	Phosphorus Fertilizer Manufacturing Establish-	Solar and Atmospheric Effects,
PAUTOVA, V. N.	ment in Pozan, and Their Influence on Surface	W74-06648 7-13 7C
Transpiration of the Main Tree Species on the	and Underground Waters and on the At-	PEANTEK, G.
Bol'-shoi Ushkanii Island (The Baikal Lake) in	mosphere Within th e Limits of the City of Poz-	The Phosphate Precipitation in Communal
Different Seasons (In Russian),	nan, (In Polish),	Waste Waters (Die Phosphat-Faellung in kom-
W74-05364 7-10 2D	W74-07021 7-13 5B	munalem Abwasser),
PAVELKO, L. T.	PAWLOWSKY, U.	W74-09521 7-18 5D
Character of Seasonal Distribution of	Mixed Culture Biooxidation of Phenol. I.	
Mineralization of Water in the Tsimlyansk	Determination of Kinetic Parameters,	PEARCE, B. R.
Reservoir (O kharaktere sezonnogo ras-	W74-03879 7-08 5C	Characteristics of Condenser Water Discharge
predeleniya mineralizatsii vody Tsimlyanskogo	17703017	on the Sea Surface (Correlation of Field Obser-
vodokhranilishcha),	Mixed Culture Biooxidation of Phenol. II.	vations with Theory), W74-05700 7-11 5A
W74-03528 7-07 2K	Steady State Experiments in Continuous Cul-	W 14-03/00 7-11 3A
DAMPONG M. C.	ture,	PEARCE, G.
PAVESIC, M. G.	W74-03880 7-08 5C	The Characterization of Spent Alkali/Oxygen
Environmental Survey of the Teton River and	Mixed Culture Biooxidation of Phenol. III. Ex-	Bleaching Liquor,
Henry's Fork of the Snake River, W74-01839 7-04 4A	istence of Multiple Steady States in Continuous	W74-12943 7-24 5A
W74-01839 7-04 4A	Culture with Wall Growth.	
PAVIA, E. H.	W74-03881 7-08 5C	PEARCE, J. B.
Water Reuse in Industry, Part 2 Transport		Trace Metals in Sediments of New York Bight,
Water.	PAWLUK, S.	W74-06012 7-12 5A
W74-00795 7-02 5D	Ferruginous Concretions in a Poorly Drained	PEARCE, J. C.
	Soil of Alberta,	An Economic Analysis of Alternative Sprinkler
PAVIA, E. H. AND	W74-06485 7-12 2G	Irrigation Distribution Systems on the Southern
Hypochlorination of Polluted Storm-Water	PAYLORE, P.	High Plains of Texas,
Pumpage at New Orleans,	World Desertification: Cause and Effect. A	W74-05924 7-11 3F
W74-04676 7-09 5D	Literature Review and Annotated Bibliography,	
PAVIENKO C V	W74-04461 7-09 3B	PEARCE, J. W.
PAVLENKO, G. V. Factors Responsible for Floodflow in Carnathia		The Demand for and Value of the Sport
Factors Responsible for Floodflow in Carpathian Rivers (as illustrated by the Strvy and Rys-	PAYNE, F. A.	Fishery on the Au Sable, Jordan, and Red
an Rivers (as illustrated by the Stryy and Bys- tritsa Rivers) (Faktory pavodochnogo stoka	Development of Prediction Relationships for	Cedar Rivers,
karpatskikh rek (na primers Stryya i Bys-	Water Requirements with Irrigation Cooling,	W74-02204 7-05 6B
tritsy)),	W74-05539 7-11 3F	Economic Evaluation of the Sport Fishery of
W74-00599 7-02 2E	High-Temperature, High-Pressure Extrusion of	the Au Sable River, Michigan,
7-02 25	Chicken Excreta,	W74-02203 7-05 6B
PAVLETIC, Z.	W74-00418 7-01 5D	7-03-00

Surface Water Storage Capacity of Selected Crop Leaves Under Irrigation Sprays, W74-04135 7-08 3F

PEARL, R. H.

Water Resources of the Powder River Basin and Adjacent Areas, Northeastern Wyoming, W74-12056 7-23 7C

Ecological Investigation of Eubacteria and Actinomycetes in Aquatic and Terrestrial Biotopes of Croatia (In Serbo-Croatian), W74-09351 7-18 5B

PEER, D. L.

PEASE, R. W.

PEARSON, E. A.

PEASE, J. R.

A Framework for Local Participation and Decision-Making,
W74-06116 7-12 6G

North Coastal Area Investigation. South Fork EEL River Study: A Summary of the Public	ERTS-1 Image Enhancement by Optically Combining Density Slices,	Observations on Mortalities of Benthic Organ- isms After Contamination of the Bottom of
Hearing Comments on the Preliminary Edition Dated January 1968, Final Supplement,	W74-06655 7-13 7C	Long Harbour, Placentia Bay, Newfoundland with Elemental Phosphorus,
W74-03476 7-07 6B	A New Fault Lineament in Southern Califor- nia,	W74-00710 7-02 5C
PEARSON, F.	W74-02570 7-05 7B	PEETERS, W. H. M.
The Use of Magnetic Iron Oxide for Recovery	PEASE, S. R.	Mercury-Selenium Correlations in Marine
of Virus From Water,	ERTS-1 Views the Great Lakes,	Mammals, W74-03603 7-07 5C
W74-10905 7-21 5D	W74-02602 7-05 7B	W /4-03603 /-0/ 3C
BEARGON E H		PEIRSON, D. H.
PEARSON, F. H. Evaluation of Prototype Crushed Limestone	PEASLEE, D. E.	Radioactive Fallout in Air and Rain: Results to
Barriers For the Neutralization of Acidic	Effect of Phosphate and Chloride Salts on Am-	the Middle of 1973,
Streams,	monification in Waterlogged Soils, W74-03445 7-07 2G	W74-09876 7-19 5B
W74-10693 7-20 5G	W 74-03443	РЕЈКА, Н.
	PECK, B. B.	Investigation on the Ecology and Control of
Neutralization of Acidic Wastes By Crushed	Copepod and Chlorophyll a Concentrations in	Wild Oat (Avena fatua L.) Under the Condi-
Limestone, W74-10694 7-20 5G	Receiving Waters of a Nuclear Power Station	tions in Wroclaw Voivodeship, (In Polish),
W 74-10094 7-20 3G	and Problems Associated With Their Measure- ment,	W74-02921 7-06 3F
PEARSON, G. A.	W74-11343 7-21 5B	PEJLER, B.
Suitability of Food Processing Waste Water for	***************************************	Rotifer Plankton in Brackish and Freshwater
Irrigation,	PECK, E. L.	Localities in Central Sweden,
W74-03482 7-07 5D	Accuracy of Precipitation Measurements for	W74-04041 7-08 5C
PEARSON, G. J.	Hydrologic Modeling, W74-12304 7-23 2B	PELINOVSKIY, Y. M.
The Behavior of Particulate Material in the	W 14-12304 1-23 2B	Propagation of a Finite-Amplitude Surface
Treatment Lagoons of a Bleached Kraft Pulp	PECK, T. R.	Wave With Allowance for Random Irregulari-
Mill,	Farm Ground Water Nitrate Pollution - A Case	ties of the Bottom,
W74-05615 7-11 5D	Study,	W74-04841 7-09 2J
	W74-04158 7-08 5B	PELLENBARG, R. E.
PEARSON, H. E.	PECKENPAUGH, J. M.	Trace Metals in Carbonate and Organic Rich
Test Well Yields Data on Hydrogeologic Pro- perties of Subsurface Materials,	Alluvial Ground Water Quality Alteration as	Sediments,
W74-10095 7-19 4B	Related to Solid Waste Disposal Sites in Iowa,	W74-06050 7-12 5A
117 1000	Part I: Text; Part II: Appendix,	PELLETIER, B. R.
PEARSON, J. E.	W74-06256 7-12 5B	A Re-Examination of the Use of the Silt/Clay
Distribution of Dieldrin in the Turtle,	PECKFELDER, R. L.	Ratios as Indicators of Sedimentary Environ-
W74-06124 7-12 5A	Wild River Peception and Management: A	ments: A Study for Students,
PEARSON, J. G.	Study of Users and Managers of the Middle	W74-05989 7-12 2J
A New Record of the Bowfin, Amia calva Lin-	Fork of the Salmon River,	PELLETT, H. M.
naeus, in the Upper Chesapeake Bay,	W74-00551 7-02 6B	Temperature and Moisture Effects on Harden-
W74-01986 7-04 2L	PECSAR, R. E.	ing of Apple Roots,
	Automated Gas Chromatographic Analysis of	W74-10882 7-20 3F
PEARSON, K. H.	Sulfur Pollutants,	BELEAN B. I
Dissipation and Phytotoxicity of Dicamba Residues in Water,	W74-12690 7-23 5A	PELTON, D. J. Summary ReportWeather Modification,
W74-02370 7-05 5B	PECSOK, R. L.	Fiscal Years 1969, 1970, 1971,
100 02	Computer Analysis of Data from Potentiomet-	W74-10233 7-19 3B
PEARSON, R. T.	ric Titrations Using ion-Selective Indicator	
NMR Studies of Water Adsorbed on a Number	Electrodes,	PELTON, J.
of Silica Surfaces,	W74-02978 7-06 2K	Environmental Study of ERTS-1 Imagery: Lake Champlain and Vermont,
W74-06405 7-12 2K	PEDLOSKY, J.	W74-02581 7-05 7B
PEARSON, R. W.	Longshore Currents and the Onset of Up-	
Response of Soybeans to Subirrigation,	welling Over Bottom Slope,	PEMBERTON, W.
W74-02082 7-04 3F	W74-11896 7-22 2L	Use of Computers by the Consulting Engineer in the Development of Water Resources,
	PEDROSA, H. X. A.	W74-12124 7-23 6A
PEARSON, W. D. Distribution and Condition of Fishes in a Small	Sanitation and Public Health Planning,	7-23 07
Reservoir Receiving Heated Waters,	W74-09317 7-18 5G	PEMBLE, T. D.
W74-13076 7-24 5C	BDDV II M	Preoperational Levels of Environmental
	PEEK, H. M. Feasibility Study of Liquid-Waste Injection	Radioactivity in Water and Sediment Around Turkey Point Nuclear Power Plants, Card
PEART, J. A.	into Aquifers Containing Salt Water, Wilming-	Sounds, Florida,
Protozoa from Blue Lake, Raoul Island,	ton, North Carolina,	W74-08971 7-17 5A
W74-01310 7-03 5C	W74-03362 7-07 5E	
PEART, R. M.	PEEL, C.	PENA, C. The Use of Deselted Security for Intensive
Simulation Model to Study the Utilization of	The Potential Role of Modern Desalination	The Use of Desalted Seawater for Intensive Agricultural Applications, (El Uso de Agua de
Waste Heat Using a Combination Multiple	Technology in the Development of Fresh Water	Mar Desalada Para Intensivas Aplicaciones
Reservoir and Greenhouse Complex,	Supplies in Under-Developed Territories,	Agricolas),
W74-09925 7-19 5D	W74 12426 7 24 2 A	W74.02350 7.05 7.4

PEELE, T. C.
Disposal of Peach Cannery Waste by Application to Soil,
W74-13460 7-24 5D

PENCE, D. T.
The Stack Monitoring System at the Idaho
Chemical Processing Plant,
W74-06824
7-13 5A

PENCZAK, T.

PENCZAK, T. Structure of Fish Groupings in the Rivers and Streams of the River Nida Drainage Basin, W74-07539 7-14 21	PEPPER, M. P. G. A Calibration of Instruments with Non-Random Errors, W74-06026 7-12 7B	PERHAM, R. E. AND An Analytical Study of a Coiled-Pipe Heat Sink, W74-04589 7-09 8B
117-01337		7.07.02
PENDIN, A. V. A Study of Bacterial Migration in Irrigated	PERA, L. AND On the Stability of Laminar Plumes: Some Numerical Solutions and Experiments,	PERKINS, H. F. Fixation of Zinc by Clay Minerals,
Soils, (In Russian), W74-12704 7-23 5B	W74-04662 7-09 5B	W74-07629 7-15 2G
PENG, C-Y. A Numerical Study of the Steady Circulation in	PERCY, K. Oregon's Estuaries: Description and Informa-	PERKINS, P. C. Scientific Information in the Decision to Dam Glen Canyon,
an Open Bay, W74-07924 7-15 2L	tion Sources for Oregon's Estuaries, W74-11575 7-22 2L	W74-05925 7-11 6G
	DEDDUE E M	PERKINS, R. W.
PENG, TAN SOON The Significance of Sump-Ponds in Harvesting Paddy-Field Fishes in North Krian, Perak. W74-13039 7-24 81	PERDUE, E. M. Organic and Inorganic Geochemistry of Some Coastal Plain Rivers of the Southeastern United States.	Low-Level Radioactivity Measurements, W74-05178 7-10 5A
W/4-13039 /-24 61	W74-05503 7-11 5B	PERKINS, W. S. Conservation of Water and Reduction of Pollu-
PENNELL, D. A.	Thermodynamics of Acid-Base Equilibria. III.	tion by Use of Solvent Systems for Coloring
Helminths of Sockeye Salmon (Oncorhynchus Nerka) from the Kvichak River System, Bristol Bay, Alaska,	Ionization of Substituted Anilinium Ions, W74-03140 7-06 1B	Textile Materials: An Economic Outlook, W74-05535 7-11 3E
W74-12719 7-23 5C	PERDUE, M.	A Fundamental Comparison of the Utility of
PENNINGS, J. H.	The Interaction of Water with Organic Solute	Trichloroethylene and Perchloroethylene in the
A Preliminary Survey of the Possible Con- tamination of Lake Nakuru in Kenya with	Species, W74-03762 7-08 1B	Application of Disperse Dyes to Polyester, W74-00433 7-01 3E
Some Metals and Chlorinated Hydrocarbon	PEREDNYA, A. E.	PERLA, R. I.
Pesticides, W74-04547 7-09 5C	Intensification of Sand Filter Operation (Intensifikatsiya raboty peschenykh fil'trov),	Generalization of Haefeli's Creep-Angle Analy-
PENNINGTON, H.	W74-12958 7-24 5D	sis, W74-00687 7-02 2C
Aquaculture: Problems with the Promise,	PEREDNYA, E. A.	
W74-05802 7-11 3F	Additional Purification of Chemically Treated	Hyperbolic Stress Equations for Compressible Slabs,
PENNINGTON, W.	Effluents (Doochistka Khimicheski obrabotan- nykh stochnykh vod),	W74-02624 7-05 2C
The Recent Sediments of Windermere, W74-12931 7-24 2J	W74-03071 7-06 5D	PERLINA, A. M.
	PEREGRINE, D. H.	Modification of Water Quality During Artificial
PENNOYER, S. Cook Inlet Sockeye Salmon Investigations,	Surface Shear Waves,	Groundwater Recharge, W74-00116 7-01 4B
W74-10267 7-19 8I	W74-12994 7-24 8B	
PENROSE, R. G. JR.	PEREIRA, D.	PERLIS, H. J. Adaptive Control Applied to a Water Quality
Laboratory Study of Self-Sealing Limestone	Lipopolysaccharide from a Gram-Negative Marine Bacterium,	System,
Plugs for Mine Openings, W74-04559 7-09 5G	W74-04896 7-10 5A	W74-11129 7-21 5G
W14-04339	PEREIRA, H. C.	Trajectory Sensitivity Profiles in a Class of
PENTON, J. W.	Land Use and Water Resources,	Distributed Optimal Water Quality Control
Oil Skimming Apparatus, W74-02491 7-05 5G	W74-03024 7-06 2A	Systems, W74-12970 7-24 7B
	PEREIRA, N. C.	W74-12970 7-24 7B
PENTREATH, R. J. The Accumulation and Retention of 59Fe and	Dynamic Analysis and Optimal Feedback Con-	PERLYUK, M. F.
58Co by the Plaice, Pleuronectes Platessa L.,	trol Synthesis Applied to Biological Waste Treatment,	Photosynthesis and the Mechanism of the Ac- tion of Cyanide on Cell Respiration and Plu-
W74-11300 7-21 5C	W74-13026 7-24 5D	tonium-239 Accumulation by Marine Algae,
The Accumulation and Retention of 65Zn and	PERELMAN, S.	W74-04179 7-08 5C
54Mn by the Plaice, Pleuronectes Platessa L., W74-11299 7-21 5C	A Systems Approach to Problem Oriented Research Planning: A Case Study of Food	PEROV, V. F. The Alma-Ata Mudflow of July 15, 1973
The Accumulation from Sea Water of 65Zn, 54Mn, 58Co and 59Fe by the Thornback Ray,	Production Wastes, W74-11040 7-21 5G	(Almatinskiy sel' 15 iyulya 1973 g.), W74-10376 7-20 2J
Raja Clavata L.,	PEREZ DEL VISO, R.	PERRET, N. G.
W74-11304 7-21 5C	Preliminary Results of Studies About the Plankton of the 'Laguna Setubal' (Santa Fe,	Waterfowl Habitat Trends in the Aspen Par- kland of Manitoba.
Radioecology of the Plaice (Pleuronectes platessa L) in the Northeast Irish Sea,	Argentina), (In Spanish),	W74-03517 7-07 4C
W74-07802 7-15 5C	W74-06238 7-12 2H	
PENTZ, H. L.	PERHAC, R. M.	PERRET, P. Attempt at Mollusk Control by Increasing the
Method and Apparatus for Removing Solids,	Toxic Metals in Lake and River Sediments, W74-12909 7-24 5B	Planktonic Biomass and by Molluscicidal Treat-
W74-08902 7-17 5D		ment: The Urea-N-Tritylmorpholine Associa- tion (In French),
PENY, J.	Water Transport of Heavy Metals in Solution and by Different Sizes of Particulate Solids,	W74-02226 7-05 SC
Study of the Adaptation of an Activated Sludge	W74-08238 7-16 5B	Proliminary Pacults of the Project for Co-
to the Purification of an Industrial Effluent (Etude de l'adaptation d'une boue activee a	PERHAC, R. R.	Preliminary Results of the Project for Con- trolling and Preventing Schistosomiasis in the
l'epuration d'un effluent industriel),	Toxic Metals in Sediments,	Lower Mangoky (Malagasy Republic),
W74-07389 7-14 5D	W74-12025 7-23 5A	W74-00992 7-02 5F

				DESCRIPTION D. II	
PERRIE, L. A.	in Cadiman	PERSOONE, G.	Danhaia and	PETERSEN, D. H. Environmental Impact Study fo	- Evenneign on
Gelatin Coated Microscope Slides	in Sedimen-	A Culture System for Artemia, 1 Other Invertebrates, with Contin		the Village Creek Sewage Treatr	
tary Size Analysis, W74-04055	7-08 2J	tion of the Larvae,	uous Separa-	W74-01035	7-02 5D
W 74-04055		W74-03283	7-07 5A		, 42 32
PERRIER, E. R.			, 0, 5,,	PETERSEN, E. V.	
An Isokinetic Sampler for Wind	Erosible Silt	PESCHKE, G.		Footage, Trip Time are Factor	s in Choice of
and Clay Particle Measurement,		A Recording Meter for Measuring	the Overland	Downhole Motors,	
W74-06902	7-13 2J	Flow,		W74-10854	7-20 8C
Performance of a Tile Drainage	System: An	W74-11530	7-22 7B	PETERSEN, H.	
Evaluation of a Tile Design and Ma		PESHAKOV, G.		APDC-MIBK Extraction System	n for the Deter-
W74-06596	7-13 3F	Effect of Green Fertilizer on Grap	w Vield	mination of Copper and Iron in	
		W74-05346	7-10 5B	Water by Flameless Atomic-Al	
PERRINI, F.	- 41-1	₩ /4-03346	/-10 3B	trometry,	
Test and Evaluation of Oil Pollution Devices for Shipboard Use, Phase		PESSONEY, G. F.		W74-11078	7-21 5A
W74-08450	7-16 5G	Reconnaissance of the Flushing C	Characteristics		
# /4-08430	7-10 30	and Water Quality in Coastal (PETERSEN, M. K.	
PERRY, F. G. JR.		Gulf of Mexico,		Some Estimated Impacts of the	Proposed Ames
Economic Impact of Pollution A		W74-10531	7-20 5B	Reservoir Upon Wildlife,	0.00 CD
the Sulfite Segment of the U.S. Pu	alp and Paper			W74-11583	7-22 6B
Industry,		PETELINA, N. A.		PETERSEN, M. S.	
W74-05277	7-10 5D	Compositional Modeling of		Case Description: Morrison	Creek Stream
PERRY, H. M.			odelirovaniye	Group Basin, California,	Cook Girouil
Seasonal and Areal Distri	bution and	gidrografov),	210 00	W74-00448	7-01 6F
Abundance of the Copepoda in		W74-05146	7-10 2A	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 01 01
Estuarine System,	- monage ph	PETERFI, L. S.		PETERSON, A. C.	
W74-02637	7-05 2L	Contribution to Knowledge abo	ut the Alone	Some observations on the In	
		(Excluding Bacillariophyceae)		Novobiocin Into Hektoen Enter	ric Agar for Im-
PERRY, J. E.		Waters of the Iron Gates of the D		proved Salmonella Isolation,	
Effect of Helium Gas at Elevated		W74-02699	7-06 5C	W74-00617	7-02 5A
Iron Transport and Growth of Esc			, 00 50	PETERSON B I	
W74-04897	7-10 5C	PETERING, H. G.		PETERSON, B. J. Experimental Studies on Physics Experimental Stu	tonlankton Suc-
PERRY, J. J.		Interferences in the Determination	on of Metallic	cession in Cayuga Lake,	opiankion Suc-
Studies on the Degradation of	Petroleum by	Elements in Human Hair, An		W74-02217	7-05 5C
Filamentous Fungi,		Zinc, Copper, Lead and Cad	dmium Using	117-02217	7-03 30
W74-08619	7-16 5B	Atomic Absorption Spectrophoto	metry,	PETERSON, C. A.	
		W74-09760	7-18 5A	Influence of Various Initial Me	oisture Contents
PERRY, L.	A T-	BEFERVA I I		on Decay of Sitka Spruce and	Sweetgum Sap-
California Coastal Zone Conserva terim Permit Control, General,	ation Act, in-	PETERKA, J. J.	ome in Cairie	wood by Polyporus Versicolor i	n the Soil-Block
W74-03379	7-07 6F	Causes and Control of Algal Blo wood Lake, North Dakota,	oms in Spirit-	Test,	
W 14-03319	7-07 01	W74-03906	7-08 5C	W74-06487	7-12 2I
PERRY, M. W.		W 74-03900	7-00 30	PETERSON, C. L.	
Permeation of Uncharged Organ		PETERMANN, E.		Mercury in Tunas: A Review,	
and Water Through Tomato Roots		New Measuring Methods for Eva	aluating Waste	W74-09574	7-18 5B
W74-05852	7-11 3F	Water Quality (Neuere Messy		# 14-03314	7-16 JB
PERRY, P. F.		Beurteilung der Abwasserqualitae	et),	PETERSON, F. L.	
An Investigation of the Optional	On-Line Con-	W74-05259	7-10 5A	Effects of Well Injection on a I	Basaltic Ghyben-
trol of a Water Supply Network,				Herzberg Aquifer,	
W74-12143	7-23 4A	PETERS, C. E.	and Dark at	W74-06264	7-12 5B
		Instrumentation and Environme	ntal Kadiation		
PERRY, R. A.		Assessment Systems,	717 47	Neutron Well Logging in Hawa	
Mercury Recovery from Process S		W74-08876	7-17 5B	W74-09053	7-17 4B
W74-11699	7-22 5D	PETERS, H. J.		PETERSON, G. A.	
PERRY, R. L.		Groundwater Management,		Further Evidence for the Inabi	lity of the Kiel-
Skip-Lot Sampling Plans,		W74-06334	7-12 4B	dahl Total Nitrogen Method to	
W74-00627	7-02 7C			Indigenous Fixed Ammonium	
		PETERS, H. T.		soils,	
Two-Level Skip-Lot Sampling Pl	lans - Operat-	Nature and Stability of Com	plex Mercury	W74-08819	7-17 2G
ing Characteristic Properties,	7.07 7.0	Compounds in Surface and Groun			
W74-03291	7-07 7C	W74-02441	7-05 5A	PETERSON, G. E.	
PERSON, H. L.		DOWNERS D. P.		Illinois Storm Sewer System Si	mulation Model:
Automated Hydraulic Waste-Har	ndling System	PETERS, R. E.	anna Taranda	User's Manual,	
for a 700-Head Swine Facility U		Ammonia Volatilization and Nitro		W74-03763	7-08 5D
lated Water,		mations in High pH Soils U Manure Disposal,	sed for Beel	PETERSON, G. W.	
W74-09682	7-18 5D	W74-10143	7-19 5B	Mapping of Agricultural Land	Use from FRTS.
A Companion of There Co.	for Tonner	474-10143	7-19 3B	1 Digital Data,	D.J HOM ERIG.
A Comparison of Three Systems		PETERS, R. H.		W74-06640	7-13 4A
and Treatment of Swine Manure,		Nutrient Balances for the	Evaluation of	77 17 00010	, 13 4A
W74-00416	7-01 5D	Nutrient Sources in Water Ou		PETERSON, J. H. JR.	
An Evaluation of Three Hydr	aulic Manure	ment,	,	Public Participation in W	
Transport Treatment Systems,		W74-08928	7-17 5B	Planning and Decision-Making	
Rotating Biological Contactor,				mation-Education Programs:	A State-Of-The-
Surface Aerators,		Storage and Processing of Water	-	Arts Study,	
W74-09685	7-18 5D	W74-01293	7-03 7C	W74-10393	7-20 6B

PETERSON, J. L.

PETERSON, J. L.	
Seasonal Variations in	Residues of Chlorinated
Hydrocarbon Pesticide	s in the Water of the
Utah Lake Drainage Sy	
W74-01780	7-04 5B
PETERSON, J. O.	
Dilutional Pumping at S	nake Lake, Wisconsin,
W74-04108	7-08 5C
PETERSON, J. P.	
Enhanced Dispersion i	n Drag Reducing Open
Channel Flow	

Channel Flow, W74-08390 7-16 5B PETERSON, J. R. Chemical and Biological Quality of Municipal

Sludge, W74-12871	7-24	5D
Human and Animal Wastes as	Fertilizers,	
W74-00419	7-01	5D

PETERSON, K.		
Kra Canal Project: A Preliminary A		
of Nuclear Excavation Feasibility	for I	Route
5A, W74-13119	7-24	8H

PETERSON, L. A.	
Effects of Highway Bridge Con	struction on a
Subarctic Stream,	
W74-02295	7-05 4C
Response of Irrigated Corn to Ti	ime, Rate, and
Source of Applied N on Sandy So	oils,
W74-10338	7-19 3F
PETERSON, M. R.	

Irrigation Disposal of Milking Center	Waste	s,
W74-10304	7-19	5D
PETERSON S. A.		

Full-Scale Harvest of Aquatic Removal from a Eutrophic Lak	
W74-09438	7-18 5G
Weed Harvest and Lake Nutrie	nt Dynamics,
W74-00150	7-01 5C

PETERSON, W. G. Agricultural Drainage	e and	the	Public	Inter	rest,
(Part I), W74-13232				7-24	3F

Playing to Win in the Drainage Game	,	
W74-10733	7-20	6E

PETERS	ON, W.	H.				
South	Dakota	Standards	for	Irrigation	Pu	mps
w74-0	ower Uni 17895	its,		7-	15	8C

PETINOV, N. S.	
Water Metabolism of Plants Di	iring Oxygen
Deficiency, (in Russian),	
W74-11196	7-21 2

Water Regimen and	Nitrogen	and Phospho	orus
Metabolism in	Plants	Affected	by
Chlorocholinechlorie	de (CCC),	(in Russian),	
W74-10604		7-20	3F

PETR, T. Benthic Fauna of a Tropical (Volta Lake, Ghana 1965-1968)		Lake
W74-04636	7-09	2H

PETRAKOV, YE. V.	
Some Characteristics of Fluoride	Migration in
Groundwater of Moldavia (O	nekotorykh
osobennostyakh migratsii ftora v	podzemnykh
vodakh Moldavii),	
W74-05016	7-10 2K

r	EIKA	scu,	S.						
	Hydro	cher	nic	al	Investiga	tio	ns Re	gardin	g the
	River	Olt,	in	the	Section	of	Turnu	Rosu	Pass,

(In Rumanian), W74-02903 7-06 2K PETRIK, M.

Limnological	Characteristics	of	Jezero	on	the
Island of Krk, W74-02386	(In Serbo-Cros	tia	n),	ns	2H
11 14-02300			,-	0.5	211

retrisheney, v. s.		
Calculation of Heat Transfer in Tu	irbulent I	low
with Allowance for Secondary Flo	w,	
W74-02904	7-06	8E

PETROCE	LLI, S	. R.				
Uptake	and	Accumula	tion	of	an	Or
ganochlo	rine	Insecticide	(Die	eldrin)	by	ar
Estuarin	e Mol	lusc, Rangia	Cune	ata,		
W74-060	31				7-12	50

PETRONE,	A.				
Sediment	Distribution	and	Coastal	Processes	in
Cook Inle	t, Alaska,				
W74-0667	1			7-13	2L

P	ETRONIO, F.
	Accumulation Phenomenon Which takes Place
	in a Mussel (Mytilus galloprovincialis LMK)
	Grown in an Artificially Polluted Environment,
	Verification of a Simplified Model of the
	Dynamic Equilibrium of Metal Ripartition
	Between Mussels and Sea-Water, Note II-Pol-
	lution from Copper, (Fenomeno di Accumulo
	Nel Mitilo (Mytilus galloprovincia-Lis LMK)
	Stabulato in Ambiente Artificialmente Inquin-
	ato. Verifica di un Modello Semplificato per
	The state of the s
	L'equilibr io Dinamico di Ripartizione del
	Metalli fra Mitilo e Acqua Marina, Nota II:
	Inquinamento da rame),

W74-07	746			-15	50
			Hydrocarbons	in	the
Norther W74-10	n Adriatic 794	Sea,	7	-20	51

Marine Pollution by Metals and	Their Accumu
lation by Biological Indicators	(Accumulation
W74-10793	7-20 50

P	A Computer S	,	 n Mode	l for Flood	Plair
	Development. Applications.				
	W74-07296			7-14	6A

PETROV, E. G					
Filter - Fo	r Clarifying	Natural	and	W	aste
Waters,					
W74-10348			7-	19	51

P	ETROVA, M. A.		
	Primary Production and Destru	ction of Or	ganie
	Matter in 2 Lakes of Different sian).	Types, (In	Rus
	W74-03944	7-08	50

•	ETROVA, N. A Determination		Micro	gra	m Qua	ntitie	s 0
	Polyethylene sian),	Poly	amines	in	Water,	(In	Rus
	W74-04701					7-09	5/

2	ETROVA, N. K.		
	Arsenic-Containing Carbona	ted Waters,	Occur
	rence Peculiarities, Chemica	l Compositio	n, Oc
	currence	Con	dition
	(Mysh'yaksoderzhashchiye	uglekislye	vod

Kavkoza	(osobennosti	rasprostraner	iya,
khimicheski	y sostav, usloviya	formirovaniy	a)),
W74-10884		7-20	2K

P	ETROVIC, G.
	A Comparison of the Content of Microelements
	in the Water of the River Danube Near Vienna
	and Belgrade for 1961-1970 (Ein Vergleich des
	Gehaltes an Spurenelementen im Donauwasser
	bei Wien und Beograd fue 1961-1970),
	W74-02436 7-05 5A

	Inundation	Region	of	the	Danube,	Km	
1402 W74	-04080				7-08	2K	

PETRUSENKO, A.	A.		
Ground Beetles	(Coleoptera,	Carabidae)	from
the Boggy Areas	of the Crime	a, (in Russia:	n),
W74-08103		7-1	5 21

PETRUSENKO, S.	v.		
Ground Beetles	(Coleoptera,	Carabidae)	from
the Boggy Areas	of the Crimes	, (in Russia	n),
W74-08103		7-1	5 21

PETTERSSON, B.		
Maritime Sands,		
W74-12556	7-23	2L

PETTIBON	E,	H.	c.				
	of	an	Underground	Room	in	Fre	zen
Gravel, W74-0441	18				7.	-09	2C

PETTIJOH	N, L. L.				
Fish Vir	uses: Isolation a	nd Identifi	cati	on of	In-
fectious	Hematopoietic	Necrosis	in	Eas	tern
North A	merica,				
W74.053	22			110	

PETTIJOHN, R. A. Water Resources of the Maumee	River Basin,
Northeastern Indiana, W74-13191	7-24 7C

PETTY, M. S	3.		nts in Water by Ram				
Detection	of	Pollutants	in	Water	by	Raman	
Spectrosco							
W74-02164					7	AS SA	

PETTY, R. G.		
Dams and Reservoirs in Texas: Part	II,	
W74-03375	7-07	8A

ERTS-1 Investigation of Ecological	Effects	of
Strip Mining in Eastern Ohio, W74-02572	7-05	7B

W74-02572	7-05	7B
PETTYJOHN, W. A.		
Concentration and Distribution of	Trace	Ele-
ments in the Maumee River Basin, ana and Michigan,	Ohio,	Indi-
W74-10084	7-19	5B
Flow Analysis of Hydraulic Conne		n Ar-

W74-02		narge Sy	stems, A Mo	7-	
PEVEAR,	-				
Source	of	Recent	Nearshore	Marine	Clays.

Southeastern United States, W74-07238	7-14 2L
PEW, K. A. Data Acquisition and Combine	d Sewer Con-
trols in Cleveland, W74-09716	7-18 5D
W /4-05/10	/-16 3L

PEWE, T. L. Distribution of Permafrost in North America	PHELPS, G. T. AND Spectra of the Temperature and Humidity Fluc-	PHILLIPS, J. M. Interfacial Interaction of Water and Silicate
and Its Relationship to the Environment: A Review, 19631973,	tuations and of the Fluxes of Moisture and Sen- sible Heat in the Marine Boundary Layer,	Minerals, W74-09805 7-19 2K
W74-04353 7-09 2C	W74-04672 7-09 2E	
	DIFFI DO D I	PHILLIPS, O. M.
PEWE, T. L. AND	PHELPS, P. L. Ge(Li) Low Level in Situ Gamma-Ray Spec-	The Equilibrium and Stability of Simple Marine
Geochemistry of Permafrost and Quaternary Stratigraphy,	trometer Applications,	Biological Systems. I. Primary Nutrient Con- sumers.
W74-04364 7-09 2C	W74-08886 7-17 5A	W74-01822 7-04 5C
MEANINETICH II O	PHELPS, R. W.	On Small Scale Beaching Ways
PFANNKUCH, H. O. Hydrogeologic Framework for Deterioration in	An Approach to the Determination of the	On Small Scale Breaking Waves, W74-02144 7-04 2E
Groundwater Quality.	Variability of Wind Through the Use of Quasi-	7-04 22
W74-00569 7-02 5B	Conservative Thickness FieldsChapter IV of	PHILLIPS, R. E.
	a Compilation of Studies from Atmospheric	Irrigation Disposal of Milking Center Wastes,
PFEIFER, R. J. Labortory Testing and Field Test Support of	Variability Experiment (AVE), W74-00855 7-02 2B	W74-10304 7-19 5D
the SO-2 Stack Gas Monitor,	W /4-00833 /-02 2B	Self-Diffusion Coefficients of Selected Herbi-
W74-09834 7-19 5A	A Compilation of Studies from Atmospheric	cides in Water and Estimates of Their Trans-
	Variability Experiment (AVE),	mission Factors in Soil,
PFEIFFER, G. H.	W74-00851 7-02 2B	W74-03778 7-08 5B
Financing Private Water Resource Develop-	PHILBRICK, S. S.	PHILLIPS, R. L.
ment: Analysis of A State Loan Program, W74-02221 7-05 3F	What Future for Niagara Falls,	Lagoons for Milking Center Wastes,
W 74-02221 7-03 3F	W74-05135 7-10 2J	W74-09708 7-18 5D
PFEIFFER, M. G.		
The Effect of the Brunner Island Steam Elec-	PHILIP, J. R.	PHILLIPS, S. A.
tric Station's Condenser Discharge Water on	On Solving the Unsaturated Flow Equation: The Flux-Concentration Relation,	Evaluation of the Bio-Disc Treatment Process
the Aquatic Life in the Susquehanna River, W74-04228 7-08 5C	W74-02464 7-05 2G	for Summer Camp Application, W74-01118 7-03 5D
W74-04228 7-08 5C		W/4-01116
PFISTER, R. M.	On Solving the Unsaturated Flow Equation: 2.	PHILLIPS, W. J. II.
Associated Organelles in the Blue-Green Alga,	Critique of Parlange's Method.	The Direct Reuse of Reclaimed Wastewater:
Anacystis Nidulans,	W74-04492 7-09 2G	Pros, Cons, and Alternatives,
W74-02927 7-06 5C	PHILIPPART, J-C.	W74-11153 7-21 5D
Growth of an Adherent Mixed Microbial Cul-	Age and Growth of the Chub Leuciscus cepha-	PHILLIPS, W. M.
ture in a Substrate Limited Single State Chemo-	lus (L.) in the Ourthe River and Berwine Creek,	Waste Management: Generation and Disposal
stat,	(In French), W74-01097 7-02 2I	of Solid, Liquid and Gaseous Wastes in the
W74-02661 7-06 5C	W/4-0109/ /-02 21	New York Region,
PFITZENMEYER, H. T.	PHILIPPI, G.	W74-09353 7-18 5G
The Effects of the Maryland Hydraulic Clam	The Moss Vegetation of the Forests in the	PHIPPEN, G. R.
Dredge on Populations of the Soft-Shell Clam,	Rhine Lowland Between Basel and Mannheim,	On a Flood Plain: Can a Right Go Wrong,
'Mya Arenaria,'	(In German), W74-08131 7-15 2I	W74-11698 7-22 6F
W74-07994 7-15 8I	***************************************	PHIPPS, R. L.
Molluscs of the Chesapeake Bay,	PHILLIPS, C.	The Soil CreepCurved Tree Fallacy,
W74-00912 7-02 2L	Systems Simulation of Economic Factors and	W74-09918 7-19 2J
	Their Relation to the Water System of Wyom- ing's Platte River Basin,	
PFLUGER, A. E.	W74-03892 7-08 6A	PICCIALLI, A. A Simple Turbidimeter for Rapid Determina-
Woody Phreatophytes Along the Colorado River From Southeast Runnels County to the		tion of Low Bacteria Concentrations,
Headwaters in Borden County, Texas,	PHILLIPS, C. A.	W74-06147 7-12 5A
W74-08371 7-16 3B	Coxsackievirus B Epidemic at a Boys' Summer Camp: Isolation of Virus from Swimming	
	Water,	PICHON, J.
PHAN, THE TRAN	W74-12698 7-23 5A	Apparatus for Removing Surface Pollutants
Toxicity Control of Industrial Wastewaters and Pesticide-Polluted Waters in Vietnam,		from Water and Other Liquids, W74-07223 7-14 5G
W74-08480 7-16 5C	PHILLIPS, C. R.	7-14 30
	Radiological Survey of New London Harbor, Thames River, Conn., and Environs,	PICHON, M.
PHATAK, D. B.	W74-08645 7-16 5B	Treatment of Alkali Extraction Effluents by
Programmable Temperature Controllers,		Ultrafiltration (Traitement des effluents de
W74-06145 7-12 7C	PHILLIPS, D. W.	sodation par ultrafiltration), W74-11114 7-21 5D
PHEASANT, D. R.	November 1972 Floods on the Lower Great Lakes,	7-21 30
Delimitation of Weathering Zones in the Fiord	W74-10050 7-19 2H	PICK, A. R.
Area of Eastern Baffin Island, Canada,		Further Field Investigation on Aerated
W74-07937 7-15 2J	PHILLIPS, G. W.	Lagoons in the City of Winnipeg, W74-10167 7-19 5D
PHELPS, D. J.	The Economics of the Cattle Feeding Industry in Arizona.	# /*-1010/ /-19 3D
Flow Characteristics of the Outlet Channels of	in Arizona, W74-00758 7-02 6C	PICK, J.
Lake Winnipeg for Natural and Regulated Con-	7-02 00	Electrochemical Study of a Heterogeneous
ditions,	PHILLIPS, H.	Copper(II)-Selective Electrode; Study of Selec-
W74-12091 7-23 8B	Over 40 Years of Regional Services,	tivity and Potential Stability, W74-00637 7-02 2K
PHELPS, G. T.	W74-09146 7-17 6E	W74-00637 7-02 2K
Measurements of the Turbulent Fluxes of Mo-	PHILLIPS, J. A.	PICKENS, L. G.
mentum, Moisture and Sensible Heat Over the	Management of Lands Used for Waste	Effect of Bacillus Thuringiensis in Cattle
Ocean,	Disposal,	Manure on House Fly Larvae,
W74-04673 7-09 2E	W74-09424 7-18 5D	W74-00414 7-01 5G

PICKERING, G. A.

PICKERING, G. A. Outlet Works, Warm Springs Dam, Dry Creek, Russian River Basin, Sonoma County, Califor-	PIERRE, J-F. The Diatomaceous Populations in the Basin of the Meurthe River: Attempt at an Hydrobiolog-	PILCHER, K. S. Effects of Temperature on Diseases of Salmonid Fishes,
nia, W74-08584 7-16 8A	ical Synthesis, (In French), W74-04288 7-08 2I	W74-08834 7-17 5C
W 74-08364		PILE, D. R.
Spillway for Lock and Dam 26, Mississippi River, Missouri and Illinois, W74-11990 7-22 8B	PIERSALL, C. H. JR. Cost Analysis of Optional Methods of Ship-board Domestic Waste Disposal,	Determination of Land Use in Minnesota by Automatic Interpretation of ERTS MSS Data, W74-06702 7-13 4A
PICKERING, Q. H.	W74-04115 7-08 5D	PILIE, R. J.
Chronic Toxicity of Nickel to the Fathead Min- now,	PIERSON, H. G. W. Countercurrent Washing Turns the Tide	An Investigation of the Microphysical and Micrometeorological Properties of Sea Fog,
W74-13485 7-24 5C	Against Rising Effluent Costs, W74-08228 7-16 5D	First Summary Report, Project Sea Fog,
PICKFORD, C. J.	777 00220	W74-09406 7-18 2B
Analysis of High-Purity Water by Flameless Atomic-Absorption Spectroscopy. Part II. Signal Integration with a Non-Resonance Line Correction System for Spurious Absorption Phenomena,	PIERSON, W. J. JR. The Elevation, Slope, and Curvature Spectra of a Wind Roughened Sea Surface, W74-04476 7-09 2E	PILINSKAYA, N. F. Purification of Sulfite Mill Effluents from Lignosulfonates (Ochistka promstokov sulfit- no-tsellyuloznogo proizvodstva ot lignosul*fonatov),
W74-02385 7-05 5A	PIERSON, W. R. The Elemental Composition of the Aerosol in	W74-08412 7-16 5D
	Pasadena, California,	
PICKLE, H. B.	W74-10994 7-21 5A	PILIPCHUK, M. F.
The Economic Benefits of Abating Water Pol-		Behavior of Molybdenum in Processes of Sedi-
lution in the Steel, Textile, and Paper Indus- tries in Alabama.	PIEST, R. F.	ment Formation and Diagenesis in Black Sea,
W74-03753 7-08 5D	Nitrogen Losses in Surface Runoff from Agricultural Watersheds on Missouri Valley	W74-12391 7-23 2J
The second of the second of the second of	Loess,	PILKEY, O. H. AND
The Impact of Water Pollution Abatement on Competition and Pricing in the Alabama Steel	W74-06345 7-12 5B	Beach Profiles of a Georgia Barrier Island, W74-04736 7-09 2J
Industry,	Quality of Water Discharged from Two	W/4-04/30 /-09 23
W74-02437 7-05 5D	Agricultural Watersheds in Southwestern Iowa,	PILLAI, K. C.
Industry Variance of Consumer Prices and	W74-07528 7-14 5B	Radioruthenium in Aquatic Environment of
Competition as a Consequence of Water Pollu-	PIGRAM, J. J. J.	Trombay,
tion Abatement.	Urban-Rural Conflicts in Urban Water Supply,	W74-02058 7-04 5B
W74-05640 7-11 5D	W74-11694 7-22 6D	PILLAI, N. K.
		Redescription of Mappates plataxus Rangnekar
PICKLE, HAL B. The Impact of Water Pollution Abatement on Competition and Pricing in the Alabama Textile	PIJANOWSKI, B. S. Salinity Corrections for Dissolved Oxygen Measurements,	(Copepoda: Caligidae), W74-04877 7-10 2I
Industry,	W74-02424 7-05 5A	BULLAY V V C
W74-01101 7-03 5G		PILLAY, K. K. S. Mercury Pollution of Lake Erie Ecosphere,
BLOWNERS B. C.	PIJCK, J. Urease Activity of Enterobacteriaceae: Which	W74-01985 7-04 5B
PICKNETT, R. G. Saturated Calcite Solutions from 10 to 40 Deg	Medium to Choose,	
C: A Theoretical Study Evaluating the Solubili- ty Product and Other Constants,	W74-04888 7-10 5A	Preparation of Biological Samples for Neutron Activation Analysis of Mercury,
W74-03525 7-07 2K	PIKE, F. P. A Study of Selected Cooling Pond Design	W74-06786 7-13 5A
PIECH, K. R.	Techniques,	PILOT, L.
An Investigation of the Physical Effects of	W74-12015 7-23 5D	Nitrate Reduction in Soils: Effect of Soil
Thermal Discharges into Cayuga Lake,	DIVITE NA P	Moisture Tension,
W74-02178 7-05 5B	PIKUL, M. F. A Numerical Model Based on Coupled One-	W74-01583 7-03 2G
PIECZYNSKA, E.	Dimensional Richards and Boussinesq Equa-	PILPEL, N.
Ecology of the Eulittoral Zone of Lakes,	tions,	The Effects of Artificial Sunlight Upon Float-
W74-08003 7-15 5C	W74-07515 7-14 2F	ing Oils,
	Optimal Pumping for Aquifer Dewatering,	W74-03777 7-08 5B
Ecology of the Eulittoral Zone of Lakes,	W74-09620 7-18 4B	PILSON, M. E. O.
W74-12151 7-23 5C	0 / 10 / / / / Downsie	The Lack of Inorganic Removal of Dissolved
PIEKARSKI, G.	Optimal Pumping for Aquifer Dewatering, W74-10325 7-19 4B	Silica During River-Ocean Mixing,
Investigations on the Viability of Trichomonas	W 74-10323 7-19 4B	W74-12724 7-23 5G
Vaginalis in Tap Water and Public Swimming	PIKUL, R.	The Seasonal Cycle of Copper Concentration in
Pools, (in Russian),	Fixed Versus Variable Environmental Stan-	Busycon canaliculatum L,
W74-11193 7-21 5B	dards,	W74-11384 7-21 5C
PIERCE, D. M.	W74-12470 7-23 6G	
Michigan's Experience with Utilizing the Ten	PIKUL, R. P.	PIMENTEL, D.
States Guideline for Land Disposal of Waste-	Bureau of Mines Environmental Action Pro-	Ecological Impact of Pesticides, W74-01573 7-03 5C
water, W74-12898 7-24 5D	grams for Northeastern PennsylvaniaRefuse Bank Removal; Subsidence Monitoring,	
	W74-10270 7-19 5A	PIMPINI, F.
PIERCE, J. O. II		Growth Productivity and Evapotranspiration,
The Determination of Part-Per-Billion Levels of Citric and Nitrilotriacetic Acids in Tap	PILATO, L. A. New Polymer Membrane Technology for	Depending on Soil Moisture upon Irrigating a Pepper (Capsicum Annuum L.) Cultivation, (in
Water and Sewage Effluents,	Desalination of Seawater by Reverse Osmosis,	Italian),
W74-01772 7-04 5A	W74-00312 7-01 3A	W74-01762 7-04 3F

PINNEKER, YE. V.

Cuases of Geographical Distribution of Ox-ygen-18 and Deuterium in Thermal Water of the Sayan-Baykal Mountains (Prichiny

geograficheskogo raspredeleniya kisloroda-18 i

PINCEMIN, J-M.	deyteriya v termal'nykh vodakh Sayano-	PIPER, R. G.
Restructuring of River Banks and Secondary	Baykal'skoy gornoy strany),	Effects of Water Reuse on Rainbow Trout in
Pollution: Study of Eutrophications in Port	W74-05560 7-11 2K	Hatcheries,
Areas, (In French),		W74-11940 7-22 5C
W74-05950 7-11 5C	Groundwater of Siberia and Soviet Far East	Factors Influencing Formalia Toxisity in Trout
PINCINCE, A. B.	(Podzemnyye vody Sibiri i Dal'nego Vostoka), W74-09936 7-19 2F	Factors Influencing Formalin Toxicity in Trout, W74-11947 7-22 5C
Disposal of Brine into An Estuary,	W/4-09936 /-19 2F	W 14-11941 1-22 3C
W74-02735 7-06 5B	Present State and Prospects of Use of	PIPER, R. M.
	Therapeutic Mineral Waters in the Irkutsk	What's Wrong with Government Water Control
PINCKNEY, D. J.	Oblast (Sostoyaniye i perspektivy	Programs and how They can be Improved,
Determination of the Association and Dissocia-	ispol'zovaniya lechebnykh mineral'nykh vod	W74-04632 7-09 5D
tion of Humic Acid Fractions by Small Angle X-Ray Scattering,	Irkutskoy oblasti),	PIPES, W. O.
W74-02730 7-06 2K	W74-09644 7-18 2K	Temperature and the Toxicity of Chromate and
W14-02130	Problems of Hydrogeologic Investigations in	Arsenate to the Rotifer, Philodina Roseola,
PINDER, G. F.	the Eastern Part of the USSR in 1971-75	W74-06172 7-12 5C
Galerkin Approximation of the Time Derivative	(Zadachi gidrogeologicheskikh issledovaniy na	
in the Finite Element Analysis of Groundwater	Vostoke SSSR na 1971-1975 gg),	PIPKO, M. R.
Flow,	W74-09647 7-18 4B	Numerical Experiment for Solving Complete
W74-11423 7-21 2F		Equations of Hydrodynamics, W74-09898 7-19 2B
A Galerkin-Finite Element Simulation of	PINNELL, S.	W 74-07070 7-17 2B
Groundwater Contamination of Long Island,	Turnkey Contracts for Sewage Treatment	PIPLAPURE, A. R.
New York,	Plants,	Inertial and Slip Effects in Steady-State Radial
W74-02772 7-06 5B	W74-08786 7-17 5D	Gas Flow Through Porous Media,
Galerkin Solution of the Inverse Problem for	PINNER, G. F.	W74-10096 7-19 8G
Aquifer Transmissivity,	Sedimentation Tanks,	PIPPY, J. H. C.
W74-00363 7-01 2F	W74-04708 7-09 5D	Symptoms of 'Red' Herring in Relation to the
7 01 21	W/4-04/00 /-09 3D	Mass Mortalities in Placentia Bay, February-
PINGRY, D. E.	PINS, P.	April 1969,
Application of a Large Scale Nonlinear Pro-	Mathematical Simulation of Stream Water	W74-00711 7-02 5C
gramming Problem to Pollution Control,	Quality at Ames,	
W74-07461 7-14 5D	W74-11619 7-22 6A	PIRIE, D. M.
Application of Multigoal Water Quality	material	Coastal Applications of the ERTS-A Satellite, W74-03374 7-07 2J
Planning Model,	PINSKAYA, KH. M.	W74-03374 7-07 2J
W74-05384 7-10 5D	Replacement of the Anthracite Sublayer in	Remote Sensing in the Study of Coastal
	Anion-Exchange Filters of Water Purification	Processes,
Application of Nonlinear Programming to	Equipment (Zamena antratsitovogo podsloya v anionitovykh fil'trakh vodoochistnykh	W74-03373 7-07 7B
Water Quality Control, W74-07462 7-14 5D	anionitovykh fil'trakh vodoochistnykh ustanovok),	
W/4-0/462 /-14 3D	W74-08407 7-16 5D	PIROGOV, V. V.
Application of Statistical Techniques to the	7.10 32	The Mollusk Fauna of the Bolshoi Karabulak Oxbow Lake (Volga Delta), (In Russian),
Selection of an Optimal Pollution Treatment	PINSON, J. W.	W74-04165 7-08 2H
Program,	Remote Sensing Study of Land Use and Sedi-	
W74-11570 7-22 5D	mentation in the Ross Barnett Reservoir,	PISANI, D. J.
Multigoal Water Quality Planning Model,	Jackson, Mississippi, Area,	A Case Study in Interstate Resource Manage-
W74-02678 7-06 5B	W74-11963 7-22 4A	ment: The California-Nevada Water Con-
	PINTILIE, C.	troversy, 1955-1968, W74-10083 7-19 6E
Production Function Theory and the Optimal	The Influence of Dry Periods at Various Stages	W74-10083 7-19 6E
Design of Waste Treatment Facilities,	of Development: Investigations of the Water	From Resort Area to Urban Recreation Center:
W74-06997 7-13 6D	Economy in Oats and Millet,	Themes in the Development of Lake Tahoe
Production Function Theory for Use in Optimal	W74-06243 7-12 3F	1946-1956,
Planning Decisions,		W74-00441 7-01 6B
W74-07460 7-14 5D	PINTO, A. P.	DICANO M
	Ammonia-Nitrogen Removal by Breakpoint	PISANO, M. Economic Implications of Alternative National
A Regional Planning Model for Water Quality	Chlorination,	Policies for Water Pollution Control.
Control,	W74-06838 7-13 5D	W74-05630 7-11 5G
W74-05390 7-10 5B	Physical-Chemical Treatment of Raw Mu-	
PINKERMAN, K. O.	nicipal Wastewater,	PISARSKIY, B. I.
Evaluation of a Method of Fog Dispersal by	W74-06509 7-13 5D	Problems of Hydrogeologic Investigations in
Ionization,	, 10	the Eastern Part of the USSR in 1971-75
W74-10639 7-20 3B	PIONKE, H. B.	(Zadachi gidrogeologicheskikh issledovaniy na Vostoke SSSR na 1971-1975 gg),
PINKERTON, J. W.	Effect of Two Impoundments on the Salinity	W74-09647 7-18 4B
The Sevier County Water Plan,	and Quantity of Stored Waters,	1-18 4B
W74-08493 7-16 6D	W74-05335 7-10 5B	Subsurface Flow into Lake Baykal Basin
	MIDED D. I. W.	(Podzemnyy stok basseyna oz. Baykal),
PINNEKE, R.	PIPER, D. J. W. Late Quaternary Sedimentation in the Active	W74-09642 7-18 2H
Impact of Proposed Ames Reservoir on Story	Eastern Aleutian Trench,	PISCATOR M
County Conservation Board Programs,	W74-05720 7-11 2J	PISCATOR, M. Cadmium in the Environment, II.
W74-11603 7-22 6B	/-II 2	Caumon in the Environment, 11,

PIPER, D. Z.

Seattle, W74-09791

Particulate Lead Contamination Recorded in

Sedimentary Cores From Lake Washington,

7-23 5B

W74-12492

PISCITELLI, S.

7-18 5B

A Simple Turbidimeter for Rapid Determina-tion of Low Bacteria Concentrations, W74-06147 7-12 5A

PISHNAMAZOV, A. M.

PISHNAMAZOV, A. M.	Measurement of Molecular Organic Contami-	PLATO, P.
System of Treating Irrigated Soil which is	nants in Polluted Water,	Use of Rivers to Predict Accumulation in Sedi-
Sown with Sugar Beets, (In Russian),	W74-12915 7-24 5A	ment of Radio-nuclides Discharged from
W74-01606 7-03 3F	PITTMAN, E. D.	Nuclear Power Stations,
PISKIN, R.	Microporosity in Carbonate Rocks,	W74-11654 7-22 5B
Evaluation of Nitrate Content of Ground Water	W74-07861 7-15 4B	PLATT, C. M. R.
in Hall County, Nebraska,	PITTMAN, U. J.	A Direct Comparison of Satellite and Aircraft
W74-02465 7-05 5B	Effect of Feedlot Manure on Soil and Water	Infrared (10 Micrometers-12 Micrometers)
PISKUN, V. F.	Quality,	Remote Measurements of Surface Tempera- ture,
Harvest Qualities of Various Sizes of Hard	W74-02157 7-05 5B	W74-07578 7-14 7B
Winter Wheat Seeds Under Irrigated Condi-	PITTWELL, L. R.	
tions in the Southern Steppes of the Ukraine,	Metals Coordinated by Ligands Normally	PLATT, F.
(In Russian), W74-03915 7-08 3F	Found in Natural Waters,	Separating Apparatus, W74-00086 7-01 5G
W74-03915 7-08 3F	W74-12512 7-23 5B	W 74-00080 7-01 3G
PISONIC, M.	PIVAZYAN, S. A.	PLATT, R. B.
Reduction of Lead Absorption from the In-	Feeding and Food Relationships of the Trout	An Ecological Approach to the Evaluation of
testine in Newborn Rats,	Salmo ischchan Kessler and Whitefish	Radioactivity Within the Man-Environment
W74-07953 7-15 5C	Coregonus lavaretus Ludoga Poliakow of Lake	Ecosystem, W74-05182 7-10 5B
PITCHAI, R.	Sevan, (In Russian), W74-04203 7-08 2H	W 74-03102 7-10 3B
Technology Transfer in the Marine Environ-	W 74-04203 7-08 211	Environmental Control in Nuclear Fuel
ment of Long Island,	PIVNICK, H.	Reprocessing,
W74-07059 7-14 6B	Inability to Detect Spores of Clostridium Botu-	W74-11955 7-22 5B
PITCHFORD, A. C.	linum in Fish Protein Concentrates (FPC), W74-06058 7-12 5A	PLATT, T.
Containing and Removing Oil Spills on Water,	W /4-00038 /-12 3A	Phytoplankton Nutrients and Flushing of Inlets
W74-07208 7-14 5G	PIVNICKA, K.	on the Coast of Nova Scotia,
REPRIEZ N. N.	Abundance and Mortality of the Perch Fry	W74-01471 7-03 5B
PITEN'KO, N. N. Characteristics of the Toxic Effects and Safety	(Perca Fluviatilis, Linnacus, 1758) in the Klicava Reservoir,	Spatial Variability of the Productivity: Biomass
Levels of Nitriles of Crotonic and Isocrotonic	W74-07588 7-14 8I	Ratio for Phytoplankton in a Small Marine
Acids in Water Bodies, (In Russian),		Basin,
W74-01044 7-02 5C	The Density and Production of Fish Popula-	W74-05316 7-10 5C
DITUIN I D	tions in the Klicava Reservoir (Czechoslovakia) and Their Changes During the Period 1957-	PLATT, W. J.
PITKIN, J. B. Denitrification in Granular Carbon and Sand	1970,	Comparative Ecosystems Studies,
Columns,	W74-11169 7-21 2H	W74-11585 7-22 6G
W74-10465 7-20 5D		
	PIVOVAROV, A. A.	PLESCH, R.
PITON, B.	Experimental Investigation of the Effect of Sal- tating Sediments on Kinematics of Flow	Examination of Poisson Distributed Measuring Values (Die Uberprufung poissonverteilter
Circulation in the Bay of Ampasindava (Madagascar) and Its Biochemical Implications	(Eksperimental'noye issledovaniye vliyaniya	Messwerte),
(In French),	sal'tiruyushchikh nanosov na kinematiku	W74-01977 7-04 7B
W74-01005 7-02 5B	potoka),	
NET C C	W74-01134 7-03 2J	PLITAKOVA, G. Current Problems in the Radioecology of Soils
PITT, C. G. Fluorometric Quantitation of Gallium in Biolog-	PJON, C-J.	and Plants,
ical Materials at Nanogram Levels,	Immunological Identification of Pigment Com-	W74-11666 7-22 5B
W74-01344 7-03 2K	ponent of a Photochemically Active	
DITT I I	Chromoprotein (ACP) Isolated From the Blue- Green Alga Anabaena cylindrica,	PLONKA, J. H.
PITT, J. I. An Appraisal of Identification Methods for	W74-01811 7-04 5C	New Bromide Packer Fluid Cuts Corrosion Problems.
Penicillium Species: Novel Taxonomic Criteria		W74-07858 7-15 8G
Based on Temperature and Water Relations,	PLACE, J. L.	
W74-04902 7-10 5A	Change in Land Use in the Phoenix (1:250,000) Quadrangle, Arizona between 1970 and 1972:	PLOSZYNSKA, W.
PITT, R. E.	Successful Use of a Proposed Land Use Clas-	The Influence of Manure Amelioration Treat- ments on Physical Properties of Sandy Soil, (In
Toxic Materials Analysis of Street Surface	sification System,	Polish),
Contaminants,	W74-06622 7-13 4A	W74-00484 7-01 3F
W74-00306 7-01 5B	PLACHE, K. O.	DI OPERIN O P
PITT, W. A. J. JR.	Eagle Eye - New Flowmeter,	PLOTKIN, S. E. Energy Conservation Strategies,
Effects of Septic Tank Effluent on Ground-	W74-03290 7-07 7B	W74-00152 7-01 6B
water Quality, Dade County, Florida: An In-	PLANAS, D.	
terim Report,	Plankton Production and Water Quality in	PLOTNIKOV, N. I.
W74-11975 7-22 5B	Spanish Reservoirs. First Report on a Research	Groundwater Resources of the USSR (Resursy podzemnykh vod SSSR),
PITT, W. W.	Project,	podzemnyku vod SSSK), W74-00845 7-02 2F
Measurement of Molecular Organic Contami-	W74-08005 7-15 5C	
nants in Polluted Water by Liquid Chromatog-	PLANT, R.	PLOTNIKOVA, V. P.
raphy,	Computer Simulation of Trophic Level Inter-	Radiation Oxidation of Water Admixtures in
W74-12031 7-23 5A	relationships in Cayuga Lake,	Water-Containing Human Wastes (In Russian), W74-05252 7-10 5D
SPACES AND AND AND	W74-02216 7-05 5C	11.4-03232 /-10 3D

PLUHOWSKI, E. J.

Ontario,

W74-02601

Remote Sensing of Turbidity Plumes in Lake

PLASS, W. T.
Physical and Chemical Characteristics of Surface Mine Spoil Treated with Fly Ash,
7-18 5B

7-05 7B

PITT, W. W. JR.

W74-09226

High-Resolution Analyses of Refractory Or-ganic Constituents in Aqueous Waste Ef-fluents,

7-17 5A

Natural Radiation Loads on the Eggs of Marine

PODYMAKHIN, V. N.

W74-04182

7-01 5C

and Fresh Water Organisms,

PLUMB, J. A.
Some Biological Aspects of Channel Catfish

Virus Disease,

W74-00231

7-17 2F

Recent Hydrothermal Systems of Kamchatka,

POLAK, B. G.

W74-08989

POLCYN, F. C.

7-08 5C

PLUMB, R. H.	Radiometric and Dosimetric Characteristics of	Calculations of Water Depth From ERTS-MSS
Literature Review on Research Study for the Development of Dredged Material Disposal	Experiments for Determining the Influence of Radioactivity of a Water Medium on the	Data, W74-06681 7-13 2E
Criteria,	Development of Eggs of the Atlantic Salmon, W74-02069 7-04 5C	Progress of an ERTS-1 Program for Lake On-
W74-10686 7-20 5B		tario and its Basin, W74-02600 7-05 7B
PLUMMER, A. H. JR.	Some Data on the Dependence of Dose Effect for Eggs of Atlantic Salmon,	
Industrial Application of Whitford's Demand Forecasting Procedure,	W74-02062 7-04 5C	Techniques for Measuring Light Absorption Scattering, and Particle Concentrations in
W74-08015 7-15 6D	POERTNER, H. G.	Water,
PLURA, G.	Practices in Detention of Urban Stormwater	W74-01283 7-03 7B
Device For Continuously Treating Liquids,	Runoff, W74-10696 7-20 4A	POLIKARPOV, G. G.
W74-10489 7-20 5D		Radionuclide Uptake by Some Freshwater Hydrobionts, (In Russian),
PLYAKA, V. E.	POETNER, H. G. Better Storm Drainage FacilitiesAt Lower	W74-13240 7-24 5B
Multistage System for Biological Purification of	Cost,	POLIKOFF, A.
Waste Waters (Mnogostupenchataya sistema biologicheskoi ochistki stochnykh vod),	W74-09513 7-18 5D	The Interlake Affair,
W74-03072 7-06 5D	POFF, R.	W74-07120 7-14 5G
POAGE, J. L.	Evaluation of Commercial Fishery Potential of Wisconsin's Boundary Waters of Lake Superi-	POLISHCHUK, A. I.
A Computer Simulation Model for Flood Plain	or-Walleye.	Automatic Processing of Rainfall Data, W74-06732 7-13 2B
Development. Part II: Model Description and	W74-00094 7-01 8I	
Applications, W74-07296 7-14 6A	POGAINIS, E. M.	POLISHCHUK, V. S. Effect of Benthic Sediments on the Oxygen
	Biotreatment Process,	Cycle in Ponds, (In Russian),
Multiple Planning for Multipurpose Water Resource Systems: A Structure for Regional	W74-11398 7-21 5D	W74-01660 7-04 2H
Water Resource Development,	POGGE, E. C.	POLLARD, J. F.
W74-06106 7-12 6B	The Development and Field Testing of a Basin Hydrology Simulator,	Experiments to Re-establish Historical Oyster
POBEDIMSKIY, A. D.	W74-04984 7-10 2A	Seed Grounds and to Control the Southern Oyster Drill.
Water Quality Improvement in River Basins	POGLAZOVA, M. N.	W74-07982 7-15 8I
(Experience of Industrialized Countires) (O povyshenii kachestva vody v rechnykh bas-	Breakdown of Benzo(A) Pyrene by Microor-	POLLINGHER, U.
seynakh (Opyt industrial'nykh stran)),	ganisms in Waste Waters, (In Russian),	Lake Kinneret: Planktonic Populations During
W74-04583 7-09 5G	W74-05943 7-11 5B	Seasons of High and Low Phosphorus Availa- bility,
POBEDIMSKY, A. D.	POGODIN, A. G.	W74-03937 7-08 5C
Transfer of Knowledge in Water Resources	Primary Production and Destruction of Organic Matter in 2 Lakes of Different Types, (In Rus-	POLLITZER, S.
From Research to Practice, W74-00198 7-01 10A	sian),	Willamette Cleanup,
	W74-03944 7-08 5C	W74-04522 7-09 5D
POBEREZHSKIY, L. N. Spatial Variation Patterns of Moisture Content	POGOSOV, D. P.	POLLOCK, D. M.
of Irrigated Soil Under Cotton	Hygienic Evaluation of Means of Enrichment with Salts and Decontamination of Demineral-	One-Day Extreme Rainfall Statistics for the Prairie Provinces,
(Zakonomernosti prostranstvennoy iz-	ized Water, (In Russian),	W74-13000 7-24 2B
menchivosti vlazhnosti oroshayemoy pochvy pod khlopchatnikom),	W74-07365 7-14 5F	A Processing System for Fischer and Porter
W74-06303 7-12 2G	POHJAKAS, K.	Precipitation Gauge Data,
BOBI PTP I A	Development of Automated Surface Irrigation, W74-08804 7-17 3F	W74-12977 7-24 7C
POBLETE, J. A. A Case on Transfer of Knowledge in Water		POLOS, L.
Resources Systems Planning from a Developed	POHLAND, D. Construction and Operation of a Laboratory	Determination of Mercury in Water by the Flameless Atomic Absorption Method (Higany
Region to a Developing One, and from Research to Application,	Fermenter for Kinetic Measurements in Waste	meghatarozasa vizben lang nelkuli atomab-
W74-00211 7-01 10A	Waters (Bau Und Betrieb Eines Laboratori-	szorpcios modszerrel),
POCHOP, L. O.	ums-Fermentors Fur Kinetische Messungen an Abwassern),	W74-10819 7-20 5A
Psychrometric Data Patterns and Prediction	W74-10816 7-20 5D	Enhancement of Sensitivity for Determination
Models,	POHLAND, F. G.	of Mercury in Waters, W74-03080 7-06 5A
W74-02220 7-05 2B	Buffer Capacity in Aquatic Ecosystems,	POLOVIN, I. P.
PODAMO, J.	W74-06829 7-13 5B	Experimental Research in the Artificial Control
Contribution to Biological and Chemical Study of the Port of Ostende, (In French),	Kinetics of Substrate Assimilation and Product	of Precipitation during the Cold Period of Year
W74-01384 7-03 5B	Formation in Anaerobic Digestion,	on an Experimental Meteorological Range,

Mechanism of Respiratory Exchanges in Aquatic Environment: A General Review In-cluding Personal Results,

7-18 5B

7-20 5A

W74-09440

W74-10713

POIZOT, A.

7-03 5B

PODGURSKAYA, V. N.

Experimental and Theoretical Investigations of Artificial Crystallization and Dispersal of Supercooled Clouds,
W74-10234 7-19 3B Type of Spawning Grounds and Ecology of Spawning for Stint, Osmerus eperlanus (L.), in the Rybinsk Reservoir, (In Russian),

W74-11782 POLOVKOVA, S. N.

W74-04277

POLTZ, J.

POLTZ, J. Investigations on the Occurrence as	nd Dec	om.
position of Fats and Fatty Acids in German),		
W74-08141	7-15	50
POLVANI, C.		
Radioactive Solid Waste Disposal	Into	the
Oceans: Implications and Perspective	es,	

W74-10117 7-19 5E POMERANTS, L. B.

Microbiological Purification of Hydrogen Sulfide-Containing Kraft Mill Effluents (Mikrobiologicheskaya ochistka serovodorodnykh stochnykh vod sul'fatno-tsellyuloznogo proizvodstva),
W74-07387 7-14 5D

Microbiological Purification of Hydrogen Sulfide Containing Waste Waters from Sulfate Pulp Production (Mikrobiologicheskaya ochistka serovodorodnykh stochnykh vod sulfatnotsellyuloznogo proizvodstva),
W74-12949 7-24 5D

POMERANTSEVA, L. G.

Construction of a Map of Average Annual Runoff for North Kazakhstan (Postroyeniye karty normy stoka Severnogo Kazakhstana), W74-02751 7-06 2E

POMEROY, R. D.

Problems of Water-Quality Standards in the Management of Ground-Water Basins, W74-06368 7-12 5B

POMONIK, G. M.

Vacuum Desorption Concept for Removing Oil from Water, W74-09323 7-18 5G

POND, S.

Measurements of the Turbulent Fluxes of Momentum, Moisture and Sensible Heat Over the Ocean, W74-04673 7-09 2E

Spectra of the Temperature and Humidity Fluctuations and of the Fluxes of Moisture and Sensible Heat in the Marine Boundary Layer,

W74-04672 PONDER, F. JR.

The Effects of Trace Metals on Ground Water Quality as Influenced by Soils Reflecting Differences in Organic Matter Content and Genetic Conditions,

W74-02211 7-05 5B

PONOMAREV, V. G.

Sewage Treatment in the Northern Areas of the U.S.S.R., W74-10164 7-19 5D

PONOMAREV, V. I.

Results of an Operational Test of M-100 Radio-Electronic Snow Gages, W74-00109 7-01 2C

PONTECORVO, G.

Ocean Science and Mutual Assistance: An Uneasy Alliance, W74-02500 7-05 6E

PONTIUS, R. W.

Food Habits of the Mountain Whitefish, Prosopium Williamsoni (Girard), W74-13497 7-24 21

PONTIUS, U. R.

Hypochlorination of Polluted Storm-Water Pumpage at New Orleans, W74-04676 7-09 5D

PONYI, J. E.

Distribution of Organic Matter and Bacteria in the Upper Layer of Bottom Deposit of Lake Balaton, W74-04839 7-00 SB

POOL, J. V. T.

Water Treatment Mud Decanting Tank, W74-08042 7-15 5F

POOLE, L. R.

Random-Access Technique for Modular Bathymetry Data Storage in a Continental-Shelf Wave-Refraction Program, W74-10671 7-20 7C

POON, C. P. C.

Competitive Growth of Sewage Organisms, W74-03567 7-07 5C

POOR, G

Sediment Transport in a Coastal Plain Estuary, W74-01185 7-03 2L

POORMAN, A. E.

Effects of Pesticides on Euglena gracilis. I. Growth Studies,
W74-03571 7-07 5C

POORNACHANDRA RAO, M.

Trace-Element Distribution in the Continental-Shelf Sediments off the East Coast of India, W74-03350 7-07 2J

POOVAIAH, B. W.

Influence of Hydrogen Fluoride Fumigation on the Water Economy of Soybean Plants, W74-05838 7-11 3F

POPALISKY, J. R.

Experiences with Butterfly Valves, W74-13338 7-24 8A

POPANDOPULO, G. K.

Instruments for Measurement of Currents and Levels in Natural Reservoirs and Rivers, W74-11505 7-22 7B

POPE, R. M.

7-09 2E

The Value of the Tidal Marsh, W74-05782 7-11 2L

POPIVANOV, I.

Results of Trials with Tobacco and Cotton Rotations Under Irrigation, (In Bulgarian), W74-04825 7-09 3F

POPKIE, H.

Study of the Structure of Molecular Complexes. VI. Dimers and Small Clusters of Water Molecules in the Hartree-Fock Approximation, W74-12923 7-24 1A

POPOV, B. A.

The Effect of Wave Refraction on the Formation of an Equilibrium Profile of Submarine Coastal Slope, W74-04438 7-09 2J

POPOV, E. G.

Hydrological Forecasting and Water Management (In Russian),
W74-07768 7-15 4A

POPOV, M. V.

Role of the Environment in the Formation of Density Dynamics of the Muskrat of Yakutsk, (in Russian), W74-11198 7-21 2C

POPOV. V. I.

Total Isotopic Composition and Hydrochemical Characteristics of Natural Waters in Northwestern and Northern Fergana (Summarnyy izotopnyy sostav i gidrokhimicheskiye osobennosti prirodnykh vod Severo-Zapadnoy i Severnoy Fergany), W74-02608 7-05 2K

POPOV. V. P.

Growth and Moisture Availability of Shelterbelts in the Kulunda Steppe (Rost i vlagoobespechennost lesnykh polos v Kulundinskoy stepi), W74-06301 7-12 2G

POPOV, YE. G.

Models of Spring Runoff Formation and Problems in Their Use for Forecasting the Flood Hydrograph, W74-05842 7-11 2A

POPOVA, O. S.

Growth and Moisture Availability of Shelterbelts in the Kulunda Steppe (Rost i vlagoobespechennost lesnykh polos v Kulundinskoy stepi), 7-12 2G

POPOVA, V. E.

Moisture Expenditure by Forest and Fields in the Protective Afforestation Regions, (In Russian), W74-01099 7-02 3F

POPOVIC, Z.

Contribution to the Study of the Action of Water-Soluble and Citrate-Soluble Phosphoric Under Acids Different Moisture Conditions, (In Serbo-Croation), W74-06315 7-12 3C

POPOVICH, M. L.

Cost-Effectiveness Analysis of Disposal Systems, W74-00184 7-01 5E

A Cost-Effectiveness Study and Analysis of Municipal Refuse Disposal Systems, W74-01631 7-03 5E

POPOVICI, D.

The Effect of KCl in Drinking Water on Milk Secretion and Composition, (In Rumanian), W74-00483 7-01 5C

POPOVSKA, P.

Contribution to the Investigation of Odours in Water,
W74-06538 7-13 5C

POPOVSKAYA, G. I.

Role of Ultranannoplankton Algae in Primary Production in Lake Baikal During the Summer, (In Russian), W74-00488 7-01 2H

Seasonal and Annual Phytoplankton Changes in Chivyrkuiskii Bay, Lake Baikal, (In Russian), W74-12160 7-23 5C

POPOVSKY, J.

Changes of Some Chemical Constituents and Bacterial Numbers in Slapy Reservoir During Eight Years, W74-05070 7-10 5C

The Influence of Two Re-Regulation Reser-	PORTIG, W. H.	POTAPOV, I.
voirs on the Chemical and Bacteriological Pro- perties of River Water,	Evaporimetry in the Canal Zone: Part II, Com- parison of Various Types of Evaporimeters on	Explosions for Canal Construction, W74-10243 7-19 8H
W74-05074 7-10 5C	an Hourly Basis, W74-11740 7-22 2D	POTAPOVA, L. S.
POPP, C. J.	1-22 20	Investigation of Runoff of Kamchatka Rivers
Chemical and Biological Character of Rio	PORTMAN, D. J.	Based on Climatic Data (Issledovaniye stoka
Grande Water in the Bosque Del Apache Wil-	An Investigation of the Structure of Turbulence	rek Kamachatki po klimaticheskim dannym),
dlife Refuge,	over Water Surface Waves,	W74-03259 7-07 2E
W74-00007 7-01 4A	W74-10650 7-20 2E	POTASH, M.
Uptake of Mercury by Fish in Natural and Ar-	PORTZ, D. E.	Materials Input of Lake Champlain: A Synoptic
tificial Systems,	Plankton Pigment Heterogeneity in Seven	Appraisal,
W74-02460 7-05 5B	Reservoirs of the Lower Colorado Basin,	W74-06882 7-13 2H
POR, F. D.	W74-06078 7-12 5C	
The Steinitz Laboratory of Marine Biology at		POTERA, G. T.
Elath: An Open Door on the Tropical Seas, (In	POS, J.	Spartina alterniflora (Tall) Productivity in a Polluted New Jersey Estuary,
French),	Mixing and Handling of Liquid Dairy Cattle Manure.	W74-01738 7-04 5C
W74-12398 7-23 2I	W74-10308 7-19 5D	, , ,
PORCELLA, D. B.	7-17 35	POTH, C. W.
Activity Analysis and the Management of	POSEY, C. J.	Summary Ground-Water Resources of Arm-
Resources: A Model for Control of Eutrophica-	Stability Criteria for Bound-Rock Erosion Pro-	strong County, Pennsylvania,
tion,	tection,	W74-13205 7-24 4B
W74-06574 7-13 5C	W74-00390 7-01 4D	Summary Ground-Water Resources of Beaver
Biological Response to Detergent and Nonde-	POSEY, F. A.	County, Pennsylvania,
tergent Phosphorus in Sewage - Part I,	An Electrochemical Method for Monitoring the	W74-13200 7-24 4B
W74-04901 7-10 5C	Oxygen Content of Aqueous Streams at the	Communication of Posters
	Part-Per-Billion Level,	Summary Ground-Water Resources of Butler County, Pennsylvania,
Biological Response to Detergent and Nonde-	W74-04104 7-08 5A	W74-13203 7-24 4B
tergent Phosphorus in Sewage - Part II,	Electronical Bernand of Bedraible Inco	W 14-13203
W74-06873 7-13 5C	Electrochemical Recovery of Reducible Inor- ganic Pollutants from Aqueous Streams,	POTTER, A. L.
Component Description and Analysis of En-	W74-12034 7-23 5D	Absorption of Mercuric Cation by Tannins in
vironmental Systems: Oxygen Utilization in	7-23 35	Agricultural Residues,
Aquatic Microcosms,	Electrochemical Removal of Reducible Inor-	W74-08314 7-16 5G
W74-06575 7-13 5C	ganic Pollutants from Aqueous Streams,	POTTER, C. S.
Component Description of Sediment-Water	W74-12918 7-24 5D	Defects in Prodigiosin Formation by L-Forms
Microcosms.	Reactions and Transport Phenomena, at Sur-	of Serratia Marcescens,
W74-12868 7-24 5C	faces.	W74-06099 7-12 5A
Date of W. Date of District	W74-00162 7-01 3A	POTTER, J. F.
Detergent and Non-Detergent Phosphorus in Sewage,		Significant Techniques in the Processing and
W74-03606 7-07 5B	POSEY, W. R.	Interpretation of ERTS-1 Data,
	Model and Prototype Analysis of the Old River	W74-06652 7-13 7C
PORGES, R.	Diversion on the Mississippi River, W74-05961 7-12 8B	
Regionalization in the Delaware River Estuary,	W/4-03701 /-12 8B	POTWOROWSKI, H. S.
W74-10775 7-20 5D	POSPELOVA, E. B.	Ozone Treats Arctic Waters, W74-10556 7-20 5F
PORTER, J. J.	Annual Increase of Aboveground Phytomass of	W 74-10536 7-20 3F
Ozone Treatment of Dye Waste,	Some Tundra Shrubs, (In Russian),	POULET, S. A.
W74-11101 7-21 5D	W74-04286 7-08 2I	Grazing of pseudocalanus minutus on Naturally
Stability and Removal of Commercial Dyes	POSPELOVA, YU. S.	Occuring Particulate Matter,
from Process Wastewater.	Prolonged Afterglow of Strawberry Leaves at	W74-03593 7-07 5B
W74-02429 7-05 5B	Various Levels of Hydration, (In Russian),	POULOS, H. G.
202222 · 2	W74-13378 7-24 2I	Embankment Deformations Due to Water
PORTER, L. R.	BOODISH OVA V	Loads,
Geothermal Resource Investigations, W74-01273 7-03 4B	POSPISILOVA, K. Identification of Aromatic Nitriles by Reaction	W74-11771 7-22 8B
	Paper Chromatography,	POULOVASSILIS, A.
PORTER, R. D.	W74-04865 7-10 5A	The Uniqueness of the Moisture Charac-
Glass Electrode Responses Interpreted by the		teristics,
Solid State Homogeneous- and Heterogeneous- Site Membrane Potential Theory,	POST, T. R.	W74-09625 7-18 2G
W74-06095 7-12 2K	Private Compensation for Injuries Sustained by	
	the Discharge of Oil from Vessels on the Navigable Waters of the United States: A Sur-	POULSON, T. L.
PORTER, R. M.	vey,	Multi-Nutrient Dynamic Models of Algal Growth and Species Competition in Eutrophic
Flushing Systems for Free-Stall Dairy Barns,	W74-03378 7-07 5G	Lakes,
W74-10309 7-19 5D		W74-06568 7-13 5C
PORTER, S. W. JR.	POSTLEWAIT, J. C.	
The Monitoring of Tritium in the Aquatic En-	Some Experiences in Land Acquisition for a	POULTON, C. E.
vironment of Power Reactors,	Land Disposal System for Sewage Effluent, W74-05966 7-12 5D	An Interregional Analysis of Natural Vegeta-
W74-02015 7-04 5B	1-12 3D	tion Analogues Using ERTS-1 Imagery, W74-01670 7-04 3F
PORTER, W. L.	POSTON, H. W.	
Reverse Osmosis: Application to Potato-Starch	Laundry Detergents and Environmental Quali-	Natural Resource Inventory and Monitoring in
Factory Waste Effluents,	ty,	Oregon With ERTS Imagery,
W74-09637 7-18 5D	W74-07122 7-14 5C	W74-06683 7-13 4A

POUND, C. E.

POUND, C. E.	POWELL, T. The Estimation of Vertical Eddy Diffusivities	PRACHT, W. E. A Theoretical Study of Geothermal Energy Ex-
Characteristics of Municipal Effluents,	The Estimation of Vertical Eddy Diffusivities Below the Thermocline in Lakes,	traction,
W74-05968 7-12 5D	W74-07416 7-14 2H	W74-10087 7-19 4B
Nationwide Experiences in Land Treatment,	DOWELL W. I	PRAGER, J. C.
W74-11851 7-22 5D	POWELL, W. J. Water Resources Monitoring and EvaluationA	Using Artemia to Assay Oil Dispersant Toxici-
Wastewater Treatment and Reuse by Land Ap-	Key to Environmental Protection in Alabama	ties.
plication - Volume I - Summary,	Oil Fields,	W74-06877 7-13 5A
W74-02043 7-04 5D	W74-03807 7-08 5B	
W 74-02043	7.00 32	PRAKASH, A.
Wastewater Treatment and Reuse by Land Ap-	POWER, J. F.	Influence of Humic Substances on the Growth
plication - Volume II,	Effect of Supplemental Water on Barley and	of Marine Phytoplankton: Diatoms,
W74-02044 7-04 5D	Corn Production in a Subhumid Region,	W74-02997 7-06 5C
	W74-08803 7-17 3F	Phytoplankton Nutrients and Flushing of Inlets
POUPE, J.	Effect of Temperature and Plant Water Stress	on the Coast of Nova Scotia,
Contribution to the Growth of the Beam,	on Photosynthesis Diffusion Resistance, and	W74-01471 7-03 5B
Abramis Brama (Linnaeus, 1758)	Leaf Water Potential in Spring Wheat,	mt n t de et n d'he le de Contro
(Osteichthyes, Cyprinidae) in the Slapy Water	W74-08075 7-15 3F	The Production of Particles in the Surface
Reservoir, Between 1957 and 1965, W74-13494 7-24 2H		Waters of the Ocean with Particular Reference to the Sargasso Sea,
W/4-15454 /-24 ZH	Recovery, Residual Effects, and Fate of	W74-05453 7-11 5B
POURIAN, S.	Nitrogen Fertilizer Sources in a Semiarid Re-	W 74-03433
Evaluation of Digestion Techniques for the	gion,	PRANDLE, D.
AAS Determination of Metal Concentrations in	W74-08086 7-15 5B	Numerical Model of St. Lawrence River Estua-
Kelp,	POWER, L. D.	ry,
W74-10986 7-21 5A	Permafrost Protection for Pipelines,	W74-06738 7-13 2L
	W74-04415 7-09 2C	A Numerical Model of the St. Lawrence River,
POURRIOT, R.	17-0413	W74-00385 7-01 2L
Hydrobiological Studies of 2 Shallow Ponds:	POWERS, J. B.	W 74-00363
Observations on Temperature and Plankton	Weather Modification Operations in California,	PRASAD, D.
Distribution and the Influence of a Plant Cover	October 1, 1968 - September 30, 1969,	Degradation of Organic Nitrogenous Com-
Containing Lemna minor, (In French),	W74-03056 7-06 3B	pounds by Psychrophilic Bacteria,
W74-04291 7-08 2H	Weather Medification Operations in California	W74-13312 7-24 5D
POWELL, C. E. JR.	Weather Modification Operations in California, October 1, 1969September 30, 1970,	PRATHER, R. J.
Range Extensions of Corbicula manilensis	W74-01947 7-04 3B	Land Disposal of Waste Gases: III. Sorption
(Philippi) in the Atlantic Drainage of the United	W/4-0154/	Patterns From Buried Gas Injection Pipes,
States,	Weather Modification Operations In California,	W74-07422 7-14 5B
W74-08685 7-16 2I	October 1, 1970-September 30, 1971,	
	W74-02293 7-05 3B	Nitric Oxide Sorption by Calcareous Soils: II.
POWELL, G.	nowene w H ID	Effect of Moisture on Capacity, Rate, and
Phosphorus Removal Costs,	POWERS, W. H. JR. Waves at Camp Pendleton, California,	Sorption Products, W74-06894 7-13 5B
W74-08855 7-17 5D	W74-04607 7-09 2E	W /4-00094 /-13 3B
POWELL, G. M.	W/4-0400/	PRATISHTHANANDA, S.
Optimizing Surface Irrigation Uniformity by	POWERS, W. L.	Social, Economic, Environmental, and Techni-
Nonuniform Slopes,	Effects of Solid Beef Feedlot Wastes on Soil	cal Factors Influencing Water Reuse,
W74-09800 7-18 3F	Conditions and Plant Growth,	W74-04317 7-09 5D
	W74-09699 7-18 5D	PRATT, L.
POWELL, H. E.	Estimating Transpiration Resistance,	Thermal Sludge Conditioning in Kalamazoo,
Recovery of Phosphates and Metals from	W74-10806 7-20 2D	Michigan,
Phosphate Sludge by Solvent Extraction,	17-20 25	W74-09439 7-18 5D
W74-08590 7-16 5D	Improving Water Management Efficiency	
POWELL, J. E.	Through use of Bio-Indicators,	PRATT, P. F.
How Wells Affect Shallow Glacial Ground-	W74-09804 7-19 2D	Effect of Phosphate Salts as Saturating Solu-
Water Supplies in South Dakota,	Quality Improvement of Feedlet Legger Water	tions in Cation-Exchange Capacity Determina- tions,
W74-10873 7-20 4B	Quality Improvement of Feedlot Lagoon Water	W74-08285 7-16 2G
7.20 40	by Percolation Through Soil Under Native Pasture,	00203 /-16 20
POWELL, N. L.	W74-06830 7-13 5D	Effects of Drainage and Organic Amendments
Steady-State Patterns of Rainwater Seeping		on the Reclamation of a Sodic Soil Cropped
Through Bedded Soil With and Without Tile	Water-Use Efficiency and Its Relation to Crop	With Rice,
Drains,	Canopy Area, Stomatal Regulation and Root	W74-08087 7-15 3C
W74-06257 7-12 2G	Distribution,	Effects of Straw, Calcium Chloride, and Sub-
POWELL, P.	W74-05621 7-11 3F	mergence on a Sodic Soil,
Analogue and Hybrid Methods for the Analysis	POZDNYAKOV, D. V.	W74-08274 7-16 2G
and Planning of Water Distribution Networks,	Remote Sensing of Water Pollution and	West Constant to the second
W74-12145 7-23 4A	Phytoplankton by Optical Methods	Nitrate Concentrations in the Unsaturated
	(Distantsionnoye obnaruzheniye zagryazneniy	Zone Beneath Irrigated Fields in Southern California,
POWELL, R. D.	vodnykh basseynov i fitoplanktona op-	W74-07445 7-14 5G
Abscission Processes in Cotton: Induction by	ticheskimi metodami),	7-14 30
Plant Water Deficit,	W74-01966 7-04 5A	Nitrate in Unsaturated Zone of an Alluvial Soil
W74-04136 7-08 3F	BO771 C	in Relation to Fertilizer Nitrogen Rate and Ir-
POWELL, R. S. AND	POZZI, G. Radiotracer Technique for the Study in Vivo of	rigation Level,
200 MGD Activated Sludge Plant Removes	the Biological Pathway of Heavy Metals in	W74-01774 7-04 2G
Phosphorus by Pickle Liquor,	Aquatic Organisms,	Sludge Disposal to Land,
W74-04554 7-09 5D	W74-02025 7-04 5C	W74-06950 7-13 5B

Waste Accumulation on a Selecteral and Its Effect on the Nitrate at Underlying Soil Strata,		Laboratory Ozonation of Muncipal Wastewaters, W74-06840 7-13 5D	PRICE, D. H. A. Research and Development, W74-13292 7-24 5G
W74-08921	7-17 5B	Physical-Chemical Nitrogen Removal from Mu-	PRICE, D. R.
PRATT, S. D.		nicipal Wastewater, W74-06355 7-12 5D	Electric In-House Drying of Poultry Waste,
Biological Effects of Ocean Disp Waste.	osal of Sond		W74-00426 7-01 5D
W74-03840	7-08 5C	PRESSMAN, M. Prototype Reverse Osmosis Water Purification	Simulation Model to Study the Utilization of Waste Heat Using a Combination Multiple
PRAVOTOROV, I. A. Composite Energy Fluxes as Fact	ors in Coastal	Unit, W74-11988 7-22 3A	Reservoir and Greenhouse Complex, W74-09925 7-19 5D
Formation,		PRESSWOOD, W. G.	PRICE, G. A.
W74-05029	7-10 2L	Comparison of Gelman and Millipore Mem-	Some Lessons From Model and Full-Scale
PREBLE, D.		brane Filters for Enumerating Fecal Coliform Bacteria.	Tests in Rectangular Sedimentation Tanks,
Thermal Surveillance of Cascade canoes Using ERTS-1 Multispec		W74-01554 7-03 5A	W74-09736 7-18 5D
Aircraft Imaging Systems, and (PRESTIN, S.	PRICE, H. A. Element Specific Gas Chromatographic
Data Communication Platforms, W74-06692	7-13 7C	ERTS-1 Applications to Minnesota Land Use Mapping.	Analyses of Organochlorine Pesticides in the
		W74-06632 7-13 4A	Presence of PCB's by Selective Cancellation of Interfering Peaks.
PREHN, W. L. The Future Role of Desalting in N	evada,	PRESTON, A.	W74-03589 7-07 5A
W74-08065	7-15 3A	Distribution of Caesium-137 in British Coastal	PRICE, J. C.
PREIS, W. R.		Waters, W74-02365 7-05 5B	Analysis of Some Methods for Obtaining Sea
Method for Treating Sewage, W74-03012	200 00		Surface Temperature from Satellite Observa- tions.
	7-06 5D	PRESTON, H. A. Automated Flow-Recording System for Field	W74-12063 7-23 7C
PREISENDORFER, R. W. Surface-Wave Transport in	Nonuniform	Drainage Monitoring-Direct Data Compilation	PRICE, K. R.
Canals,	Nonumorm	of Surface and Subsurface Drain Flow, W74-08267 7-16 4A	Vascular Plants of Waste Storage Sites in the
W74-11968	7-22 8B	PRESTON, J. R.	200 Areas of the Hanford Reservation, W74-08967 7-17 2
PREISSLER, P.		The Control of Wastewater and Oil Discharges	Wastewater Treatment Using Electrolysis with
Larval Distribution of Paraclunio Point Pinos Sewage Outfall, Mon		to the Sea with Particular Regard to Studies Recently Carried Out in Singapore's Southern	Activated Carbon Cathode,
California (Diptera, Chironomidae	e),	Coastal Waters,	W74-08028 7-15 5D
W74-01779	7-04 5B	W74-08472 7-16 5G	Wastewater Treatment Using Electrolysis with
PREJS, K.		PRESTON-WHYTE, R. A.	Activated Carbon Cathode, W74-09729 7-18 5D
Spatial Differentiation and Chang Zoomicrobenthos in Three Masur		Mean Rainfall and Mean Runoff in South Africa; an Investigation into Phase Differences,	PRICE, L. W.
W74-05050	7-10 5C	W74-02909 7-06 2A	Rates of Mass Wasting in the Ruby Range
PRENDIVILLE, P. W.		PRESTVIK, O.	Yukon Territory, W74-04371 7-09 2
Direct Filtration: An Economic	Answer to a	Variation in Soil Factors and Crop Yield on a Sandy Soil Rich in Organic Matter, (In Norwe-	
City's Water Needs, W74-08788	7-17 5D	gian),	PRICE, M. P. Upper Eel River Development. Investigation of
PRENTICE, C. M.		W74-01051 7-02 3F	Alternative Conveyance Routes,
'Maximum Load' Casing Design,		PREUNER VON PRITTWITZ, J.	W74-03503 7-07 6E
W74-03157	7-06 8B	Hygienic Conditions in the Procurement of Drinking Water from Individual Sources (In	PRICE, N. B.
PRESCOTT, G. C. JR.		German), W74-02547 7-05 5B	Distribution of Trace Metals in the Pore Water of Shallow Water Marine Sediments,
Ground-Water Favorability a Geology of Parts of the Medxnek			W74-00828 7-02 2K
Prestile Stream Basins, Maine,		PREUS, P. Control of Waterborne Oil Slicks,	Particulate Metals in Waters of Sorfjord Wes
W74-13192	7-24 7C	W74-08036 7-15 5G	Norway, W74-01528 7-03 51
Ground-Water Favorability a		Convertible Barrier for Substances Floating on	
Geology of the Lower St. John Maine,	kiver valley,	Water,	PRICE, R. K. Comparison of Four Numerical Methods fo
W74-13193	7-24 7C	W74-05902 7-11 5G	Flood Routing,
PRESCOTT, G. W.		PREVOSTO, M. Effects of Irrigation on the Production and	W74-09621 7-18 2F
Seasonal Variation of Chemical Alaskan Tundra Lakes,	Parameters in	Yields of Specialized Poplar Groves on a Tree	PRICE, V. S. State Environmental Management, Case Stu
W74-01347	7-03 5B	Farm in the Piedmont Plains, (in Italian), W74-01755 7-04 4A	dies of Nine States,
PRESCOTT, J. R.		PREWETT, O. E.	W74-04503 7-09 50
Development of Models for An		Techniques for Measuring Light Absorption	PRICE, W. A.
Resources Development and Use gional Framework,	Within a Re-	Scattering, and Particle Concentrations in Water,	Variable Dispersion and Its Effects on the Movements of Tracers on Beaches,
W74-02455	7-05 6A	W74-01283 7-03 7B	W74-04618 7-09 2
PRESSLEY, T. A.		PRICE, D.	PRICE, W. E. JR.
Ammonia-Nitrogen Removal b Chlorination,	y Breakpoint	Selected Hydrologic Data in the Upper Colorado River Basin,	Simulation of Alluvial Fan Deposition by a Random Walk Model.
W74-06838	7-13 5D	W74-11979 7-22 7C	W74-10054 7-19 21

PRIDE, R. W.

PRIDE, R. W.	PRISKER, B. S.	PROCHAZKOVA, L.
Estimated Use of Water in Florida, 1970,	Industrial Experience with Pneumatic-Mechani-	Changes of Some Chemical Constituents an
W74-07917 7-15 6D	cal Aerators (Obyt primeneniya pnevmomek-	Bacterial Numbers in Slapy Reservoir Durin
	hanicheskikh aeratorov v proizvodstvennykh	Eight Years,
PRIEBE, W. F.	usloviyakh),	W74-05070 7-10 5
Benthic Oxygen Demands of Houston Ship	W74-05434 7-11 5D	m
Channel Sediments,		The Influence of Two Re-Regulation Rese
W74-06073 7-12 5C	PRITCHARD, D. W.	voirs on the Chemical and Bacteriological Pro
	The Equations of Mass Continuity and Salt	perties of River Water, W74-05074 7-10 5
PRIESTER, L. E.	Continuity in Estuaries,	W74-05074 7-10 5
Policy For Location of Power Plants in Coastal	W74-00510 7-01 2L	PROCTOR, D. E.
Areas,		Anaerobic-Aerobic Lagoon Treatment of Dair
W74-11145 7-21 6G	Estuaries,	Manure Wastes.
Delushlarinated Dinhanul Besidues in Human	W74-04321 7-09 2L	W74-11804 7-22 5
Polychlorinated Biphenyl Residues in Human		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Plasma Expose a Major Urban Pollution Problem.	Hydrography of the Chesapeake and Delaware	PROCTOR, P. D.
W74-02078 7-04 5B	Canal,	Heavy Metals in the Main Streams of the
W 14-02078 7-04 3B	W74-09944 7-19 4A	James River Basin, Missouri,
PRIEVE, D. C.	1 Ct	W74-02445 7-05 5
Three-Dimensional Turbulent Diffusion from	A Statement Prepared for Submission at the	
Point Sources of Thermal Pollution in a Rectan-	Public Hearing on Application Made by Bal-	PROCTOR, R. R. JR.
gular Open Channel,	timore Gas and Electric Company for a Permit	Some Effects of Filtration on the Determin
W74-05823 7-11 5B	to Appropriate and Use Surface Water for	tion of Nutrients in Fresh and Salt Water,
7-11 JB	Operation of the Calvert Cliffs Nuclear Power	W74-01521 7-03 7
PRIHODA, K.	Plant Made to the Maryland Department of	PROHASKA, F. J.
Geothermal Prospecting in Shallow Holes and	Water Resources,	New Evidence on the Climatic Controls Alor
Its Limitations.	W74-02886 7-06 5C	the Peruvian Coasts.
W74-09001 7-17 2F		W74-06471 7-12 6
	A Test of Mixing Length Theories in a Coastal	W/4-004/1 /-12 G
PRILIPKO, I. T.	Plain Estuary,	PROKACHEVA, V. G.
Apparatus for Automatic Control of Sediment	W74-00528 7-01 2L	Application of Satellite Data for Hydrolog
Level (Pribor dlya avtomaticheskogo kontrolya	PRITCHARD B H	Purposes (Ispol'zovanive sputnikovov info
urovnya osadka),	PRITCHARD, P. H.	matsii dlya gidrologicheskikh tseley),
W74-03541 7-07 5D	Microbial Degradation of Oil and Hydrocar-	W74-08049 7-15 7
	bons in Continuous Culture,	
PRILL, R. C.	W74-08615 7-16 5B	Possibility of Mapping Ice Conditions on Lar
Flow Characteristics of a Subsurface-Con-	PRITCHARD, R. S.	Lakes From Satellite Imagery (Vozmozhnos
trolled Recharge Basin on Long Island, New		kartirovaniya ledovoy obstanovki na krupnyl
York,	Modeling the Pack Ice as an Elastic-Plastic	ozerakh po snimkam s iskusstvennykh spu
W74-02734 7-06 4B	Material,	nikov Zemli),
Annual Control of the	W74-09941 7-19 2C	W74-10266 7-19 2
PRINCE, A. T.	PRITSKER, B. S.	BROKOBENKO N I
Development of Nutrient Control Policies in	Calculations for Displacement-Type Aeration	PROKOPENKO, N. I. Effect of Fertilizers and Irrigation Conditio
Canada,	Tanks (Raschet aerotenkov-vytesnitelei),	
W74-01809 7-04 5C	W74-13427 7-24 5D	on Yield, Chemical Composition, Baking Qua
BRITION II II	#74-13427 7-24 3D	ties of Winter Wheat Grain of Bezostaya 1 Co
PRINCE, H. H.	System of Combined and Profound Treatment	tivar, (In Russian), W74-04830 7-09
Survival and Reproduction of Ring-Necked	of Pulp and Paper Industry Waste Waters with	W /4-04630 /-U9 ;
Pheasants Consuming Two Mercurial Fungi-	Activated Sludge,	PROKOPOVA, N. P.
cides,	W74-12428 7-23 5D	Catalog of USSR Glaciers. Volume 14. Sovi
W74-06808 7-13 5C	1-23 30	Central Asia. No. 1. Syrdar'ya. Part 6. Atbas
PRINCIOTTA, F. T.	PRIVAL'SKIY, V. YE.	River Basin (Katalog lednikov SSSR. Tom 1
	Optimal Linear Extrapolation of Level Fluctua-	Srednyaya Aziya. Vypusk 1. Syrdar'ya. Cha
Control of Sulfur Oxide Pollution from Power	tions of Closed Water Bodies (Optimal'naya	6. Basseyn r. Atbashi),
Plants, W74-11431 7-21 5G	lineynaya ekstrapolyatsiya kolebaniy urovnya	W74-11220 7-21
W74-11431 7-21 5G	zamknutykh vodoyemov),	
PRINGLE, L.	W74-07195 7-14 4A	PROKOPOWICH, J. AND
A ALLEY CONTROL OF THE PARTY OF	1.14 411	Potentiation of Yaka 222 has Addition

The Upper Hudson Whitewater or Washwater, 7-17 6D

PRINSENBERG, S. J.

Effects of Friction and Surface Tide Angle of Incidence on the Coastal Generation of Internal Tides, W74-01190 7-03 2E

PRIOR, F. T.

Effects of Antibodies on Survival of Carangid Fish Larvae (Caranx Mate), Reared in the Laboratory, W74-13079 7-24 5C

PRIOR, H. L.

The Results of an Agricultural Analysis of the ERTS-1 MSS Data at the Johnson Space Center. W74-01686 7-04 3F

Water Level Fluctuations of the Caspian Sea (K probleme urovennogo rezhima Kaspiyskogo

morya), W74-04575 7-09 2H

PROBST, W.

Profile of the Vegetation of the Elburs Mountain Range (Northern Iran), (In German), W74-01385 7-03 2I

PROCELLA, D. B.

Temperature-Toxicity Model for Oil Refinery Waste, W74-13264 7-24 5B

PROCHAZKA, J.

Use of Depth Floats in Drainage Canals with Aquatic Weed, W74-11510 7-22 7B

iet shi st' 2C

of Lake 227 by Addition of Phosphate and Nitrate: The Second, Third, and Fourth Years of Enrichment, 1970, 1971, and 1972, W74-04789

PRONINA, N. D.

Effect of Dehydration on Atpase Activity in Poikilohydrous and Homeohydrous Plants, (In Russian), W74-06255 7-12 2I

PROPHETER, O. W.

Comparison of Germanium Detectors for Neutron Activation Analysis for Mercury, W74-12220

PROSSER, M. V.

The Probable Occurrence of Hydroxylamine in the Water of an Ethiopian Lake, W74-00067 7-01 5A

Water Production Functions and Irrigation Programming for Greater Economy in Project and

	* 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	71 . 1 . 1 . 0 . 1
PROST, M. Efficacy of Some Methods Controlling Leeches	Irrigation System Design and for Increased Efficiency in Water Use,	Electrochemical Study of a Heterogeneous Copper(II)-Selective Electrode; Study of Selec-
in Water, W74-13096 7-24 5G	W74-03920 7-08 3F	tivity and Potential Stability, W74-00637 7-02 2K
W74-13096 7-24 5G	PRUSS, A. G.	W 14-00031 1-02 2K
PROTASOV, P. V.	Drought Resistance of Pear Varieties of the	Enhancement of Sensitivity for Determination
Loss of Nitrogen from Various Nitrogen Fertil-	Main Ecological-Geographic Groups, (In Rus-	of Mercury in Waters,
izers on Irrigated Land, W74-02936 7-06 3F	sian), W74-04220 7-08 3F	W74-03080 7-06 5A
W /4-02930 /-00 3F	W /4-04220 /-08 31	PURCHAS, D. B.
PROTZ, R.	PRYDZ, S.	Media Filtration in Effluent and Waste Water
Studies in the Lake Ontario Basin Using ERTS-	Summary of the State of the Art in Radiochro-	Treatment,
1 and High Altitude Data, W74-02599 7-05 7B	matography, W74-07571 7-14 5A	W74-08432 7-16 5D
W 14-02333	W14-0/3/1	PURDAY, C.
PROUDMAN, J.	PSAREVA, T. V.	An Algal Mass Culture Unit for Feeding
Oscillations of Tide and Surge in an Estuary of Finite Length.	Catalog of USSR Glaciers. Volume 8. Northern	Marine Invertebrate Larvae,
W74-01649 7-03 2L	Caucasus. Part 6. Chegem River Basin. Part 7. Cherek River Basin(Katalog lednikov SSSR.	W74-08723 7-17 5C
	Tom 8. Severnyy Kavkaz. Chast' 6. Basseyn r.	PURDOM, P. W.
PROUSE, N. J.	Chegema. Chast' 7. Basseyn r. Chereka),	A Study of Incinerator Residue Analysis of
Laboratory Studies of the Accommodation of Some Crude and Residual Fuel Oils in Sea	W74-11216 7-21 2C	Water Soluble Components, W74-10269 7-19 5B
Water,	PSZONKA, B.	W /4-10209 /-19 3B
W74-04775 7-09 5B	Phenolic Compounds in Spent Pulping Liquors	PURDY, R. E.
PROVASOLI, L.	and Pulp Mill Effluents (Zwiazki fenolowe w	Identification of Cutin, a Lipid Biopolymer, as
The Development of Artificial Media for	lugach i sciekach z celulozowni),	Significant Component of Sewage Sludge, W74-00072 7-01 5A
Marine Algae,	W74-06400 7-12 5A	W /4-000/2 /-01 3A
W74-08734 7-17 2I	PTAK, D. J.	PURDY, W. C.
PROWS, B. L.	Identification and Incidence of Klebsiella in	Coulometric Determination of Iron(II)-1,10-
Development of a Selective Algaecide to Con-	Chlorinated Water Supplies,	Phenanthroline with Cerium(IV), W74-04867 7-10 5A
trol Nuisance Algal Growth,	W74-03294 7-07 5A	W74-04867 7-10 5A
W74-00702 7-02 5G	PUDOVA, T. V.	PURI, B. K.
PROWSE, G. A.	Long-Term Trends in Groundwater Level Fluc-	Polarographic Determination of 8-Hydrox-
A Chemical Survey of the Malacca River,	tuations (Mnogoletniye tendentsii v	yquinolinates After Extraction with Naphthalene. Trace Analysis of Cadmium and
W74-01600 7-03 2K	kolebaniyakh urovney poszemnykh vod), W74-07191 7-14 2F	Lead,
PROZESKY, O. W.	177 21	W74-11876 7-22 5A
Drug Resistance of Coliform Bacteria in	PUGH, K. B.	WINT II C
Hospital and City Sewage,	An Adapted Determination of Phosphate in	PURI, H. S. Hydrogeology of Subsurface Liquid-Waste
W74-05361 7-10 5B	Seawater for Use with the Hybrid Automatic Analyser,	Storage in Florida,
Drug Resistant Coliforms Call for Review of	W74-09623 7-18 5A	W74-03361 7-07 5E
Water Quality Standards,		MIRATE I I
W74-10497 7-20 5D	A Hybrid Automatic Analyser, W74-09622 7-18 5A	PURNELL, J. H. Computer Analysis of Data from Potentiomet-
PRUDER, G.	W /4-09022 /-16 3A	ric Titrations Using ion-Selective Indicator
The Use of Ion Specific Electrodes for Chemi-	PUGLISI, F. A.	Electrodes,
cal Monitoring of Marine Systems: Part IThe	Effect of Polychlorinated Biphenyl Compounds	W74-02978 7-06 2K
Ammonia Electrode as a Sensitive Water Quali-	on Survival and Reproduction of the Fathead Minnow and Flagfish,	PURPURA, J.
ty Indicator Probe for Recirculating Maricul-	W74-13085 7-24 5C	Quantitative Research on Littoral Drift in Field
ture Systems, W74-09220 7-17 5A		and Laboratory,
	A Simplified Flow-Splitting Chamber and Siphon for Proportional Diluters,	W74-04966 7-10 2J
PRUDHOE, J.	W74 06004 7 12 7D	PURPURA, J. A.
The Estimation of Flood Flows from Natural Catchments.		Application of Fluorescent Coated Sand in Lit-
W74-05850 7-11 4A	PUGSLEY, A. P.	toral Drift and Inlet Studies,
	A Simple Technique for the Differentiation of Escherichia Coli In Water Examination.	W74-04616 7-09 2L
PRUEFER, P. Detrimental Effects of Toxical Charge by	W74-00296 7-01 5A	PURRETT, L. A.
Heavy Metals or Phenol on Submerged	·	Looking for Pollution Under the Earth,
Macrophytes (Fontinalis Antipyretica L.), (In	PULICH, W. M. Physiology and Ultrastructure of an Oxygen-	W74-04004 7-08 5B
German),	Peristant Chlorella Mutant Under	PURTYMAN, W. D.
W74-12165 7-23 5C	Heterotrophic Conditions,	Preliminary Study of The Quality of Water in
PRUGGMAYER, D.	W74-02922 7-06 5C	The Drainage Area of The Jemez River and Rio
Investigation of Volatile Organic Micropollu-	PULLINGER, B. F.	Guadalupe, W74-10658 7-20 5B
tants in Air and Water Using Low-Temperature	A Method for Analysis of Residential Water	W74-10658 7-20 5B
Capillary GC-MS, W74-11863 7-22 5A	Demand and Its Polation to Management	PURTYMUN, W. D.
	W74-11695 7-22 6B	The Distribution of Plutonium in Liquid Waste
PRUITT, W. O.	PUNGOR, E.	Disposal Areas at Los Alamos,
Functions to Predict Optimal Irrigation Pro-	Determination of Mercury in Water by the	W74-13117 7-24 5B
grams, W74-09476 7-18 3F	Flameless Atomic Absorption Method (Higany	PURTYMUN, W. H.
	meghatarozasa vizben lang nelkuli atomab-	Ecodistribution of Plutonium in Liquid Waste
Water Production Functions and Irrigation Pro- gramming for Greater Economy in Project and		Disposal Areas at Los Alamos, W74-04443 7-09 5B
gramming for Greater Economy in Project and	1-20 JA	7-05 35

PURUSHOTHAMAN, K.

PURUSHOTHAMAN, K.	f T Madala	QASHU, H. K.	QUINN, J. G.
The Lead Industry as a Source of in the Environment,	I Trace Metals	Chemical and Biological Patterns in the Lower Colorado River System,	Association of Hydrocarbons and Mineral Par- ticles in Saline Solution,
W74-09208	7-17 5B	W74-00760 7-02 5C	W74-00265 7-01 5B
PURVES, J. B.		Transient Movement of Water and Solutes in	Intercalibration of Analyses of Recently
Numerical Indices Applied to th		Unsaturated Soil Systems,	Biosynthesized Hydrocarbons and Petroleum
Survey of the Macro-Invertebrat		W74-01104 7-03 2G	Hydrocarbons in Marine Lipids, W74-02390 7-05 5A
Tamar Catchment (Southwest En W74-11322	7-21 5B	QAZI, R.	W /4-02390 /-03 3A
W 74-11322	7-21 30	Analytical Model for Management of Alluvial	Solubilization of Hydrocarbons by the Dis-
PUSHKAR, P.		Aquifers,	solved Organic Matter in Sea Water,
Strontium, Calcium and the Isot tion of Strontium in Undergroun		W74-09477 7-18 4B	W74-13166 7-24 5D
the Scioto River Basin, Ohio,	d waters from	QUE HEE, S. S.	QUINN, P.
W74-02218	7-05 2F	Esterification of (2,4-Dichlorophenoxy)Acetic	Shigella Sonnei Isolated from Well Water,
		Acid - A Quantitative Comparison of Esterifi- cation Techniques.	W74-01551 7-03 5A
PUSKAS, T. Hydra IIAutomatic Digital	Telemetering	W74-05312 7-10 5A	QUINN, W. F.
System.	retemetering		An Analytical Study of a Coiled-Pipe Heat
W74-11555	7-22 7B	QUELLETTE, G. J.	Sink,
DUCTEAL C		Interaction of Temperature and Moisture on Iron and Manganese Availability in Soils,	W74-04589 7-09 8B
PUSZTAI, G. Some Hydrobiological Problems	of the Ground-	W74-10913 7-21 2G	QUINTERO, J. E.
water Enrichment at the Budape		OVERVIEW CENTER N	Low Energy Mechanical Methods of Reservoir
Waterworks,		QUENNERSTEDT, N. Diatoms in the Lake Vegetation of the Langan	Destratification,
W74-13383	7-24 5C	Drainage Area, Jamtland, Sweden	W74-11572 7-22 4A
PUTNAM, D. F.		(Diatomeernailangans sjovegetation),	QUIRK, T. P.
Definition of Reverse Osmosis		W74-12670 7-23 5C	Economic Guidelines for Analysis of Joint In-
for Spacecraft Wash Water Recy		Effect of Water Level Fluctuation on Lake	dustrial-Municipal Collection and Treatment
W74-00320	7-01 5D	Vegetation,	Systems, W74-05634 7-11 5D
PUTTASWAMYGOWDA, B. S.		W74-10801 7-20 5C	W74-05634 7-11 5D
Effects of Drainage and Organi	c Amendments	The Major Rivers of Northern Sweden,	QURAISHY, M. S.
on the Reclamation of a Sodio	Soil Cropped	W74-12668 7-23 5C	The Calculation of Critical Discharge Velocity
With Rice,	7-15 3C		of Streams in Uniform Flow and the Trans- ported Sediment Size,
W74-08087	1-13 30	QUERE, J-P. Destruction Trials of the Muskrat, Ondatra	W74-04800 7-09 2J
Effects of Straw, Calcium Chlo	oride, and Sub-	Zibethica L., in Ponds Using Poisoning Rafts,	
mergence on a Sodic Soil,		(In French),	The Fallacy of Baer's Law or Coriolis' Effect
W74-08274	7-16 2G	W74-08128 7-15 5G	on the Meandering of Rivers, W74-04799 7-09 8B
PUUMALAINEN, P.		QUERRY, M. R.	W 14-04/25 7-05 8B
A Selective Microscale X-ray		High Sensitivity Laser Absorption Spectrosco-	The Problem of Critical Discharge in Sediment
Analyzing Method for Determin	nation of Trace	py of Laboratory Aqueous Solutions and of	Motion, W74-04801 7-09 2J
Elements, W74-06135	7-12 5A	Natural Missouri Waters. A Feasibility Study,	W /4-04801 /-09 23
		W74-01658 7-04 2K	QURESHI, G. A.
PUZAK, J. C.		Infrared Reflectance Measurements of Missou-	A Liquid Ion-Exchange Nitrate-Selective Elec-
Determination of Total Merci Charcoal Adsorption and Uli		ri Waters for Water Quality Applications,	trode Based on Carbon Paste, W74-03884 7-08 5A
trophotometry,	naviolet spec-	W74-01659 7-04 5A	17-03-04 7-00 3A
W74-11363	7-21 5A	Optical Constants of Water in the 200-nm to	QURESHI, M.
9357 A (97/8) 92 92		200-Micrometer Wavelength Region,	Paper Chromatographic and Electrochromato- graphic Separation of Edta Complexes of Metal
PYATT, E. E. Water Resources and Social Cho	nices	W74-02167 7-05 2K	Ions,
W74-03951	7-08 6B	QUICK, M. C.	W74-07693 7-15 5A
BUATUCINA V V		Mechanism for Streamflow Meandering,	Quantitative Separation of Magnesium and Pal-
PYATYGINA, K. V. Relationship Between Climatolo	oical Values of	W74-08388 7-16 8B	ladium from Numerous Metal Ions on Titanium
Air Temperature and Amount of		QUICK, M. P.	Tungstate Papers by Electrochromatography,
W74-05568	7-11 2B	The Rapid Determination of The Or-	W74-09782 7-18 5A
BVIED D E		ganophosphorus Pesticides Diazinon and	OVARFORT, U.
PYLER, R. E. Method of Removing Oil Spills,		Dichlorvos in Blood by Gas Chromatography, W74-00460 7-01 5A	The Mercury Content of Sediments from Two
W74-07222	7-14 5G		Lakes in Dalarna, Sweden,
MUDER C B		QUIGLEY, J. J.	W74-13040 7-24 2J
PYPER, G. R. Environmental Technology at N	orwich Univer-	Waste Water Treatment in Commercial Fish Processing: Reducing Stick Water Loadings,	RAATS, P. A. C.
sity,	orwich oniver-	W74-07270 7-14 5D	Jump Conditions in the Hydrodynamics of
W74-08871	7-17 6G		Porous Media,
PYTKOWICZ, R. M.		QUIMBY, M. C. Fish Viruses: Isolation and Identification of In-	W74-12821 7-24 2F
Bicarbonate and Carbonate I	on-Pairs and a	fectious Hematopoietic Necrosis in Eastern	Propagation of Sinusoidal Solute Density Oscil-
Model of Seawater at 25 C,	uno uno a	North America,	lations in the Mobile and Stagnant Phases of a
W74-09894	7-19 2K	W74-05322 7-10 5A	Soil,
Measurement of the Appare	nt Dissociation	QUINN, F. J.	W74-00604 7-02 2G
Constants of Carbonic Acid in		Area-Of-Origin Protectionism in Western	Steady Flow Patterns in Saturated and Unsatu-
mospheric Pressure,		Waters,	rated, Isotropic Soils,
W74-05731	7-11 2K	W74-05854 7-11 6B	W74-13007 7-24 2G

RADOSEVICH, E.
Consolidation of Irrigation Systems: Phase 1,

Unstable Wetting Fronts in Uniform and Nonu-

niform Soils,

RAHMAN, K. M. A.
Alternative Solutions to Water Resource

W74-00605 7-02 2G	Engineering, Legal, and Sociological Con- straints and/or Facilitators.	DevelopmentA Case Study, W74-09661 7-18 6B
RABE, F. W.	W74-01367 7-03 3F	710 05
Effects of Copper, Zinc, and Cadmium on		RAHN, J. J.
Selanastrum Capricornutum,	RADOSEVICH, G.	Pan and Lake Evaporation in Pennsylvania,
W74-10563 7-20 5C	Water Law and Its Relationship to Environ- mental Quality: A Bibliography of Source	W74-05121 7-10 2D
RABIN, A. C.	Material.	RAHN, P. H.
Acridine Orange-Epifluorescence Technique	W74-03322 7-07 5G	Calculation of Permeability of Cretaceous
for Counting Bacteria in Natural Waters,		Sandstones from Pumping and Static Level
W74-01534 7-03 5A	RADOSEVICH, G. E.	Data in Selected Areas of Western South
RABINOVICH, YU. I.	Legal and Institutional Constraints in Con-	Dakota,
Remote Sensing of the Moisture Content of the	solidating Irrigation Systems, W74-02533 7-05 3F	W74-01113 7-03 2F
Atmosphere and Underlying Surface,	W 74-02555 7-05 51	Large Springs in the Black Hills, South Dakota
W74-12982 7-24 7B	Systematic Design of Legal Regulations for Op-	and Wyoming,
	timal Surface-Groundwater UsagePhase 1,	W74-12367 7-23 3F
RABOCHEV, I. S.	W74-04853 7-10 4B	
Gross Chemical Composition of Murgab Oasis Desertified and Ancient-Irrigation Soils (In	Water Conveyance: Laws, Organization and	RAICHLEN, F. Wave Induced Oscillations in Harbors,
Russian).	Efficiency.	W74-02708 7-06 2L
W74-04123 7-08 3C	W74-05910 7-11 6E	W 14-02/06 7-06 2L
		RAIMDZHANOV, N.
RACHFORD, T.	Water Law in Relation to Environmental Quali-	Species Composition of Fishes in the Sanzar
A Method for Integrating Surface and Ground	ty, W74-10202 7-19 5G	River, (In Russian),
Water Use in Humid Regions, W74-11964 7-22 5F	W 74-10202 7-19 3G	W74-03945 7-08 21
W74-11964 7-22 5F	RADZIUL, J. V.	RAINEY, D. E.
RACHFORD, T. M.	Mathematical Modeling for Status Prediction	Underwater Leakage Oil Collector System,
Procedures for Filling Gaps in Hydrologic	and Control of Water Distribution Systems,	W74-11056 7-21 5G
Event Series,	W74-04320 7-09 4A	
W74-12291 7-23 2E	RAFFELSON, C. N.	RAINS, B. A.
BACHINAP I A	Evaporation from Snowdrifts Under Oasis	A Method for Industrial Waste Control and
RACHUNAS, L. A. Fish Nutrition in the Cooler Reservoir of the	Conditions,	Surcharge Assessment,
Lithuanian Electric Power Station, (In Rus-	W74-02183 7-05 2D	W74-02850 7-06 6C
sian),		Odors Emitted from Raw and Digested Sewage
W74-12164 7-23 5G	RAGAN, R. M. The Determination of Zones of Intense Con-	Sludge,
	tribution to Stream Flow as Related to the Con-	W74-07960 7-15 5D
RADA, A. R.	cept of Partial Area Contributions,	
An Investigation into the Extent and Cause of	W74-10904 7-21 2A	RAINWATER, F.
Eutrophication in Canyon Ferry Reservoir, Montana,		The EPA Research and Development Program for Environmental Controls in the Power In-
W74-11573 7-22 5C	Investigations of the Response of an Uncon-	dustry,
	fined Aquifer to Localized Recharge,	W74-10781 7-20 5G
RADD, F. J. AND	W74-08234 7-16 2F	
Experimental Pressure Studies on Frost Heave	RAGHAVAN, R.	RAISCH, J. W.
Mechanisms and the Growth-Fusion Behavior	Stimulation Modes of Geothermal Aquifers,	Utah Environmental Problems and Legislative
of Ice, W74-04385 7-09 2C	W74-02876 7-06 4B	Response: II, Legislative Response, W74-08535 7-16 5G
W14-04383 1-09 2C	RAGONE, S. E.	W /4-06333 /-10 3Q
RADER, R. D.	Short-Term Effect of Injection of Tertiary-	Utah Environmental Problems and Legislative
Start-Up of Municipal Wastewater Treatment	Treated Sewage on Iron Concentration of	Response: Part 1,
Facilities,	Water in Magothy Aquifer, Bay Park, New	W74-09282 7-18 5G
W74-06578 7-13 5D	York,	BAICTARVA I C
RADKE, L. F.	W74-03232 7-07 5C	RAISTAKKA, J. E. Conduit Structure for Migrating Fish,
Airborne Measurements of the Size Distribu-	BACCBALE H.I.	W74-04715 7-09 8I
tion and the Condensation and Ice Nucleating	RAGSDALE, H. L. An Ecological Approach to the Evaluation of	17-07-13
Ability of Particles Produced by AgI Contain-	Radioactivity Within the Man-Environment	RAITARU, M.
ing Pyrotechnics and Acetone Solution Bur-	Ecosystem,	The Effect of KCl in Drinking Water on Milk
ners,	W74-05182 7-10 5B	Secretion and Composition, (In Rumanian),
W74-10239 7-19 3B		W74-00483 7-01 5C
RADO, F. A.	Environmental Control in Nuclear Fuel	RAJAGOPALAN, R.
Water Treatment System,	Reprocessing, W74-11955 7-22 5B	Nucleonic Sediment Concentration Gauge
W74-07979 7-15 5F	W74-11955 7-22 5B	Comparison of Transmission and Scattering
	RAHEJA, P. C.	Modes,
RADOSAVLJEVIC, R.	Lake Nasser,	W74-04774 7-09 2J
A Comparison of the Content of Microelements	W74-08749 7-17 4A	DATADAM K D
in the Water of the River Danube Near Vienna	DAUM C A	RAJARAM, K. P. Degradation of Parathion by Bacteria Isolated
and Belgrade for 1961-1970 (Ein Vergleich des	RAHIM, S. A. Absorptiometric Determination of Trace	from Flooded Soil.
Gehaltes an Spurenelementen im Donauwasser bei Wien und Beograd fue 1961-1970),	Amounts of Sulphide Ion in Water.	W74-04889 7-10 5B
W74-02436 7-05 5A	W74-04072 7-08 5A	
		RAJARATNAM, N.
Complex Behaviour of Cobalt in the Danube	RAHMAN, A.	Circular Turbulent Jet in an Opposing Infinite
River,	Hydrogen-Bond Patterns in Liquid Water,	Stream, W74 12007 7 22 5B
W74-02373 7-05 5B	W74-03539 7-07 1A	W74-12097 7-23 5B

RAJARATNAM, N.

AJAKAINAM, N.		
Flow Characteristics of Sloping Channel	RAMAZANOV, F. I.	RAMU, K. L. V.
Jumps, W74-08387 7-16 8B	Water Regime of Sunflower Under Different Conditions of Phosphorus Nutrition, (In Rus-	Viscous Drag Reduction in Developing Pipe Flow.
	sian),	W74-11755 7-22 8B
Three-Dimensional Turbulent Wall Jets, W74-05827 7-11 8B	W74-01227 7-03 3F	RAMZAEV, P. V.
W 14-03021	RAMBEAU, M.	Some Regularities of Sr90 Accumulation in the
RAJE, S.	Evaluation of Asymmetric Hollow Fibers for	Body of a Rat with a High Fluorine Content in
First Look Analyses of Five Cycles of ERTS-1 Imagery Over County of Los Angeles: Assess-	Desalination by Reverse Osmosis, W74-00160 7-01 3A	Its Drinking Water, (In Russian), W74-02195 7-05 5C
ment of Data Utility for Urban Development	RAMEH, C. A.	DANA S A
and Regional Planning, W74-06636 7-13 4A		RANA, S. A. Analysis of Sediment Sorting in Alluvial Chan-
	Paulo State and its Relationship to the Pulp and	nels,
RAJEVSKI, V. The Application of 'Rotenone' for the Exter-	Paper Industries (Enfoque do controle de polu-	W74-01274 7-03 2J
mination of the Indigenous Fish Stock in		RANANTHAU, K. R.
Waters Where Intensive Fish Farming is to be	remerchanicate com as measures as construct	Bio-Processes of the Oxidation Ditch in a Sub-
Introduced,	W74-11090 7-21 5D	Arctic Climate,
W74-08001 7-15 83	RAMEL, C.	W74-10177 7-19 5D
RAKHIMOV, A. R.	Genetic Effects,	RANDAL, M. A.
Some Regulatory Mechanisms of Cotton Adap-		Groundwater in the Northern Wiso Basin and
tation to Drought and a Surplus Water Supply. (In Russian),	RAMESAM, V.	Environs, Northern Territory, W74-05331 7-10 4B
W74-11700 7-22 21	Preliminary Studies on the Mechanisms Con-	W /4-03331 /-10 4B
RAKO, J.	trolling the Salinity in Northwestern Arid Re-	RANDALL, C. W.
Information on the Recent Practice of Hygienic	gion of Indiaa Discussion on the Causes of Salinity in the Groundwater Regime,	Biological Treatability of Trinitrotoluene Manu- facturing Wastewater,
Qualifications of Surface Waters, (Tajekoztato	W74-05132 7-10 2F	W74-09470 7-18 5D
a Felszini Vizek Higienes Minositesenek Jelen	RAMEY, H. J.	
legi Gyakorlatarol), W74-11256 7-21 5C		Systems simulation of the effect of tertiary treatment for carbon, nitrogen, and phosphorus
	W74-10091 7-19 8G	removal upon primary productivity, standing
RAKOSH, L. A 6000 Gallon/Ton Fine Paper Machine Wate	RAMEY, H. J. JR.	crop, and community structure of autotrophic
System,	A General Pressure Buildup Theory for a Well	and hetertrophic communities in receiving
W74-08424 7-16 5I		model streams. W74-07337 7-14 5C
A Pilot Plant Study for the Treatment of Paper	W74-04144 7-08 8B	
mill and Deinking Effluents,	Stimulation Modes of Geothermal Aquifers,	RANDHAWA, K. S. Studies on the Influence of Irrigation and Dif-
W74-12429 7-23 5I	W74-02876 7-06 4B	ferent Doses of N, P and K on the Flowering
RALEIGH, C. W. AND	RAMNARINE, A.	Behaviour and Absorption of Nutrient Ele-
Hydrogen Peroxide for Industrial Pollution		ments in Muskmelon (Cucumis melo L.),
Control, W74-04532 7-09 5I	the Relationship Between Metal Toxicity and	W74-08144 7-15 3F
W /4-04332 /-09 31	Organism Survival in the Calanoid Copepod Euchaeta Japonica,	RANDOLPH, P. D.
RALLS, J. W.	W74-12250 7-23 5C	Telemetered Profiling Isotopic Snow Gauge: Final Report and Specifications,
In-Plant, Continuous Hot-Gas Blanching o Spinach,	RAMOS, D.	W74-09757 7-18 2C
W74-07368 7-14 31		
DATCON D D	of Phoenixville, Pennsylvania,	RANDOLPH, R. C. Corrosive Effects of Potable Water,
RALSON, D. R. Administration of Groundwater as Both	W74-00153 7-01 5D	W74-07886 7-15 8G
Renewable and Nonrenewable Resource,	RAMOS, G.	
W74-12792 7-24 41	Quantity and Chemical Quality of Low Flow in the East Fork San Jacinto and West Fork San	RANDTKE, A. Marine Phytoplankton Vary in Their Response
RAMA SARMA, D. V.	Jacinto Rivers near Houston, Texas, June 24,	to Chlorinated Hydrocarbons,
Mixing and Circulation in Gautami-Godavar		W74-08728 7-17 5C
Estuary, W74-03459 7-07 21	W74-04481 7-09 5B	Marine Phytoplankton Vary in Their Response
W 74-03439 7-07 21	RAMOS, J.	to Chlorinated Hydrocarbons,
RAMANADHAM, R.	Deep-Well Acid DisposalPlanning and	W74-08730 7-17 5C
Coastal Circulation Near Kakinada Bay Durin Monsoon Period,	Completion, W74-10866 7-20 5B	RANGO, A.
W74-04941 7-10 21		Application of ERTS-1 Imagery to Flood Inun-
Studies on the Currents in the Littoral Zone of	RAMSDEN, I.	dation Mapping,
the Waltair Beach,	f Cost Effectiveness in Sewage Treatment, W74-08263 7-16 5D	W74-02591 7-05 7B
W74-00519 7-01 2	J	ERTS-1 Applications in Hydrology and Water
RAMANATH, B.	RAMSEY, R. C. Development and Flight Test of the Multichan-	Resources, W74-06362 7-12 7B
Water Budget Estimation in Bellary Region,	nel Ocean Color Sensor (MOCS),	
W74-13145 7-24 21	W74-05026 7-10 7B	ERTS-1 Applications in Hydrology and Water
RAMASAMY, V.	RAMSEY, R. H.	Resources, W74-12062 7-23 7B
Flood Mitigation Versus Poplar Growing as Al	Soil Systems For Municipal Effluents - A	
ternative Public Investments: A Case Study, W74-01832 7-04 61	Workshop and Selected References, W74-11924 7-22 5D	Regional Flood Mapping From Space, W74-09906 7-19 7C
W74-01832 7-04 61	3 W74-11924 7-22 5D	W74-09906 7-19 7C

RANHAGEN, G. A Pulp and Paper Mill with Fully Closed Recirculation System Utopia or Realistic Possibili-	RAO, J. S. Population, Land Use and Livestock Composition in India and Its Arid Zone,	RAPP, J. B. Silica-Carbonate Alteration of Serpentine: Wall Rock Alteration in Mercury Deposits of the
ty. (Eine Zellstoff-und Papierfabrik mit voll- staendig geschlossenem Kreislauf eine	W74-07105 7-14 3F	California Coast Ranges, W74-00304 7-01 2K
Utopie oder eine realistische Moeglichkeit), W74-05289 7-10 5D	RAO, K. V. Uptake of Flouride by Water Hyacinth,	RAPP, J. R. Analysis of Pollution Control Costs,
RANKIN, J. M.	Eichhornia crissipes, W74-02970 7-06 5C	W74-08829 7-17 5G
Fluorometric Determination of Selenium in	W14-02970	117 30
Water with 2,3-Diaminonaphthalene, W74-01399 7-03 5A	RAO, N. S. L. Linearly Decreasing Velocity - Weirs,	RAPPE, A. Microbiological Determination of Thiram,
7-03 311	W74-10927 7-21 5D	W74-03846 7-08 5A
RANKIN, P. W. Polychlorinated Biphenyls and P,P' DDE in Green Turtle Eggs from Ascension Island,	Velocity Control with New Proportional Weirs, W74-13323 7-24 5D	RAPPMUND, R. A. Groundwater Discharge from the Edwards and
South Atlantic Ocean, W74-11335 7-21 5C	RAO, N. U.	Associated Limestones, San Antonio Area, Texas, 1973,
	Effect of pH on Survival of Escherichia Coli,	W74-11440 7-21 2F
RANSFORD, G. D.	W74-10890 7-20 5D	RAPSON, H. W.
Numerical Analysis of Groundwater Flows, W74-12104 7-23 4B	RAO, P. S. Physiological Ecology of Gelidiella Acerosa	Effluent-Free Bleached Kraft Pulp Mill: Present State of Development,
RANWEILER, L. E.	(Forsskal) Feldmann et Hamel,	W74-05275 7-10 5D
Atomic Absorption Procedure for Analysis of	W74-01424 7-03 5C	
Metals in Atmospheric Particulate Matter,	RAO, P. S. C.	RAPSON, W. H. The Effluent-Free Bleached Kraft Pulp Mill.
W74-12508 7-23 5A RANWELL, D. S.	Solute Transport in Aggregated Soils: Tracer Zone Shape in Relation to Pore-Velocity Dis-	Part IV. The Salt Recovery Process, W74-07379 7-14 5D
Ecology of Salt Marshes and Sand Dunes,	tribution and Adsorption,	
W74-01984 7-04 2L	W74-12855 7-24 5B	The Effluent-Free Bleached Kraft Pulp Mill. Part V. The R4 Process for Chlorine Dioxide
RANZAU, C. E. JR.	RAO, R. A.	Manufacture to Decrease Production of Sodi-
Data on Fresh-Water Inflow, April 14-July 28,	Evaporation, Infiltration and Rainfall-Runoff Processes in Urban Watersheds,	um Sulphate, W74-07378 7-14 5D
1973, For Analog-Model Study of the Houston Ship Channel, Houston, Texas,	W74-05405 7-11 2A	W14-01510
W74-07921 7-15 7C	D.O. C. W N.D.	RAQUET, C. A.
	RAO, S. M. AND Nucleonic Sediment Concentration Gauge -	Application of Thermal Imagery to the
RAO, A. R. Comparison of Rainfall-Runoff Models for	Comparison of Transmission and Scattering	Development of a Great Lakes Ice Information System,
Urban Areas,	Modes, W74-04774 7-09 2J	W74-11784 7-22 7B
W74-07463 7-14 2A	W74-04774 7-09 2J	RASHID, M. A.
RAO, D. B.	RAO, S. R.	Influence of Humic Substances on the Growth
Unsteady Drawdown at a Partially Penetrating Well in a Transversely Isotropic Artesian	Distribution of RA-226 in Soil and Water, W74-02057 7-04 5B	of Marine Phytoplankton: Diatoms, W74-02997 7-06 5C
Aquifer, W74-02466 7-05 4B	RAO, T. A. Ecological Aspects Along the Shores of the Bu-	RASMUSSEN, D. H. Anomalous Heat Capacities of Supercooled
RAO, G. G. Microdetermination of Arsenic(III) and Osmi-	rabalanga Tidal Estuary Balasore District, Oris- sa State.	Water and Heavy Water, W74-03740 7-07 1B
um(VIII) through Osmium-Thiourea Reaction,	W74-07049 7-13 2L	
W74-02396 7-05 5A	210 U 2 D	Clustering in Supercooled Water,
Notation of Distriction	RAO, V. P. R. Extraction and Spectrophotometric Determina-	W74-05251 7-10 1A
Photometric Determination of Diphenylamine with Cerium(IV) Sulphate,	tion of Vanadium as a Mixed Ligand Complex of Oxine and Azide.	RASMUSSEN, E. Systematics and Ecology of the Isefjord
W74-05478 7-11 5A	W74-02362 7-05 5A	Marine Fauna (Denmark): With a Survey of the
RAO, G. V.		Eelgrass (Zostera) Vegetation and Its Commu-
Cost Benefit Studies of Irrigation Projects and	RAO, V. R.	nities,
Suggestions for their Improvement, W74-01842 7-04 3F	Effect of Straw as a Fertilizer on Rice Yield, (In Russian),	W74-12681 7-23 21
RAO, G. V. V.	W74-13455 7-24 3F	RASMUSSEN, F. Environmental LawWater PollutionConflict
Development of an 'Operations' Model for	RAPHAEL, D. L.	Between Refuse Act Permit Program and Na-
Montana's Water Resources: Middle Creek Reservoir Operation,	An Empirical Mathematical Model of an Inter- connected Watershed System,	tional Environmental Policy Act, W74-08550 7-16 5G
W74-02214 7-05 4A	W74-05543 7-11 2A	
Systems Analysis Made Easy for Water	RAPOZA, D.	RASMUSSEN, G. P. Evaporation Retardation by Monomolecular
Resources Planners, W74-00167 7-01 6A	Reservoir Aeration Improves Water Quality, W74-05063 7-10 5F	Layers, W74-00373 7-01 3B
	RAPP, E.	RASMUSSEN, L. A.
RAO, H. S. Extended Period Simulation of Water Distribu- tion Networks, W74-05533 7-11 4A	A Long-Time Water-Table Study of an Irriga- tion Project in Southern Alberta, W74-11271 7-21 3F	The Production, Flow and Distribution of Melt Water in a Glacier Treated as a Porous Medi- um,
		W74-09326 7-18 2C
RAO, J. K. S. Optimal Design of Prestressed Concrete Pipes Using Linear Programming,	RAPP, G. R. Economic Development Study of the Texas Coastal Zone,	RASMUSSEN, R. A. Verification of Rainfall Estimates: An Analysis
W74-10319 7-19 8A	W74-09569 7-18 6B	of Activation Patterns of Adsid and Acousid

RASMUSSEN, R. A.

Seismic and Acoustic Intrusion Sensors	to	Gravitational Circulation in Straits	and Estua-	RAVINA, I.		
Determine Rainfall Rates, W74-10674 7-20	2B	ries, W74-00029	7-01 2L	Thermodynamics of Ion Exchange, W74-06936	7-13	2G
RASMUSSEN, W. W. Predicting Optimum Depth of Profile Modif		New Dimensions in Estuary Classific W74-04735	ation, 7-09 2L	RAVIZZA, C. Haliplidae, Dytiscidae and Gyrinid	lae of	the
tion by Deep Plowing for Improving Sal Sodic Soils, W74-09812 7-19		RAUCH, R. The Federal Water Pollution Co		Iseoprovaglio (Lombardy) Per (Coleoptera), (In Italian), W74-11178	at B 7-21	ogs 2H
RASMUSSON, M. E. Occurrence of Hexachlorophene and I tachlorophenol in Sewage and Water,		Amendments of 1972: Ambiguity as Device, W74-02784	7-06 6E	RAWAT, J. P. Paper Chromatographic and Electrographic Separation of Edta Complexo		
W74-02426 7-05	3A	RAUDKIVI, A. J. Simulation of Rainfall Sequences,		Ions, W74-07693	7-15	5A
RASP, H. The Influence of Soil Conditioners on Struc and Yields in Horticultural Substrates, (In 6		W74-13013 RAUNER, YU. L.	7-24 2B	RAWCLIFFE, E. The Agricultural Use of Blackbur		
man), W74-13022 7-24	3F	Efficiency of Functioning of Ecosystems of the European Forest- Russian),		Sludge, W74-10895	7-20	
RASPI, G. Voltammetric Behaviour of Copper(III) and	d Its	W74-09500	7-18 2I	RAWLINS, S. L. Principles of Managing High Freque	ency Irr	riga-
Analytical Applications, W74-04870 7-10	5A	RAUSCHENBERGER, J. A Novel Device for Improved Air Mixing (Ujtipusu Keszulek Folyade		tion, W74-10331	7-19	3F
RASTAS, J. Smelter Gases Yield Mercury,	400	keztetesere es Keveresere Levegove W74-11116		Salinity-Ozone Interactive Effects of Water Relations of Pinto Bean,	n Yield	and
W74-07956 7-15	5D	RAUSCHUBER, D. G.		W74-06070	7-12	3C
RATASUK, S. Water Pollution in Thailand, W74-08483 7-16	5G	The Effects of Water Resources Do on Estuarine Environments, W74-09556	7-18 2L	Salinity-Ozone Interactive Effects of Water Relations of Pinto Bean,		
RATCLIFFE, P. J.			/-16 ZL	W74-08922	7-17	5C
Observations on the Limnology and Prir Production of a Small Man-Made Lake in West African Savanna,		RAUSER, W. E. Zinc Toxicity in Hydroponic Culture W74-11045	7-21 5C	RAWLS, W. Axisymmetric Infiltrations, W74-07839	7-15	2G
W74-10810 7-20 RATH, D. L.	5C	RAUZEN, F. V. The Status of the Radioactive Was	te Disposal	RAWLS, W. J. Soil Moisture Trends on Sagebru	ush Ra	nge-
First-Look Analysis of Geologic Ground terns on ERTS-1 Imagery of Missouri, W74-01704 7-04		Problem, W74-02054	7-04 5B	lands, W74-04074	7-08	2G
RATHBUN, R. E. Field Studies of Sediment Movement U Fluorescent Tracers,		RAUZI, F. Water Harvesting Efficiencies of Surface Treatments, W74-06463	Four Soil	RAWLS, W. L. Litigation Under PL 92-500: A Statu W74-13289	s Repor	
	2 2J	RAVEH, A.		RAWSON, J.	V: -11a	
	unoff	Minimizing Nitrate Seepage from the ley into Lake Kinneret (Sea of Enhancement of Nitrate Reduction kling and Flooding,	Galilee): 1.	Groundwater Pollution in the V Toledo Bend Reservoir, Texas, W74-12641	7-23	
(Napravleniya i zadachi issledova mnogoletnikh kolebaniy rechnogo stoka), W74-08051 7-15		W74-02153 RAVERA, O.	7-05 5B	Quality of Surface Waters in the River Basin, Texas, 1966-72 Water Y W74-07670		
Variability of Annual Runoff and Precipits Values (Ob izmenchivosti godovykh vel stoka i osadkov),		Chlorophyll-A and Phaeophytin: tionships with the Concentrations and Phosphorus in the Seston of L.	of Nitrogen	Quantity and Chemical Quality of L the Upper Colorado River Basin, T 8. 1968.		
	4A	(North Italy), (In Italian), W74-04300	7-08 5C	W74-01090	7-02	2E
Water Level Fluctuations of the Caspian (K probleme urovennogo rezhima Kaspiys morya).		Radioecological Researches in Fres Terrestrial Environment, (In Italian)		Water-Quality Records for Selected in Texas, 1970-71 Water Years,		
	2H	W74-07009	7-13 5B	W74-02139	7-04	2K
RATTONETTI, A. Determination of Soluble Cadmium, I. Silver, and Indium in Rainwater and St. Water with the Use of Flameless Atomic	ream	Weight, Size, and Chemical Com Some Freshwater Zooplankters hyalina (Leydig), W74-01745		RAY, A. D. Effects of Thickness on Bacterial Fi W74-07545	ilm, 7-14	5C
sorption,	5A	RAVIKOVITCH, S.		RAY, E. L. Cellulosic Reverse Osmosis Memb		Hav-
RATTRAY, M. JR.		Mineralogical Composition of Cla Profiles of Israel: I. The Soils of t		ing High Flux and High Salt Rejection W74-08022	on, 7-15	3A
Effects of Friction and Surface Tide Ang Incidence on the Coastal Generation of Inte Tides.		ranean Zone, W74-07099	7-14 2G	RAY, S. M. Microbial Flora and Level	of V	ibrio
W74-01190 7-03	2E	Mineralogical Composition of Cla Profiles of Israel: II. The Soils of		Parahaemolyticus of Oysters (Crass ginica), Water and Sediment from	sostrea	Vir-
Estuarine Circulation Induced by Diffusion W74-01222 7-03	n, 2L	Zone, W74-07100	7-14 2G	Bay, W74-01548	7-03	5C

RAY, U. S.	Evaporation from Snowdrifts Under Oasis	REECE, A. Laboratory Investigations of Whitecaps, Spray
Studies of Solvent Extraction Behavior of	Conditions, W74-02183 7-05 2D	and Capillary Waves,
Some Divalent Metals with Liquid Ion-	W 74-02163 7-03 2D	W74-03506 7-07 2E
Exchanger, W74-09783 7-18 5A	Measuring Snowfall, A Critical Factor for	
W/4-07/03	Snow Resource Management,	REED, A.
RAYFIELD, E. W.	W74-02184 7-05 2C	Study of Water Recovery and Solid Waste
A Time Series from the Beach Environment,	Description Minimum Streemflow	Processing for Aerospace and Domestic Appli-
W74-00017 7-01 2J	Parameters Influencing Minimum Streamflow, W74-02119 7-04 2E	cations: Volume 1 - Final Report Summary, W74-01280 7-03 5D
DAVNAL LC		W 74-01280 7-03 3D
RAYNAL, J. C. Organization of Field Tests and Evaluation of	Reliability of Snowmelt Runoff Predictions	REED, C. H.
Tricone Bit Performance Using Statistical	Based on Mass Balance Procedures Versus	Equipment for Incorporating Sewage Sludge
Analysis and Sonic Logs,	Index Methods,	and Animal Manures Into the Soil,
W74-04160 7-08 8G	W74-10536 7-20 2C	W74-11840 7-22 5D
7 00 00	Snow Sampling Techniques on a Small Subal-	REED, J. E.
RAYNER, F.	pine Watershed,	Digital-Computer Programs for Analysis of
Ogallala Aquifer Water-Level Data, with In-	W74-09608 7-18 2C	Ground-Water Flow,
terpretation, 1965-1974,		W74-09115 7-17 2F
W74-10685 7-20 4B	RECHNITZ, G. A.	
RAYNES, J. J.	Ion-Electrode Based Automatic Glucose Analy-	REED, J. R. JR.
Herbivorous Fish for Aquatic Plant Control,	sis System, W74-01513 7-03 5A	Mussels and Indicators of Biological Recovery
W74-07470 7-14 4A	W14-01313 1-03 3A	Zone, W74-06158 7-12 50
7-14 44	Ion Selective Sensors,	W /4-00136 7-12 30
RAYYAN, F.	W74-01506 7-03 5A	Some Ecological Considerations in Locating a
Hypolimnion Aeration with Commercial Ox-	BUCK B O	Nuclear-Powered Electrical Generating Facility
ygen - Vol. I - Dynamics of Bubble Plume,	RECK, R. O.	on the North Anna River, Virginia,
W74-06525 7-13 5D	Energy Conservation Strategies, W74-00152 7-01 6B	W74-05212 7-10 50
Hundingian Assetian with Commercial Or	W/4-00132 /-01 6B	REED, L.
Hypolimnion Aeration with Commercial Ox-	REDDELL, D. L.	Utilization of ERTS-1 Data to Monitor and
ygen - Vol. II - Bubble Plume Gas Transfer, W74-06526 7-13 5D	Ammonia Volatilization and Nitrogen Transfor-	Classify Eutrophication of Inland Lakes,
W 74-00320 7-13 3D	mations in High pH Soils Used for Beef	W74-06698 7-13 5A
RAZUMOV, E. P.	Manure Disposal,	
Significance of Docks in Dissemination of	W74-10143 7-19 5B	REED, P. C.
Diphyllobothriasis near Rivers and Large	Crop Yields from Land Receiving Large	Data from Controlled Drilling Program in Le
Transport Water Bodies (According to Data	Manure Applications,	and Ogle Counties, Illinois,
from the Volga Piers and the Volgograd Reser-	W74-00425 7-01 3C	W74-12317 7-23 41
voir), (In Russian),	117-00-25	Water Availability in Mobile County, Alabama
W74-00991 7-02 5C	REDDI, B. R.	W74-03811 7-08 41
READ, D. J.	Studies on the Currents in the Littoral Zone of	
Physiology of Drought Resistance in the	the Waltair Beach,	REED, R. R.
Soybean Plant (Glycine max): I. The Relation-	W74-00519 7-01 2J	Liner Inserting Machine for Pipelines,
ship Between Drought Resistance and Growth,	REDDY, B. S.	W74-09722 7-18 86
W74-03475 7-07 3F	Coastal Circulation Near Kakinada Bay During	REED, S. C. AND
	Monsoon Period,	A Sewage-Treatment Concept for Permafros
READ, L. A. A.	W74-04941 7-10 2L	Areas,
Temperature Selection by Juvenile and Adult	BERRY C V C	W74-04419 7-09 51
Yellow Perch (Perca Flavescens) Acclimated to	REDDY, C. V. G.	REEDER, H. A.
24 C,	Copper Content in the Inshore and Estuarine	Statistical Analysis of Hydrograph Charac
W74-01353 7-03 5A	Waters Along the Central West Coast of India, W74-11358 7-21 5B	teristics for Small Urban Watersheds,
READMAN, P. W.	W/4-11336 /-21 3B	W74-04459 7-09 2/
Characterisation and Magnetic Properties of	REDDY, M. R.	
Natural Ferric Gel,	Fixation of Zinc by Clay Minerals,	REEDY, D. R.
W74-05992 7-12 2K	W74-07629 7-15 2G	Corrosive Effects of Southern California Pota
	REDFIELD, A. C.	ble Waters,
REBER, M. J.	Ontogeny of a Salt Marsh Estuary,	W74-07866 7-15 86
Ecological Aspects of Aquatic Biology Through	W74-03621 7-07 2L	REESE, C. D.
Time-Lapse Photography,		The movement and Impact of Pesticides Use
W74-12345 7-23 5C	REDLICH, N.	for Vector Control on the Aquatic Environmen
REBHUN, M.	Enforcing Environmental Law in the City,	in the Northeastern United States,
Physico-Chemical Treatment of Strong Mu-	W74-12471 7-23 6E	W74-02948 7-06 5
nicipal Wastewater,	REDMORE, D.	REESE, D. L.
W74-10473 7-20 5D	Water Clarification Process Using Silicon-Con-	Alternative Methods of Estimating Snow Water
BERTHRUB B 4	taining Aminomethyl Phosphonates,	Parameters,
REBINDER, P. A.	W74-05890 7-11 5D	W74-00377 7-01 2
Purification of Sulfite Mill Effluents from		
Lignosulfonates (Ochistka promstokov sulfit-	REDPATH, B. B.	REESE, W.
no-tsellyuloznogo proizvodstva ot	Demolition of Ft. Meade Dam, Sturgis, South	Experiments Supporting a Program of Warr
lignosul'fonatov), W74-08412 7-16 5D	Dakota, June 1972,	Fog Dispersal by Electrical Charge Injection,
7-10 3D	W74-00322 7-01 8H	W74-13216 7-24 3
RECHARD, P. A.	REEBURGH, W. S.	REEVE, D. W.
Ablation Characteristics of an Alpine Snow	Processes Affecting Gas Distributions in	The Effluent-Free Bleached Kraft Pulp Mil
Field in Summer,	Estuarine Sediments,	Part IV. The Salt Recovery Process,
W74-02653 7-06 2C	W74-07242 7-14 2L	W74-07379 7-14 5

REEVE, D. W.

Effluent-Free Bleached Kraft Present State of Development, W74-05275	Pulp Mill:	REHM, G. W. Response of Subirrigated H. Application of Nitrogen, Ph		Recycling on the Land: Water Pollution Control, W74-03387	An Alternative for
	7-10 32	fur,		Water Pollution Control H	
REEVE, M. J. The Effect of Density on Water Re	etention Pro-	W74-08802	7-17 3F	Guide to the Federal Wat	er Pollution Control
perties of Field Soils, W74-00358	7-01 2G	REHWOLDT, R. The Acute Toxicity of Some	e Heavy Metal Ions	Act Amendments of 1972 W74-03388	Volume II, 7-07 5G
REEVES, A. L.		toward Benthic Organisms, W74-06035	7-12 5C	REID, B. H.	
Trace Metals in Asbestos Carcinog				Alaska Village Demonstra	
W74-12488	7-23 5A	Toxicity Study of Two (Toward Hudson River Fish)		Generation of Integrated Communities,	Utilities for Remote
REEVES, C. A. Unsupervised Classification and	Areal Mea-	W74-11344	7-21 5C	W74-10186	7-19 5D
surement of Land and Water Coas		REICH, B. M.		Chlorine Disinfection of W	
on the Texas Coast, W74-06706	7-13 2L	Design Criteria and Researc W74-09400	h Needs, 7-18 4A	W74-10182	7-19 5D
REEVES, C. C. JR.				REID, C. P. P. The Growth of Selected M	formation Properties
Dynamics of Playa Lakes in the	Texas High	Effect of Agnes Floods of Pennsylvania,	n Annual Series in	Response to Induced Wate	
Plains, W74-02598	7-05 7B	W74-07455	7-14 2E	W74-12789	7-24 5B
		Unit Hydrographs for Catch		REID, G. H.	
Dynamics of Playa Lakes in the Plains,	Texas High	Sizes and Dissimilar Region W74-11466	s, 7-22 2A	A Modified Filtration Met of Wastewater Suspended	
W74-11774	7-22 7B		7-22 ZA	W74-01318	7-03 5A
REEVES, J. M.		REICHARDT, W. The Mettma: A Mounts	ain Stream as a	REID, G. W.	
Detection of Salts of 2,4-D In Action by Laster Raman Spectroscop		Brewery's Draining Ditch:	Microbiological In-	Brine Disposal Treatment	
W74-00297	7-01 5A	vestigations Along the Gra (In German),	adient of Pollution,	the Oil Production Industry W74-12211	7-23 5D
REEVES, M.		W74-00498	7-01 5B	A Methodology for As	sessment of Water
A Multisource Atmospheric Tran for Deposition of Trace Contamina		A Preliminary Note on the		Resources Development	: A Competitive
W74-11651	7-22 5B	position of Pectin by Aquati W74-06092	ic Bacteria, 7-12 5B	Evaluation Model for Development Planning,	Water Resources
REEVES, R. D.		REICHENBAUGH, R. C.	, 12 52	W74-00559	7-02 6B
Groundwater Resources of Val Vertexas,	erde County,	Basic Water-Quality Data f	for Pollution Abate-	REID, GEORGE W.	
W74-02620	7-05 2F	ment Plan, Tampa Bay Area W74-02629	a, Florida, 7-05 5B	Demonstration of a Full ment System for a Canner	
REEVES, R. F.			7.03 32	W74-11925	7-22 5D
Process for Treating Wastes Con- mates and /or Complex Iron Cyani		REICHERT, L. User Attitudes Toward	Water Quality and	REID, I. A.	
W74-13333	7-24 5D	Price, Las Vegas Valley Nevada,	and Reno-Sparks,	Simple Method of Mea Amount of Water Produce	
REGER, S. J.		W74-03331	7-07 5G	ing of Ice on a Glacier, W74-09343	7-18 2C
Benthic Macroinvertebrate Divers Differentially Perturbed Michigan		REICHERT, P. A.			7-10 20
W74-03905	7-08 5C	Promoting Environmental Urban Planning and Control		REID, J. The Effect of Pulp and Pa	per Mill Effluents on
REGIER, C.		W74-01470	7-03 5D	Taste and Odour of the	Receiving Water and
Optimum Forage Production and t Alternatives Associated with Gran		Promoting Environmental	Quality Through	the Fish Therein, W74-03085	7-06 5B
Wheat, Texas High Plains,	-	Urban Planning and Control W74-08828	ls, 7-17 5G	REID, J. L.	
W74-04086	7-08 3F		7-17 30	Near-Shore Circulation in	the California Cur-
REGIER, L. W. Inability to Detect Spores of Closs	tridium Rotu-	REICHLE, D. E. Environmental Monitoring	of Toxic Materials	rent, W74-03624	7-07 2L
linum in Fish Protein Concentrates	(FPC),	in Ecosystems,		REID, K.	
W74-06058	7-12 5A	W74-12907	7-24 5B	The Effect of Pulp and Pa	
REGINATO, R. J. Gamma Radiation Measurements	of Bulk Den	REICHMAN, G. A. Deep Plowing and Chemic	cal Amendment Ef-	Taste and Odour of the ! the Fish Therein,	Receiving Water and
sity Changes in a Soil Pedon Foll		fect on a Sodic Claypan Soi	il,	W74-03085	7-06 5B
tion, W74-06715	7-13 2G	W74-06598	7-13 3F	REID, L. C.	
		Ionic Balance for Barley		Ozone Treats Arctic Wate W74-10556	rs, 7-20 5F
Reducing Seepage from Stock Ta compacted, Sodium-Treated Soils,		Fertility, Water, and Soil Te W74-08810	7-17 3F		7-20 3F
W74-01718	7-04 4A	Recovery, Residual Effe	cts, and Fate of	REID, R. A. Acidification and Bubbling	g as an Alternative to
REH, C. W.		Nitrogen Fertilizer Sources		Filtration in Determin	ning Phytoplankton
Hydraulics of Water Distribution S W74-05007	7-10 5F	gion, W74-08086	7-15 5B	Production by the 14C Me W74-01749	7-04 5A
REHDER, J. B.		REID, B.		REID, V. M.	
Geographic Applications of ER7	rs-1 Data to	Land Treatment and Env	ironmental Alterna-	Anaerobic Biological Stal	bilization of Sanitary
Landscape Change, W74-06628	7-13 4A	tives, W74-11845	7-22 5D	Landfill Leachate, W74-08448	7-16 5D

7-16 5D

7-13 4A

REINER, N. L.

REIFF, I.

RENAUD-MORNANT, J.

University Research and Practice: An Institu- tional Confrontation,	Filtration System for Liquids, W74-03662 7-07 5F	Resistance and Respiratory Physiology of In- tertidal Meiofauna to Oxygen-Deficiency,
W74-09421 7-18 6E	REINERT, B. D.	W74-11309 7-21 5C
REIGER, G.	Disposal of Aircraft Washrack Waste Water,	RENDON-HERRERO, O.
The River of Grass is Drying Up,	W74-09376 7-18 5D	Estimation of Washload Produced on Certain
W74-03718 7-07 6G	REINERT, R. L. Near-Surface Oceanic Diffusion from a Con-	Small Watersheds, W74-09618 7-18 2J
REIKENIS, R.	tinuous Point Source,	
Regional Landfill and Construction Material	W74-04937 7-10 2L	RENGER, E. H.
Needs in Terms of Dredged Material Charac-	W/4-0493/ /-10 2L	A Study of Plankton Dynamics and Nutrient
teristics and Availability: Volume 1: Main Text;	REINHEIMER, C. J.	Cycling in the Central Gyre of the North
Volume II: Appendixes,	Aerial Detection of Spill Sources,	Pacific Ocean,
W74-10624 7-20 5G	W74-04196 7-08 5A	W74-03561 7-07 5B
		DENGER M
REIKH, E. M.	REINIG, L. P.	RENGER, M. Calculation of Capillary Rise from Ground-
Results of Acclimatization of Corophium	Another Rio Grande for New Mexico,	
sowinskyi (Mart.) in the Veselovsk Reservoir,	W74-02461 7-05 3A	water Table into the Root Zone Under Steady- State Conditions, (In German),
(In Russian),	REINSFELDER, R. E.	W74-08139 7-15 2G
W74-04099 7-08 2H	Anion Selectivity Studies on Liquid Membrane	17-15 20
REIM, R. E.	Electrodes,	Soil-Suction Measurements for Evaluation of
Application of a New Method for Phosphate	W74-00650 7-02 5A	Vertical Water Flow at Greater Depths with a
Concentration Measurements in Natural and	DEIGGWAAN AS AS	Pressure Transducer Tensiometer,
Waste Waters,	REISCHMAN, M. M.	W74-11274 7-21 2G
W74-03900 7-08 5A	Feasibility Study of Hydrocyclone Systems for Dredge Operations,	
	W74-09202 7-17 5D	RENMAN, R. E.
REIMANN, E. M.	W 74-09202	Study of Water Recovery and Solid Waste
Antagonistic Effect of Arginine on Zinc	REISENAUER, A. E.	Processing for Aerospace and Domestic Appli-
Metabolism in Chicks,	Calculation of Soil Hydraulic Conductivity	cations: Volume 1 - Final Report Summary,
W74-07955 7-15 5C	from Soil-Water Retention Relationships,	W74-01280 7-03 5D
BEIMERC B P	W74-09599 7-18 2G	RENNER, D. M.
REIMERS, P. E. The Length of Residence of Juvenile Fall Chin-	REISH, D. J.	Drainage System Design and Analysis by Com-
ook Salmon in Sixes River, Oregon,	The Sublethal Effects of Environmental Varia-	puter,
W74-11788 7-22 8I	bles on Polychaetous Annelids,	W74-13021 7-24 4A
W/4-11/66 /-22 61	W74-11292 7-21 5C	
Social Interaction Between Juvenile Coho (On-		RENSHAW, B. B.
corhynchus kisutch) and Fall Chinook Salmon	REITEMEIER, R. F.	Can Screened White Water be Recycled to
(O. tshawytscha) in Sixes River, Oregon,	Thermal DischargesProblems and Opportuni-	Shower Felts,
W74-07040 7-13 2I	ties, W74-09888 7-19 5D	W74-06384 7-12 5D
DEIMPRO D C	W /4-09000 7-19 3D	RENSHAW, G. D.
REIMERS, R. S. Development of Predictions of Future Pollution	REITER, B.	The Determination of Barium by Flameless
Problems,	Growth of Streptococcus cremoris and	Atomic Absorption Spectrophotometry Using a
W74-08946 7-17 5B	Streptococcus lactis in a Chemostat. Produc-	Modified Graphite Tube Atomizer,
7-17 35	tion of Cells and Survival of Bacteria during	W74-05444 7-11 5A
REIMNITZ, E.	Frozen Storage, W74-06762 7-13 5C	
Effects of the Alaska Earthquake and Tsunami	W74-06762 7-13 5C	RENZONI, A.
on Recent Deltaic Sediments,	REITZ, J.	Mercury Concentration in the Water, Sedi-
W74-00524 7-01 2J	Analogue and Hybrid Methods for the Analysis	ments and Fauna of an Area of the Tyrrhenian
Now Torista into the Influence of Inc. on the	and Planning of Water Distribution Networks,	Coast, W74-12509 7-23 5B
New Insights into the Influence of Ice on the Coastal Marine Environment of the Beaufort	W74-12145 7-23 4A	W 74-12303
Sea, Alaska,	REMSON, I.	REPLOH, H.
W74-06669 7-13 2C	Ground-Water Hydraulics in Aquifer Manage-	Pollution Control and Erection of Sewage
	ment,	Plants: Technical Feasibilities, Future De-
Strudel Scour: A Unique Arctic Marine	W74-03913 7-08 4B	mands, (In German),
Geologic Phenomenon,	A Numerical Model Based on Coupled One-	W74-08138 7-15 5G
W74-10374 7-20 2J	Dimensional Richards and Boussinesq Equa-	RERBERG, M. S.
Studies of the Inner Shelf and Coastal Sedi-	tions,	Microflora of Nutrient Solution in Soilless
mentation Environment of the Beaufort Sea	W74-07515 7-14 2F	Growing of Vegetable Crops, (In Russian),
from ERTS-1,		W74-04235 7-08 3F
W74-11728 7-22 2L	Optimal Pumping for Aquifer Dewatering,	
	W74-09620 7-18 4B	RESCH, F. J.
REIMOLD, R. J.	Optimal Pumping for Aquifer Dewatering,	Bubbly Two-Phase Flow in Hydraulic Jump,
Effects of Toxaphene Contamination on	W74-10325 7-19 4B	W74-05831 7-11 8B
Estuarine Ecology, W74-12592 7-23 5C	DEMY ANNIKOVA T N	RESETKINA, N. M.
1-23 3C	REMY ANNIKOVA, T. N. Natural Nidi of Cutaneous Leishmaniasis in the	Comparison of the Efficiencies of Vertical and
Existing Aerial Photographic Resources of	Zone of the Kara Kum Canal (4th Stage) and	Horizontal Drainage (Sravnitel'naya effektiv-
Coastal Georgia and a Brief Listing of In-	Their Epidemic Significance, (In Russian),	nost' vertikal'nogo i gorizontalnogo drenazha),
terpretative Aids,	W74-08696 7-16 5B	W74-10939 7-21 3F
W74-05042 7-10 2J		BECIO D T
Manitarina Tananhana Cantamiration in	REMY, M. H.	RESIO, D. T. An Integrated Model of Storm-Generated
Monitoring Toxaphene Contamination in a Georgia Estuary,	Environmental Quality: As an Objective of Ground Water Management,	Waves,
W74-11443 7-21 5B	W74-06956 7-13 5B	W74-10653 7-20 2E
7-21 70		, 20 20

RESNICK, S. D.

RESNICK, S. D.	REYNOLDS, C. S.	REYNOLDS, W. N.
Effect of Urbanization on Runoff from Small	Growth and Buoyancy of Microcystis aeru-	Furrow Irrigation Criteria for Hawaiian Sugar-
Watersheds, W74-09245 7-17 4C	ginosa Kutz. Emend. Elenkin in a Shallow Eutrophic Lake,	cane, W74-08932 7-17 3F
	W74-01518 7-03 5C	7-17 31
Modeling of Hydrologic Processes and Water		REYNOLDS, W. R.
Salvage Procedures in Semiarid Regions,	REYNOLDS, D. W.	Occurrence and Distribution of Clay Minerals
W74-08702 7-17 5D	Method and Apparatus for Collecting a Float-	and Trace Metals in the Bottom Sediment of
RESPESS, R. O.	ing Liquid,	Biloxi Bay, Mississippi,
Seasonal Variations in Selected Physicochemi-	W74-07215 7-14 5G	W74-12860 7-24 2L
cal Conditions of a Small Lake in Brazos Coun-	REYNOLDS, G.	REYSSAC, J.
ty, Texas,	A Time Series from the Beach Environment,	Phytoplankton Collected by the 'Ombango' Off
W74-00074 7-01 2H	W74-00017 7-01 2J	Angola (10-27 November 1965), (In French),
RETTMAN, P. L.	DEVIATE H D	W74-12170 7-23 2I
Regional Specific Yield of the Edwards and As-	REYNOLDS, H. D.	REZNIKOVSKIY, A. SH.
sociated Limestones in the San Antonio, Texas	An Information System for the Management of Lake Ontario.	Economic Aspects of the Systems Approach to
Area,	W74-09752 7-18 2H	Water Management,
W74-00542 7-01 2F		W74-13017 7-24 6A
REUTER, I. J.	REYNOLDS, H. G.	
Sludge Dewatering with the Aid of Continu-	Reproductive Variations in the Round-Tailed	RHEE, G-Y.
ously Operating Press-Type Filters	Ground Squirrel as Related to Winter Rainfall,	A Continuous Culture Study of Phosphate Up-
(Schlammentwasserung Mit Kontinuerlichen	W74-01895 7-04 2I	take, Growth Rate and Polyphosphate in
Pressfiltern),	Santa Rita Experimental Range: Your Facility	Scenedesmus Sp.,
W74-13330 7-24 5D	for Research on Semidesert Ecosystems,	W74-07549 7-14 5C
REUTER, J. H.	W74-05227 7-10 3F	RHEINHEIMER, G.
Organic and Inorganic Geochemistry of Some		Investigations on the Influence of Tides on
Coastal Plain Rivers of the Southeastern	REYNOLDS, J.	Salinity, Content of Suspended Matter, Sedi-
United States,	Community Adoption of Water Reuse Systems	mentation and Bacteria Counts in the Elbe
W74-05503 7-11 5B	in the United States, W74-10081 7-19 5D	Estuary, (Untersuchungen Uber Die Einwir-
REUTER, W.	W/4-10081 /-19 3D	kung Der Tide Auf Salzgehalt, Schwebstoff-
Determination of Cyanide in its Platinum and	REYNOLDS, J. A.	gehalt, Sedimentation Und Bakteriengehalt in
Palladium Complexes,	Pump Installation and Maintenance,	Der unterelbe),
W74-05449 7-11 5A	W74-07873 7-15 8C	W74-01175 7-03 2L
		Investigations on the Occurrence of Phenol-
REUVERS, M. L.	REYNOLDS, J. E.	Decomposing Microorganisms in Waters and
Effect of TFM and Bayer 73 on In Vivo Ox- ygen Consumption of the Aquatic Midge	Water Allocation Models Based on an Analysis for the Kissimmee River Basin.	Sediments. (in German),
Chironomus Tentans,	W74-05402 7-11 6B	W74-08115 7-15 5C
W74-13094 7-24 5C	W/4-03402	RHINDRESS, R. C.
	REYNOLDS, J. H.	Spray IrrigationThe Regulartory Agency
REVEAL, J. L.	Temperature-Toxicity Model for Oil Refinery	View,
Vascular Plants of the Chesapeake Bay,	Waste,	W74-12900 7-24 5D
W74-00903 7-02 2L	W74-13264 7-24 5B	7-24 30
REVERA, O. Z.	REYNOLDS, L. M.	RHINEHAMMER, T. B.
Conservation of Water Resources and Their	Polychlorinated Terphenyls in Paperboard	Tritium Control Technology,
Rational Use in the National Economy	Samples,	W74-11673 7-22 5D
(Okhrana vodnykh resursov i ikh ratsional'noye	W74-02392 7-05 5A	RHO, J.
ispol'zovaniye v narodnom khozyaystve),		Significance of Cellulose Production by Plank-
W74-02749 7-06 5D	REYNOLDS, R. C.	tonic Algae in Lacustrine Environments,
REVINSKAYA, L. S.	Major Element Geochemistry of Lake Powell, W74-05923 7-11 2H	W74-01927 7-04 5C
Effect of Humidity and Temperature on	W /4-03923 /-11 2H	
Microbial Activity in Moor Peat Soils, (In Rus-	REYNOLDS, S. E.	RHOADES, J. D.
sian),	State Water Plan,	Salts in Irrigation Drainage Waters: I. Effects
W74-08089 7-15 2G	W74-02457 7-05 6B	of Irrigation Water Composition, Leaching
REX, R. W.	BEVNOI DE E C	Fraction, and Time Year on the Salt Composi- tions of Irrigation Drainage Waters,
Eolian Origin of Mica in Hawaiian Soils,	REYNOLDS, S. G. A Note on the Relationship Between Size of	W74-00609 7-02 4C
W74-05136 7-10 2G	Area and Soil Moisture Variability,	7-02 40
REY, G.	W74-11473 7-22 2G	RHOADS, W. A.
The EPA Research and Development Program		Persistence of Radionuclides in Soil, Plants,
for Environmental Controls in the Power In-	REYNOLDS, S. T.	and Small Mammals in Areas Contaminated
dustry,	Die-Back in the Mixed Hardwood Forests of	with Radioactive Fallout,
W74-10781 7-20 5G	Eastern Victoria: A Preliminary Report,	W74-05194 7-10 5B
DEVES S C	W74-01251 7-03 4A	RHODEHAMEL, E. C.

Significance of Cellulose Production by Plank-

tonic Algae in Lacustrine Environments, W74-01927 7-04 5C

Benthic Oxygen Demands of Houston Ship

REYNOLDS, T. D.

W74-06073

Channel Sediments,

Geology and Water Resources of the Wharton

Tract and the Mullica River Basin in Southern

Summary Evaluation of Candidate Fluid-Bed

Solidification Processes for Use in the NWCF,

7-15 4B

New Jersey, W74-07668

RHODES, D. W.

W74-09829

7-12 5C

Field,

Law,

W74-09037 REYNAUD, L.

W74-01377

REYES, S. C.
Production of Fresh Water from the En. REYNOLDS, T.

7-03 2C

dogenous Steam of Cerro Prieto Geothermal

Flow of a Valley Glacier with a Solid Friction

RHODES, E. G. Pleistocene-Holocene Sediments Interpreted by	Theory and Application of Continuous Moni- toring for Chemical Research in Natural Water	RICHARDSON, D. P. The Kinematics of Water Particle of Breaking
Seismic Refraction and Wash-Bore Sampling, Plum IslandoCastle Neck, Mass.,	Systems, W74-07985 7-15 5A	Waves Within the Surf Zone, W74-10409 7-20 2E
W74-07875 7-15 2L	RICE, L.	The Kinematics of Water Particle Velocities of
RHODES, H. M.	Evaluation and Implementation of Urban	Breaking Waves Within the Surf Zone,
Oil/Water Separation Acceleration Media,	Drainage and Flood Control Projects,	W74-06314 7-12 2J
W74-12437 7-23 5G	W74-09802 7-19 6B	RICHARDSON, E. V.
Oil/Water Separation Acceleration Media,	RICE, R. C.	Diffusion and Dispersion in Open Channel
W74-13243 7-24 5G	High-Rate Land Treatment I: Infiltration and	Flow,
	Hydraulic Aspects of the Flushing Meadows	W74-05833 7-11 5B
RHODES, K. A.	Project, W74-12004 7-23 5D	RICHARDSON, H. C.
Thermodynamics of Acid-Base Equilibria. II. Ionization of m- and p-Hydrox-		Pulsed D.C. Motor Speed Control for Portable
ybenzotrifluoride and the Concept of Fluorine	Renovating Sewage Effluent by Ground Water	Instrumentation,
Double Bond-No Bond Resonance,	Recharge, W74-03520 7-07 5D	W74-04895 7-10 7B
W74-01226 7-03 2K		RICHARDSON, J. L.
RHODES, R. G.	Soil Clogging During Infiltration of Secondary	Design Integrity and Performance Charac-
The Biology of Brown Algae on the Atlantic	Effluent, W74-09467 7-18 5D	teristics of Helical Tubular Module Elements in Reverse Osmosis Plants,
Coast of Virginia. II. Petalonia Fascia and		W74-00319 7-01 3A
Scytosiphon Lomentaria, W74-03309 7-07 5A	RICE, R. L.	
W74-03309 7-07 5A	Waste Treatment: Upgrading Metal-Finishing Facilities to Reduce Pollution,	RICHARDSON, N.
RHUE, R. D.	W74-03499 7-07 5D	Treatment of Water or Aqueous Systems, W74-13256 7-24 5D
Leaching Losses of Sulfur During Winter		W 74-13230 7-24 3D
Months When Applied as Gypsum, Elemental S or Prilled S,	RICE, S. D. Effect of Oil on Marine Ecosystems: A Review	RICHARDSON, R. L.
W74-07449 7-14 5B	For Administrators and Policy Makers,	DDT, DDE, and PCBs In the Tissues of Reef
	W74-11348 7-21 5G	Dwelling Groupers (Serranidae) In the Gulf of Mexico and the Grand Bahamas,
RHYNE, C. F.	DIOT TO	W74-11347 7-21 5B
Field and Experimental Studies on the Syste- matics and Ecology of Ulva curvata and Ulva	RICE, T. R. Clouds in the Crystal Ball.	
rotundata,	W74-13277 7-24 6D	RICHENS, V. B. An Improved Snow Study Kit,
W74-07473 7-14 5C		W74-12967 7-24 7B
BICCL C	RICH, E. I. Relation of ERTS-1 Detected Geologic Stuc-	
RICCI, G. Observations of the Organic Components of	ture to Known Economic Ore Deposits,	RICHESON, D. T.
Thermal Muds: III. The Lipid Fractions of the	W74-01707 7-04 7C	Conversion System for Providing Useful Ener- gy from Water Surface Motion,
Lacco Ameno (Ischia) Peloids, (In Italian),	RICH, T. R.	W74-03669 7-07 8C
W74-12739 7-23 2J	Evaluation of Asymmetric Hollow Fibers for	BICHEV P B
RICCIARDELLA, K. A.	Desalination by Reverse Osmosis,	RICHEY, E. P. State of the Art of Floating Breakwaters,
Carbonate Bonding of Taconite Tailings,	W74-00160 7-01 3A	W74-07498 7-14 8A
W74-07959 7-15 5G	RICHARDS, B. G.	BIGHNOVE W
RICE, A. H.	The Significance of Moisture Flow and	RICHMOND, H. Coastal Zone Legislation,
High-Rate Filtration,	Equilibria in Unsaturated Soils in Relation to	W74-12764 7-24 6E
W74-10015 7-19 5D	the Design of Engineering Structures Built on Shallow Foundations in Australia,	
RICE, C. E.	W74-07899 7-15 8D	RICHSHOFFER, N. Effects on Hepatocytes in Cell Cultures at
Effect of Roughness Elements on Hydraulic	RICHARDS, F. A.	Various Combinations of Heavy Metals Present
Resistance for Overland Flow,	Processes contributing to the Nutrient Distribu-	in Titanium Waste Waters, (Action Sur Des
W74-06594 7-13 8B	tions off the Columbia River and Strait of Juan	Hepatocytes en Culture Histiotypique, de
Hydraulics of Main Channel-Floodplain Flows,	de Fuca,	Divers Composes Metalliques Presents Dans Les Eaux Residuaires de l'Industries du
W74-11462 7-22 8B	W74-03101 7-06 5B	Les Eaux Residuaires de l'Industries du Titane),
	RICHARDS, R. C.	W74-11296 7-21 5C
Low Energy Mechanical Methods of Reservoir Destratification,	Limnological Studies and Remote Sensing of	DICUTED D M
W74-11572 7-22 4A	the Upper Truckee River Sediment Plume in Lake Tahoe, California-Nevada,	RICHTER, D. M. Beach Profiles of a Georgia Barrier Island,
	W74-08302 7-16 2J	W74-04736 7-09 2J
RICE, C. P.		Provent C .
Metabolism of Selected Pesticides by Marine Microorganisms,	RICHARDS, S. J.	RICHTER, G. A. Conditioning and Disposal of Solids From
W74-06066 7-12 5C	Tensiometer Use in Shallow Ground-Water Studies,	Potato Wastewater Treatment,
	W74-06343 7-12 4B	W74-06486 7-12 5D
Persistence of Endothall in Aquatic Environ- ment as Determined by Gas-Liquid Chromatog-	DICHADDSON A I	RICHTER, J.
raphy,	RICHARDSON, A. J. Reflectance Discrimination of Cotton and Corn	Soil-Water-Potentials Depending on Tempera-
W74-02381 7-05 5B	at Four Growth Stages,	ture, (In German),
DICE C K	W74-08269 7-16 3F	W74-05372 7-10 2G
RICE, G. K. A Compartmented Aquatic Model of the Rela-	RICHARDSON, C. W.	RICHTER, J. D.
tionship Between Carbonate and Nitrate in a	Changes in Water Yield of Small Watersheds	Waste Neutralization Control - Digital Simula-
Great Plains Reservoir,	by Agricultural Practices,	tion Spots Nonlinearities,
W74-12659 7-23 5C	W74-06597 7-13 2E	W74-10454 7-20 5D

RICK, W. B.

RICK, W. B.	RIELEY, J. O.	RILEY, E. L.
Planning and Developing Waterfront Property, W74-07072 7-14 6B	Productivity and Nutrient Turnover in Mire Ecosystems: I. Comparison of Two Methods of	Air Quality Indices from ERTS-1 MSS Infor- mation, PR 568,
RICKARD, W. H.	Estimating the Biomass and Nutrient Content of Cladium Mariscus (L.) Pohl.	W74-06696 7-13 5A
Terrestrial Ecology,	W74-13037 7-24 2I	RILEY, J. P.
W74-09239 7-17 5C		Computer Simulation of the Hydrologic and
Vascular Plants of Waste Storage Sites in the	RIEM VIS, F.	Salinity Flow Systems Within the Bear River
200 Areas of the Hanford Reservation,	Aspects of Agricultural Use of Potato Starch	Basin, W74-04860 7-10 5B
W74-08967 7-17 2I	Wastewater, W74-11356 7-21 3F	W 74-04000 7-10 3B
RICKERT, K. G.	W 74-11330 7-21 31	Modeling the Total Hydrologic-Sociologic Flow
Establishment of Green Panic as Influenced by	RIEMANN, F.	System of Urban Areas,
Type, Amount and Placement of Vegetative	Kinonchulus Sattleri N.G.N.Sp. (Enoplida,	W74-10351 7-20 4C
Mulch,	Tripyloidea), An Aberrant Freeliving Ne-	Research Implementation, A Coordinated Ap-
W74-12700 7-23 3F	matode from the Lower Amazonas, W74-00974 7-02 21	proach,
RICKEY, W. P. AND	17-00774	W74-00191 7-01 10A
Permafrost Protection for Pipelines,	RIEMANN, U.	DUEV D C
W74-04415 7-09 2C	Aerobic Treatment of Swine Waste by Aerator-	RILEY, R. G. Trail-Marking and Alarm Pheromones of Some
DICKLIC I	Agitators ('Fuchs'), W74-09705 7-18 5D	Ants of the Genus Atta,
RICKLIS, J. Development of a Batchwise In-Situ Regenera-	W 14-09/03 7-18 3D	W74-11802 7-22 5A
tion Type Separator To Remove Oil from Oil-	RIESSNER, O.	
Water Suspensions,	Manufacture of Capacitor Paper - Some	RILEY, R. L.
W74-10441 7-20 5D	Problems with Fresh Water Preparation,	Research and Development of Composite
An Experimental Study of a Wastewater Treat-	(Erzeugung von Kondensatorpapier einige	Membrane Technology, W74-11825 7-22 3A
ment System Suitable for Shipboard Use,	Probleme bei der Frischwasserherstellung), W74-02247 7-05 5D	W/4-11025
W74-09373 7-18 5D	W74-02247 7-05 5D	RILEY, W. B.
	RIFFENBURGH, R. H.	Special Report: Semiconductor Memories are
RICKSON, R. E.	California Undersea Aqueduct Reconnais-	Taking Over Data-Storage Applications,
Social and Economic Factors in the Adoption by Industry of Water Pollution Control Mea-	sance: The Oceanography (CUARO),	W74-07553 7-14 7B
sures in Minnesota.	W74-05040 7-10 6B	RIMER, A. E.
W74-07834 7-15 5G	RIFMAN, S. S.	Prototype Study of Microstraining at a Paper
	Digital Rectification of ERTS Multispectral	Mill Complex,
RIDDLE, D. C.	Imagery,	W74-11104 7-21 5D
Determination of Lead Using Charged Particle Activation Analysis,	W74-06650 7-13 7C	RIMIDIS, A. P.
W74-11349 7-21 5A		Study of Mesh Fish Barriers in the Polder
	RIGBY, D.	Systems of the Nemunas River Delta, (In Rus-
RIDGWAY, K.	Effect of Smoke-Processing on Muddy Odor and Taste in Rainbow Trout (Salmo Gairdneri),	sian),
Whistling Sand Beaches in the British Isles, W74-00104 7-01 2J	W74-01892 7-04 2I	W74-08125 7-15 8I
W74-00104 7-01 2J		DINDY W A
RIDKER, R. G.	RIGGLEMAN, B. M.	RINDT, B. A. Study of Water Quality Prediction Models for
Population Growth, Resource Availability and	Filament Wound Reverse Osmosis Tubes, W74-10490 7-20 8C	Use in Alabama,
Environmental Quality, W74-05614 7-11 6B	W74-10490 7-20 8C	W74-10237 7-19 5B
W74-05614 7-11 6B	RIGGS, M. S.	
RIEDEL, P. H.	High-Rate Land Treatment II: Water Quality	RINEHART, J. S.
A New Oscillating Water Tunnel,	and Economic Aspects of the Flushing	Effect of Earth Strain on Geyser Activity,
W74-02160 7-05 2J	Meadows Project,	W74-09011 7-17 2F
A Shear Plate for Use in Oscillatory Flow,	W74-12005 7-23 5D	RINGE, R. R.
W74-02161 7-05 2E	RIGGS, S. R.	Pollution Effects on Adult Steelhead Migration
DIEDWICED A B	Recent Estuarine Sediment History of the	in the Snake River,
RIEDINGER, A. B. Development of Large Spiral Membrane	Roanoke Island Area, North Carolina,	W74-08833 7-17 5C
Reverse Osmosis Elements for Low-Cost	W74-07245 7-14 2L	RINGEN, B. H.
Water Purification and Reclamation,	RIGOLI, A.	Records of Ground-Water Levels in Wyoming,
W74-08338 7-16 3A	Observations of the Organic Components of	1940-1971,
Interaction of Feedwater Colloids with the Sur-	Thermal Muds: III. The Lipid Fractions of the	W74-07186 7-14 4B
face of Reverse Osmosis Membranes,	Lacco Ameno (Ischia) Peloids, (In Italian),	Summary of Water-Level and Pumpage Data in
W74-01925 7-04 5D	W74-12739 7-23 2J	the Cheyenne and Federal Municipal Well
BIEGO B	RIIS, H.	Fields, April 1, 1972 to April 2, 1973,
RIEGO, D. Determination of the Rate of Tripoly- and	Effect of Environmental Factors on Algae	Cheyenne, Wyoming,
Pyro-Phosphate Hydrolysis in Sediments,	Count in the Main Soil Types of the Estonian	W74-06369 7-12 4B
W74-05542 7-11 5A	SSR (In Estonian),	RINGER, R. K.
BIRTH II II	W74-04114 7-08 2G	Effects of Dietary Mercury on Mink,
RIEKE, H. H. Effect of Compaction on Chemistry of Solu-	RIJTEMA, P. E.	W74-10930 7-21 5C
tions Expelled from Montomorillonite Clay	Water Withdrawal by Plant Roots,	
Saturated in Sea Water,	W74-04655 7-09 3F	RINGPFEIL, M.
W74-00102 7-01 2J	DIVIDE D P	Construction and Operation of a Laboratory
DIEL D D	RIKKERS, R. F. Multi-Time Period Facilities Location	Fermenter for Kinetic Measurements in Waste Waters (Bau Und Betrieb Eines Laboratori-
RIEL, R. R. Biological Treatment of Water Used in Potato	Problems: A Heuristic Algorithm With Applica-	ums-Fermentors Fur Kinetische Messungen an
Chip Manufacture, With Yeasts, (In French),	tion to Waste Water Treatment Systems,	Abwassern),
W74-05944 7-11 5D	W74-01929 7-04 5D	W74-10816 7-20 5D

Vertical Distribution of Fallout Cesium-137 in

Petroleum Systems Reliability Analysis, A Pro-

gram for Prevention of Oil Spills Using an Engineering Approach to a Study of Offshore and Onshore Crude Oil Petroleum Systems, Volume II - Appendices, W74-07957 7-15 5G

Cultivated Soils, W74-08644

RITCHIE, J. E. JR.

7-09 2H

RINGUELET, R. A.

RINKIS, G.

Ecology and Biocoenology of Lagunas or Lakes of Third Order of the Temperate Neotropical Region (Southeast Pampasic Re-

The Effect of Substrate Humidity on the

Supply of Macroelements to Plants, (In Latvi-

gion of Argentina), (In Spanish), W74-04817

ROAN, S. G.

waters, W74-06840

ROANE, M. K.

W74-01305

7-16 5B

7-13 SD

7-03 5A

Laboratory Ozonation of Muncipal Waste-

Two New Chytrids from the Appalachian Highlands,

Supply of Macroelements to Plants, (In Latvi-	Volume II - Appendices,	DODDING G W
an),	W74-07957 7-15 5G	ROBBINS, C. W. Controlling Soil Crusting with Phosphoric Acid
W74-01241 7-03 3F	Petroleum Systems Reliability Analysis,	to Enhance Seedling Emergence,
RIPPEE, K. P.	Volume I - Engineering Report, A Program for Prevention of Oil Spills Using an Engineering	W74-08279 7-16 3F
Seasonal Variations in Residues of Chlorinated	Approach to a Study of Offshore and Onshore	ROBBINS, J. W. D.
Hydrocarbon Pesticides in the Water of the	Crude Oil Petroleum Systems,	Groundwater Pollution by Agriculture,
Utah Lake Drainage System: 1970 and 1971, W74-01780 7-04 5B	W74-02947 7-06 5G	W74-09595 7-18 5B
RIPPERTON, L.	RITCHIE, J. T.	Water Pollution by Swine Production Opera-
Photochemical Reactions in a Dual Outdoor	The Effect of Overburden Pressure on Chloride	tions,
Smog Chamber,	and Water Movement in Swelling Clay Soil,	W74-00394 7-01 5D
W74-10996 7-21 5A	W74-10213 7-19 2G	ROBBINS, L.
	Field Measurement of Evaporation from Soil	Proposition OneFor New York's Environ-
RIPPLE, C. D.	Shrinkage Cracks,	ment.
Packing-Induced Radial Particle-Size Segrega-	W74-06900 7-13 2D	W74-13222 7-24 5G
tion: Influence on Hydrodynamic Dispersion		
and Water Transfer Measurements, W74-07630 7-15 2G	RITCHIE, L. M.	ROBBINS, L. G.
W74-07630 7-15 2G	Irrigation and Sprinkler System,	Response of the Lower Mississippi River to
Radial Particle-Size Segregation During	W74-07212 7-14 3F	Changes in Valley Slope, Sinuosity and Water
Packing of Particulates into Cylindrical Con-	RITTER, J.	Temperature,
tainers,	Plant Associations of the Southern Vercors	W74-03216 7-07 2E
W74-08447 7-16 2J	Massive: Associations of Springs and	ROBERSON, H. E.
	Marshlands at Subalpine Elevation,	Early Diagenesis: Expansible Soil Clay-Sea
RISCH, H.	W74-02243 7-05 2I	Water Reactions.
Influence of Development in Vicia villosa and		W74-10373 7-20 2J
Vicia sativa by Their Nodules and by Climatic	RITTER, J. A.	
Conditions: I. Development of Nodules in Vicia	Influence of Environmental Experience on	ROBERSON, J. A.
villosa and in Vicia sativa During Vegetative	Response of Yearling Rainbow Trout (Salmo Garidneri) to a Black and White Substrate,	Turbulence in Wakes of Roughness Elements,
Period, (In German),	W74-06063 7-12 5C	W74-05826 7-11 8B
W74-06240 7-12 2I	W/4-00003 /-12 JC	ROBERTS, A. A.
RISEBROUGH, R. W.	RITTER, J. R.	Determination of Organic Carbon in Modern
Deposition of DDE and Polychlorinated	Bolinas Lagoon, Marin County, California,	Carbonate Sediments,
Biphenyls in Dated Sediments of the Santa Bar-	Summary of Sedimentation and Hydrology,	W74-04059 7-08 2J
bara Basin,	1967-69,	
W74-09097 7-17 5B	W74-02296 7-05 2L	ROBERTS, B. J.
Provent P. C.	RITTER, W. F.	Down-Hole Motors for Improved Drilling,
RISHEL, R. C.	Atrazine, Propachlor, and Diazinon Residues	W74-07880 7-15 8C
Process and Apparatus for the Separation of Liquid Mixtures,	on Small Agricultural Watersheds,	ROBERTS, C. A.
W74-10495 7-20 5D	W74-05295 7-10 5B	Municipal Desalting Studies for Selected Kan-
W 74-10495		sas Communities,
RISK, M. J.	RIVENS, J. A.	W74-00156 7-01 5F
Settling Plates of Cold-Cure Acrylic Plastic	Irrigation and Sprinkler System, W74-07212 7-14 3F	
Replicated from Natural Surfaces,	W/4-0/212 /-14 3F	ROBERTS, F. W.
W74-05319 7-10 5A	RIVETT, L. S.	The Jubilee of the Royal Commission Standard,
DIFFORME C. I	Acid Neutralization Doesn't Cost Much,	W74-10891 7-20 5G
RITCHIE, C. L.	W74-07124 7-14 5D	ROBERTS, G. L.
An Automatic Sample Loader for Column Chromatography,	BRIOT - M	Mineralogy of Surface Sediments from the
W74-05438 7-11 5A	RIVOLA, M.	Panama Basin, Eastern Equatorial Pacific,
7-11 JA	Zonation of Mosses on the Banks of the Novy Cepsky Pond. (in Czech.),	W74-08298 7-16 2J
RITCHIE, J. C.	W74-08119 7-15 2H	
Determination of Fallout CS-137 and Naturally		ROBERTS, J. A.
Occurring Gamma-Ray Emitters in Sediments,	RIXFORD, C. E.	The Effects of Wind and Precipitation on the
W74-04190 7-08 5B	Photosynthetic Reclamation of Agricultural	Modification of South Beach, Crescent City, California Including an Appendix on the Focus-
Distribution of Cesium-137 in a Small	Solid and Liquid Wastes,	ing of Tsunami Energy at Crescent City,
Watershed in Northern Mississippi,	W74-12647 7-23 5D	W74-04212 7-08 2E
W74-05191 7-10 5B	ROACH, J.	W/4-04212 /-06 2L
	Determination of Zinc by Flameless Atomic	Investigations of Marine Processes and Coastal
Estimating Soil Erosion from the Redistribution	Absorption Spectrophotometry,	Landforms Near Crescent City, California.
of Fallout Cs-137,	W74-02399 7-05 5A	Volume I. Technical Discussion,
W74-06901 7-13 2J	DOLON I T	W74-02697 7-06 2E
Nitrogen, Phosporus and Other Chemicals in	ROACH, J. T.	ROBERTS, J. G.
Sediments from Reservoirs in North Mississip-	Application of the LUNR Inventory System for Water Resources Planning and Management in	Recent Developments in Preparing Colored
pi,	the Susquehanna River Basin,	Agroclimatic Maps by Computer,
W74-03213 7-07 5B	W74-09807 7-19 6B	W74-12695 7-23 7C

ROBERTS, K.

ROBERTS, K.		ROBINSON, A.	ROBINSON, L. H.
Waste Water Impurity Level Affect	s Floccula-	Phenotypic Variability of the Envelope	Effect of Hardness Reducers on Failure
tion Efficiency of Polyelectrolytes,		Proteins of Klebsiella aerogenes,	Characteristics of Rock,
W74-04195	7-08 5D	W74-03882 7-08 5C	W74-03148 7-06 8E
ROBERTS, P.		ROBINSON, A. G.	ROBINSON, M. C.
The Demographic, Political, and Adr	ninistrative	Occurrence, Radioactivity, and Diversity, of	Some Acute Effects of Low-Boiling Petroleum
Setting,		Winnipeg River Benthic Organisms in the	
W74-09058	7-17 6B	Vicinity of Whiteshell Nuclear Research Establishment,	Fractions on the Cellular Structure of Fish Gills Under Field Conditions,
ROBERTSON, A.		W74-05418 7-11 5C	W74-08637 7-16 5C
Culturing and Ecology of Diaptomu	s Clavipes	174-03410	DOBINGON N M
and Cyclops Vernalis,		ROBINSON, A. H. W.	ROBINSON, N. M.
W74-12213	7-23 5C	Residual Currents in Relation to Shoreline Evolution of the East Anglian Coast,	Models and Computer Codes for Evaluating Environmental Radiation Doses,
ROBERTSON, A. F.		W74-02720 7-06 2J	W74-09824 7-19 5B
Hydrologic Conditions in the Lake	land Ridge	177 02720	
Area of Polk County, Florida,		ROBINSON, C. N. JR.	ROBINSON, R. G.
W74-07318	7-14 4B	Polyelectrolytes as Primary Coagulants for Potable Water Systems.	Elemental Composition and Response to Nitrogen of Sunflower and Corn,
ROBERTSON, A. S.		W74-11117 7-21 5F	W74-05703 7-11 3F
Borehole Logging Investigations in	the Chalk	W/4-1111/	
of the Lambourn and Winterbourne		ROBINSON, D. J.	ROBINSON, W. L.
Berkshire,		An Ion-Exchange Process for Recovery of	Modeling Radiation Exposure to Populations
W74-00956	7-02 8G	Chromate From Pigment Manufacturing, W74-10423 7-20 5D	from Radioactivity Released to the Environ-
ROBERTSON, B.		W 74-10423	ment,
Hydrocarbon Biodegradation in	Alaskan	ROBINSON, D. W.	W74-11655 7-22 5B
Waters,		Test for Anticholinesterase Materials in Water,	ROBISON, J. H.
W74-08627	7-16 5B	W74-03838 7-08 5A	Availability of Ground Water in the Grants
ROBERTSON, B. R.		ROBINSON, F. E.	Pass Area, Josephine County, Oregon,
The Distribution and Succession	of Aquatic	Increase in Conductivity of Irrigation Water	W74-06959 7-13 7C
Vascular Plant Communities in		During Sprinkling,	
Physical-Chemical Characteristics	of Various	W74-12966 7-24 3F	Hydrology of the Dunes Area North of Coos Bay, Oregon,
Lakes and Ponds of The Tanana V	alley, Cen-	Tolerance of Rice (Oryza Sativa L.) to Salt	W74-07325 7-14 2L
tral Alaska,	7.01 .60	During Boot, Flowering, and Grain-Filling	
W74-11282	7-21 5C	Stages,	ROBISON, T. M.
ROBERTSON, D. E.		W74-08080 7-15 3C	Electrical Analog Model Study of the Alluvial
Marine Sciences.		7-15 50	Aquifer in the Yabucoa Valley, Puerto Rico:
W74-09237	7-17 5C	Use of Sprinklers to Study the Influence of Population Density Upon Seed Cotton Produc-	Phase 2The Planning, Construction and Use of the Model,
Radiological Sciences,		tion in an Arid Area,	
W74-09238	7-17 5C	W74-04133 7-08 3F	W74-06351 7-12 2F
W 74-07236	7-17 50	7-00 31	Ground-Water Resources of Montgomery
ROBERTSON, J. B.		ROBINSON, G. S.	County, Indiana,
Digital Modeling of Radioactive an	d Chemical	Evolution of the Law of the SeasDestruction	W74-07645 7-15 2F
Waste Transport in the Snake	River Plain	of the Pristine Nature of Basic Oceanographic	7-13 21
Aquifer at the National Reactor	Testing Sta-	Research,	Hydrogeology of the Principal Aquifers in Sul-
tion, Idaho,		W74-02791 7-06 6E	livan and Greene Counties, Indiana,
W74-11439	7-21 5B		W74-04049 7-08 2F
		ROBINSON, H. R.	7-00 21
The Influence of Liquid Waste Disp		Uncle is Moving In,	ROBISON, W. L.
Geochemistry of Water at the Natio	nal Reactor	W74-12769 7-24 6E	Environmental Aspects of Natural Gas Stimu-
Testing Station, Idaho: 1952-1970,		ROBINSON, J. B.	lation Experiments with Nuclear Devices,
W74-08962	7-17 5B	Nitrogen Losses Through Denitrification and	W74-05184 7-10 5B
Radioactive- and Chemical-Waste	Franchort in	Other Changes in Continuously Aerated	710 38
Groundwater at National Reactor		Poultry Manure,	ROBSON, C. M.
tion, Idaho: 20-Year Case History		W74-09706 7-18 5D	Chemical Addition to Trickling Filter Plants,
Model,	and Digital	W/4-09700 7-18 3D	W74-09710 7-18 5D
	7.07 SD	ROBINSON, J. D.	7-16 30
W74-03233	7-07 5B	Nuclear Spin-Lattice Relaxation of Liquids	ROBSON, S. G.
ROBERTSON, W. K.		Confined in Porous Solids,	Effects of Waste Percolation of Groundwater
Effects of Subsurface Asphalt Lay	ers on Corn	W74-04157 7-08 2F	in Alluvium Near Barstow, California,
and Tomato Root Systems,			W74-03228 7-07 5E
W74-07447	7-14 3F	ROBINSON, J. J.	1-0/ JE
		Observations on the Effect of Protein Intake	Feasibility of Digital Water-Quality Modeling
ROBINOVE, C. J.		and Stage of Gestation on the Proportion of	Illustrated by Application at Barstow, Califor-
Water Pollution,		Urinary Nitrogen Excreted as Urea in Sheep,	nia,
W74-00124	7-01 5A	W74-00408 7-01 5B	W74-11750 7-22 5B
		BORNIGON I I	1-22 3B
ROBINS, G. L.		ROBINSON, J. L.	ROBSON, T. O.
Effects of Starvation and Subsequ		A Fluorometric Method for the Determination	Studies on the Biology and Control of
on Survival and Growth of Fult		of Nitrilotriacetic Acid,	Vaucheria dichotoma Found in Freshwaters in
Sockeye Salmon Fry (Oncorhynchu		W74-00274 7-01 5A	Britain,
W74-06119	7-12 81	ROBINSON, J. W.	W74-00541 7-01 2I

ROBINSON, J. W.

The Determination of Cadmium by Atomic Absorption in Air, Water, Sea Water and Urine with a R.F. Carbon Bed Atomizer,
W74-01441

W74-00780

W74-00780

7-02 5A

The Identification of Sources of Oil Spills,

W74-00780

ROBINS, J. D.

Deep Mines, W74-00836

Gas Requirements to Pressurize Abandoned

7-02 5G

ROCCHETTI, R.	RODES, C. E.	RODWIN, L.
The Determination of Vanadium in Sea Water	A Colorimeter System for Determination of	Land-Use Research Issues Suggested by a Na-
by Hot Graphite Atomic Absorption Spec- trometry on Chitosan After Separation from	The Method 6 Thorin Titration Endpoint, W74-11001 7-21 5A	tional Urban Growth Strategy, W74-09415 7-18 4A
Salt.	W/4-11001 /-21 3A	W /4-09413 /-18 4A
W74-11109 7-21 5A	RODGERS, E. B.	ROE, K. A.
ROCH, K.	Satellite Views of Hurricane Camille, W74-08291 7-16 2B	Some Environmental Considerations in Power
Determination of the Activity of Nitrifying	W /4-06291 /-10 2B	Generation, W74-10782 7-20 5G
Bacteria in Surface Waters by a Modified Bod-	RODIER, J. A.	7-20 30
Test, (In German),	Hydrological Information for the Planning of	ROEBERT, A. J.
W74-08694 7-16 5B	Water Resources in Developing Countries (L'Information Hydrologique Pour La Planifi-	Chemical Water Types and Their Distribution in Space and Time in the Amsterdam Dune-
The Share Taken by Nitrification Processes in	cation des Resources Hydrauliques Dans Les	Water Catchment Area with Artificial
the Biochemical Oxygen Demand (BOD) in the	Pays en Voie de Developpement),	Recharge,
Water of the River Elbe, (In German), W74-08695 7-16 5A	W74-01623 7-03 7C	W74-13004 7-24 4B
W /4-08093 /-10 3A	RODIN, L. E.	ROEFS, T. G.
ROCHE, C.	Coastal Deserts of the Old World and Their	Competitive Groundwater Usage from the
Method of Preparing Washed Suspensions of Anaerobic Bacteria for Metabolic Studies.	Reclamation, W74-06479 7-12 4A	Navajo Sandstone,
W74-06875 7-13 5A	W74-06479 7-12 4A	W74-08768 7-17 4B
	RODINA, A. G.	The National Water Commission Report: A
ROCHE, E. T. Potential Danger from the Indian Catfish,	Nutritive Importance and Structure of Detritus,	Review,
Heteropneustes fossilis (Bloch),	W74-07471 7-14 5C	W74-01853 7-04 6E
W74-05829 7-11 8I	RODIONOV, V. S.	ROELS, O. A.
ROCHESTER, E. H.	Potential Intensity of Photosynthesis in Some	The Possible Occurrence of Photosynthetic
Soil Crusting Related to Sprinkler Intensity,	Tomato and Beet Species Under Different Soil Moisture, (In Russian),	Microorganisms in Deep-Sea Sediments of the
W74-08844 7-17 3F	W74-04691 7-09 3F	North Atlantic,
BOCHECTER P W		W74-06155 7-12 5B
ROCHESTER, E. W. An Irrigation Scheduling Model Which Incor-	RODIS, H. G. Appraisal of the Water Resources of Eastern	Power, Fresh Water, and Food From Cold,
porates Rainfall Predictions,	Palm Beach County, Florida,	Deep Sea Water,
W74-07440 7-14 3F	W74-08445 7-16 4B	W74-02254 7-05 3B
Soil Moisture Profile Under Steady Infiltration,	Encroaching Salt Water in Northeast Palm	ROESLER, J. F.
W74-08273 7-16 2G	Beach County, Florida,	Selected Abstracts for Instrumentation and Au-
DOCUMENTED TO MY AND	W74-11779 7-22 7C	tomation of Wastewater Facilities,
ROCHESTER, E. W. AND Soil Crusting Related to Sprinkler Intensity,	RODRICKS, J. V.	W74-10038 7-19 5D
W74-04560 7-09 3F	Criteria for Mycotoxin Standards,	ROESNER, L. A.
BACK 5 14	W74-01414 7-03 5A	A Model for Evaluating Runoff-Quality in
ROCK, B. M. The Pudsey Project,	RODRIGUE, R. F.	Metropolitan Master Planning,
W74-10041 7-19 5D	Dewatering Digested Primary Sludge,	W74-10396 7-20 5D
BOOK O	W74-09441 7-18 5D	ROESSLER, M. A.
ROCK, C. A. Long-Term Lake Recovery Related to Availa-	Summary Report: Pilot Plant Studies on De-	Impact of a Power Plant on a Subtropical
ble Phosphorus,	watering Primary Digested Sludge,	Estuarine Environment, W74-04189 7-08 5C
W74-06562 7-13 5C	W74-00700 7-02 5D	W 74-04109 7-06 SC
ROCK, F. C.	RODRIGUEZ-ITURBE, I.	ROETMAN, E. L.
A Radioactive Isotopic Characterization of the	A Bayesian Approach to Hydrologic Time Se-	Soil Moisture Transport in Arid Site Vadose Zones,
Environment Near Wiscasset, Maine: A	ries Modeling,	W74-07780 7-15 2G
Preoperational Survey in the Vicinity of the	W74-11456 7-22 6A	
Maine Yankee Atomic Power Plant, W74-06855 7-13 5A	The Design of Rainfall Networks in Time and	ROFF, J. C.
	Space,	Oxygen Consumption of Limnocalanus Macru- rus Sars (Calanoida, Copepoda) in Relation to
RODDA, J. C. Annotated Bibliography on Precipitation Mea-	W74-12312 7-23 2B	Environmental Conditions,
surement Instruments,	The Methodology of Bayesian Inference and	W74-06029 7-12 5C
W74-05169 7-10 2B	Decision Making Applied to Extreme	ROGALSKY, J.
A Stream Length Study,	Hydrologic Events, W74-07601 7-15 2A	Processing and Storage of Hydrometeorological
W74-00380 7-01 2E	W 74-07001 7-13 2A	Data in the Atmospheric Environment Service,
	On the Synthesis of Random Field Sampling	W74-01290 7-03 7C
RODE, A. A. Water Conditions in Soils of the Bogar Zone of	from the Spectrum: An Application to the Generation of Hydrologic Spatial Processes,	A Processing System for Fischer and Porter
the Uzbek SSR,	W74-12295 7-23 2B	Precipitation Gauge Data,
W74-04809 7-09 2G		W74-12977 7-24 7C
RODEICK, C. A.	RODRIGUEZ, J. M. Losses of Trace Concentrations of Cadmium	ROGERS, B. G.
Strudel Scour: A Unique Arctic Marine	from Aqueous Solution During Storage in Glass	Water Quality and Our Future Environment
Geologic Phenomenon,	Containers,	A Federation View,
W74-10374 7-20 2J	W74-12502 7-23 5A	W74-10710 7-20 5G
RODENHUIS, G. S.	RODRIGUEZ, S. E.	ROGERS, D.
System 21, 'Jupiter' (A Design System for	Percussive Water Jets for Rapid Excavation	A Summary of a Study of Citizen Views and
Two-Dimensional Nearly-Horizontal Flows),	Final Report,	Actions on the Proposed Ames Reservoir, W74-11596 7-22 6B
W74-02159 7-05 7C	W74-11997 7-22 8H	W74-11596 7-22 6B

ROGERS, D. W.

ROGERS, D. W. Anadromous Fish Water Requirement	nts,	
W74-01880	7-04	81
ROGERS, E. B. JR. Sand Control in Oil and Gas Wells, F	Part I,	

7-15 8B W74-07891 Sand Control. (Part 4). Combinations. Com-

parisons, and Costs, W74-07851 7-15 8A

ROGERS, I. H.

An Effective Method for the Isolation of Fish-Toxic Organic Solutes from Pulp Mill Effluents. W74-06382 7-12 5D

Isolation and Chemical Identification of Toxic Components of Kraft Mill Wastes, W74-05270

ROGERS, J. F.

Water Resources of the Little River Basin. Louisiana W74-07671 7-15 4A

ROGERS, L. R.

AEC Implementation of the National Environmental Policy Act in Its Licensing and Regulation of Nuclear Facilities, W74-05186 7-10 5G

ROGERS, P. A.

Current State Board Activities in Ground Water Quality Management, W74-06953 7-13 5G

ROGERS, P. L.

Growth of Streptococcus cremoris and Streptococcus lactis in a Chemostat. Production of Cells and Survival of Bacteria during Frozen Storage. W74-06762 7-13 5C

ROGERS, P. M.

Diversity and Longitudinal Zonation in Fish Populations of Two Streams Entering a Metropolitan Area, W74-06055 7-12 2I

ROGERS, R. G.

Environmental Effects of Petrochemical Waste Discharges on Tallaboa and Guavanilla Bays. Puerto Rico. W74-11228 7-21 5C

ROGERS, R. H.

A Technique for Correcting ERTS Data for Solar and Atmospheric Effects, W74-06648 7-13 7C

ROGERS, W. A.

Isoglaridacris agminis sp. n. (Cestoda: Caryophyllaeidae) from the Lake Chubsucker, Erimyzon sucetta (Lacepede), W74-03097 7-06 21

ROGERS, Y. C.

Some Aspects of the Role of Usnic Acid in Forest Ecology, W74-04979 7-10 5B

ROGEVEN, J. M.

Maintenance of Water Distribution Systems, W74-05013 7-10 5F

ROGOWSKI, A. S.

A Partial Area Model for Storm Flow Synthes-W74-09907 7-19 2A Transient Response of a Layered, Sloping Soil to Natural Rainfall in the Presence of a Shallow Water Table: Experimental Results,

Two- and Three-Point Models of the Soil Moisture Characteristic and Hydraulic Conductivity for Field Use, W74-12819

ROGOZHKIN, V. I.

Character of Seasonal Distribution of Mineralization of Water in the Tsimlyansk Reservoir (O kharaktere sezonnogo raspredeleniya mineralizatsii vody Tsimlyanskogo vodokhranilishcha), W74-03528

A Hydrochemical Description of Mouths of Rivers Flowing into the Tsimlyansk Reservoir (Gidrokhimicheskaya kharakteristika ust'yev rek, vpadavushchikh v Tsimlyanskove vodokhranilische), W74-03252

ROHRBOUGH, J. D.

Quasi-Weekly and Daily Profile Changes on a Distinctive Sand Beach. W74-04964 7-10 2L

ROHWER, P. S.

A Systems analysis Methodology for Predicting Dose to Man From a Radioactively Contaminated Terrestrial Environment, 7-15 5C W74-07809

ROKYTOVA, K.

Influence of Water Intake on the Degree of Incisor Fluorosis and on the Incorporation of Fluoride into Bones and Incisor Teeth of Mice, W74-05246 7-10 SC

Municipal Wastewater Disposal on the Land as an Alternate of Ocean Outfall, 7-24 5D W74-12896

ROLAND, K. E.

Algal Assays of Archipelago Waters: Quantitative Aspects. W74-13495 7-24 5C

ROLFSON, E. H.

Apparatus for Confining Floating Pollutants, W74-02488 7-05 5G

ROLL, E.

New Arizona Wastewater Plant to Alleviate **Problems** 7-17 5D W74-08890

ROLLER, N.

Monitoring Ocean Dumping with ERTS-1 Data, W74-02580 7-05 7B

ROLLER, N. E. G.

Terrain Classification Maps of Yellowstone National Park, 7-13 4A W74-06645

ROLLER, P. P.

N-Nitrosation by Nitrite Ion in Neutral and Basic Medium. W74-01328 7-03 5B

ROLLER, P. S.

Method and Apparatus for Saline Water Conversion. W74-12455

ROLLINGS, R. C.

Development of Sea Water Membranes, Part I, W74-11643 7-22 3A Development of Sea Water Membranes, Part

W74-11644 7-22 3A

ROLLINS, G. H.

Water Pollution by Dairy Farm Wastes as Related to Method of Waste Disposal. 7-04 5B W74-01651

ROLLINS, G. L.

Relationships Between Soil Salinity and the Salinity of Applied Water in the Suisun Marsh of California, W74-10764 7-20 4A

ROMANELLI, R. A.

Effect of Temperature and Oxygen Pressure on Cellulose Utilization by Thermophilic Organisms. W74-12193 7-23 SD

ROMANENKO, N. A.

Survival Rate of Ascarid Eggs in the Soil and Sediment of Sewage in Ooze Area in the Volgograd Region, (In Russian), W74-13362 7-24 5C

ROMANENKO, V. A.

Problem of Simplifying Snowmelt Computations (K voprosu ob uproshchennom raschete snegotavaniva). W74-00596 7-02 2C

ROMANKEVICH, YE. A.

Recent Sediments of the Pacific Ocean Off the Coasts of Peru and Chile (Sovremennyye osadki Tikhogo okeana u beregov Peru i Chili), W74-03829 7-08 21

ROMANOV, A. S.

Arsenic and Antimony in the Tropical Zone of the Atlantic Ocean (Mysh'yak i sur'ma v tropicheskoy zone Atlanticheskogo okeana), W74-06309 7-12 2K

ROMANOV, G. A.

Additional Purification of Chemically Treated Effluents (Doochistka Khimicheski obrabotannykh stochnykh vod), W74-03071 7-06 5D

Intensification of Sand Filter Operation (Intensifikatsiya raboty peschenykh fil'trov), W74-12958 7-24 5D

ROMANOVA, YE. N.

Site Evaluation According to Soil Moisture Content and ecessary Improvement Practices in the USSR, W74-05841

ROMANOVSKIY, S. I.

Role of Turbidity Currents in Sedimentary Processes (O roli mut'yevykh potokov v protsessakh osadkonakopleniya), W74-07502 7-14 21

ROMASHOV, A. N.

Directed Explosions--Experience at Medeo, W74-11768 7-22 8H

ROMBERG, G. P.

A Technique for Simultaneous Echo Location of Fish and Thermal Plume Mapping, W74-04229 7-08 5B

ROMEO, G.

Computerized Digital Data Acquisition System for Thermogravimetry and Similar Applications. W74-02977 7-06 2K

ROMEO, M.	RONNHOLM, B.	ROSE, D. A.
Use of Neritic Trophodynamic Chain of Mol-	Fluorimetric Method for the Determination of	Some Aspects of the Hydrodynamic Dispersion
luscs for the Study of the Transfer of Metallic	Uranium in Natural Waters,	of Solutes in Porous Materials,
Pollutants, (Utilisation D'une Chaine	W74-05240 7-10 5A	W74-00360 7-01 2G
Trophodynamique De Type Neritique A Mol-	RONNING, O.	ROSE, D. J.
lusques Pour L'etude Des Transferts Des Pol- luants Metalliques).	Lamellar Sedimentation of Fiber-Carrying	Technical and Social Aspects of Nuclear Waste
W74-11287 7-21 5C	Waste Waters (Lamellsedimentering av	Disposal in Western Europe,
	fiberholdig vann),	W74-13135 7-24 SD
ROMERIL, M. G.	W74-08437 7-16 5D	ROSE, J. M.
Trace Metals in Sediments and Bivalve Mol- lusca in Southampton Water and the Solent,	ROODVOETS, R. J.	Methylmercury: Bacterial Degradation in Lake
W74-11288 7-21 5B	Target System for Laying Sewer Pipes,	Sediments.
	W74-13337 7-24 8A	W74-13038 7-24 5B
ROMERO, M.	ROOK, H. L.	ROSE, J. W.
Contribution to the Method for the Determina-	Operation Characteristics of NO2 Permeation	Free Convection Film Condensation of Steam
tion of Sublethal Water Deficit, W74-05365 7-10 21	Devices,	in the Presence of Non-Condensing Gases,
7-10 21	W74-11002 7-21 5A	W74-02896 7-06 8B
ROMERO ROJAS, J. A.	ROONEY, T. C.	ROSE, M.
Protracted Recharge of Treated Sewage into	Pitfalls in Parameter Estimation for Oxygen	Market Problems in the Distribution of Emis-
Sand: Part IQuality Changes in Vertical Transport Through the Sand,	Transfer Data,	sion Rights,
W74-09095 7-17 5D	W74-09514 7-18 5A	W74-00674 7-02 5G
	коотн, с.	ROSE, R. C.
ROMKENS, M. J. M.	Water Movements in Shallow Coastal Bays and	Transpiration Measurement in Pines Using
Nitrogen and Phosphorus Composition of Sur-	Estuaries,	Tritiated Water as a Tracer,
face Runoff as Affected by Tillage Method, W74-06344 7-12 5B	W74-03442 7-07 2L	W74-05197 7-10 5B
W 74-00344 7-12 3B	ROQUERO, C.	BOCE C C
A Similarity During Early Stages of Rain In-	Detection of Major River Bed Changes in the	ROSE, S. S. The Southern Water Resources Scientific In-
flitration,	River Ebro (North-Eastern Spain),	formation Center.
W74-10205 7-19 2G	W74-02589 7-05 7B	W74-02116 7-04 10B
ROMKENS, M. J. M. AND	ROOUES, H.	BOOK III B
Phosphorus Relationships in Runoff from Fer-	Concerning a New Graphic Method for Study	ROSE, W. D. Bibliography and Index of Oklahoma Geology
tilized Soils,	of Natural Waters (In French),	1972.
W74-04471 7-09 5B	W74-01008 7-02 2K	W74-01916 7-04 2F
ROMNEY, E. M.	DODUOLM N	
Cycling of Stable Cesium in a Desert	RORHOLM, N. Economic Growth and the Generation of	ROSEHART, R. G. Mine Water Purification by Reverse Osmosis,
Ecoystem,	Waterborne Wastes,	W74-06409 7-12 5D
W74-05195 7-10 5B	W74-12782 7-24 5B	772 30
Persistence of Radionuclides in Soil, Plants,	DODES 44 .	ROSELAAR, C. S.
and Small Mammals in Areas Contaminated	RORKE, M. A. Lethality and Behavioral Symptoms Produced	A Find of Marsh Sandpiper Tringa stagnatilis in
with Radioactive Fallout,	by Some Organophosphorous Compounds in	the Netherlands, W74-04681 7-09 5C
W74-05194 7-10 5B	the Snail (Helix Aspersa),	7-07-30
Some Characteristics of Soil and Perennial	W74-11483 7-22 5C	ROSEN, H. H.
Vegetation in Northern Mojave Desert Areas	ROSAIN, R. M.	Improved Waste Disposal Unit,
of the Nevada Test Site,	The Rate of Loss of Mercury From Aqueous	W74-01284 7-03 5D
W74-02024 7-04 5B	Solution When Stored in Various Containers,	ROSEN, H. M.
RONALD, K.	W74-00043 7-01 5A	Use of Ozone and Oxygen in Advanced Waste
Organochlorine Residues in Harp Seals	ROSE, A. D.	Water Treatment,
(Pagophilus groenlandicus) Caught in Eastern	Sensitivity of Vertebrate Embryos to Heavy	W74-11103 7-21 5D
Canadian Waters,	Metals as a Criterion of Water Quality-Phase I,	ROSEN, J. M.
W74-00766 7-02 5C	W74-07715 7-15 5C	Analysis of Explosives in Sea Water and in
RONCEDO, L. R.	ROSE-ACKERMAN, S.	Ocean Floor Sediment and Fauna,
'Hill-Top Irrigation,' A New System for Early	Effluent Charges: A Critique,	W74-00285 7-01 5A
Sweetpotato Planting, (In Spanish),	W74-09560 7-18 5G	ROSENBERG, D. H.
W74-08136 7-15 3F		Coastal Weather, Tides and Wind Waves of the
RONIN, V. L.	ROSE, C. D. Mortality of Market-Sized Oysters (Crassostrea	Northern Gulf of Alaska,
Complex Use of Volga Water Resources	Virginica) in the Vicinity of a Dredging Opera-	W74-06431 7-12 2L
(Kompleksnoye ispol'zovaniye vodnykh resur-	tion,	Oil and Gas Seeps of the Northern Gulf of
sov Volgi),	W74-03305 7-07 5C	Alaska,
W74-05837 7-11 3F	ROSE, C. J.	W74-06432 7-12 5B
RONNE, V.	Management Science in the Developing Coun-	ROSENBERG, N. J.
On the Isolation of Virus from Sewage Treat-	tries: A Comparative Approach to Irrigation	Evaporation from Bare Soil in a Coastal En-
ment Plant Sludges,	Feasibility,	vironment,
W74-00628 7-02 5A	W74-03471 7-07 3F	W74-08305 7-16 2D
RONNHOLM, A. A. R.	ROSE, C. L.	Reflectant Induced Modification of Soybean
Reducing Evaporation Plant Pollution Plant	Retention of Two Mercurials by Striped Mullet,	Canopy Radiation Balance: 1. Preliminary
Pollution and Its Treatment,	Mugil Cephalus,	Tests With a Kaolinite Reflectant,
W74-00763 7-02 5D	W74-12504 7-23 5B	W74-10668 7-20 2D

ROSENBERG, N. J.

A Resistance Model to Predict Evapotranspira-	ROSING, J.	ROSS, R.
tion and Its Application to a Sugar Beet Field,	A Computer Simulation Model for Flood Plain	The Determination of Chromium in Human
W74-03921 7-08 2D	Development. Part II: Model Description and	Urine by Gas Chromatography Using a Flame
	Applications,	Photometric Detector with a 425, 4 NM Filter,
ROSENBERG, R.	W74-07296 7-14 6A	W74-00270 7-01 5A
Benthic Fauna and Zooplankton in Some Pol-	Multiple Planning for Multipurpose Water	ROSS, R. G.
luted Swedish Estuaries, W74-06043 7-12 5C	Resource Systems: A Structure for Regional	Treatment of Wastewaters From Military Field
W74-06043 7-12 5C	Water Resource Development,	Laundry, Showers, and Kitchen Units,
Effects of a Sulphate Pulp Mill on the Benthic	W74-06106 7-12 6B	W74-09410 7-18 5I
Macrofauna in a Firth of the Bothnian Sea,		
W74-12663 7-23 5C	ROSKOPF, R. F.	ROSS, R. T.
	Trickling Filter-Activated Sludge Combinations	The Determination of Methyl Mercury is
Succession in Benthic Macrofauna in a	for Domestic Wastewater Treatment, W74-04798 7-09 5D	Urine,
Swedish Fjord Subsequent to the Closure of a	W74-04798 7-09 5D	W74-02387 7-05 5A
Sulphite Pulp Mill,	ROSS, C. P.	ROSS, S. H.
W74-06013 7-12 5C	Control and Treatment of Radioactive Liquid	Geothermal Potential of Idaho,
DOCENDIATE N W	Waste Effluents at the Savannah River Plant,	W74-08974 7-17 21
ROSENBLATT, N. W. Development of Sea Water Membranes, Part I,	W74-11661 7-22 5D	
W74-11643 7-22 3A		ROSS, S. S.
W /4-11043 /-22 3A	ROSS, D. A.	Federal Laws and Regulations,
Development of Sea Water Membranes, Part	Recent Sediments of Black Sea,	W74-07703 7-15 50
II.	W74-12380 7-23 2J	BOSS T. C
W74-11644 7-22 3A	ROSS, D. I.	ROSS, T. G. Water Resources Outlook for the Minneapolis
	Environmental Dose Measurements in the	Saint Paul Metropolitan Area, Minnesota,
ROSENBLATT, T. M.	Vicinity of Nuclear Facilities,	W74-05172 7-10 41
Optimization and Design of an Oil Activated	W74-08911 7-17 5A	W 74-05172
Sludge Concentration Process,		ROSSI, E. R.
W74-10192 7-19 5D	ROSS, D. S.	'Hill-Top Irrigation,' A New System for Earl
	Apparatus and Method for Treating Waste	Sweetpotato Planting, (In Spanish),
ROSENBUSCH, J. M.	Liquid,	W74-08136 7-15 31
State of the Art Report on Marine Sanitation	W74-08026 7-15 5D	mossi o
Devices,	Experimental Masking of RBV Images to	ROSSI, G. Analysis of High-Purity Water by Flameles
W74-10360 7-20 5D	Reduce Stationary Residual Inaccuracies in	Atomic-Absorption Spectroscopy. Part I
ROSENE, R. B.	Radiometric Correction,	Signal Integration with a Non-Resonance Lin
Chemical Method of Preventing Loss of Indus-	W74-06649 7-13 7C	Correction System for Spurious Absorptio
trial and Fresh Waters from Ponds, Lakes and		Phenomena,
Canals.	Water Depth Estimation with ERTS-1 Imagery,	W74-02385 7-05 54
W74-10883 7-20 4A	W74-06680 7-13 2L	7 65 51
	ROSS, E. H.	ROSSINSKIY, K. I.
ROSENFELD, A. S.	Water Well Records and Information System	Experimental Investigation of the Effect of Sa
Pulp and Paper Mill Sludge Disposal by Com-	Needs,	tating Sediments on Kinematics of Flor
bustion,	W74-00574 7-02 7C	(Eksperimental'noye issledovaniye vliyaniy
W74-06397 7-12 5D		sal'tiruyushchikh nanosov na kinematik
Dule and Danes Mill Cludes Utilization and	ROSS, G.	potoka),
Pulp and Paper Mill Sludge Utilization and	Stabilized Floating Aeration System,	W74-01134 7-03 2
Disposal,	W74-10593 7-20 5D	ROSSMAN, L. A.
W74-02278 7-05 5D	ROSS, I. J.	Optimal Regionalization of Wastewater Trea
ROSENSHEIN, J. S.	Engineering Agricultural Wastes,	ment for Water Quality Management,
Basic Water-Quality Data for Pollution Abate-	W74-00397 7-01 5D	W74-13048 7-24 5
ment Plan, Tampa Bay Area, Florida,		
W74-02629 7-05 5B	High-Temperature, High-Pressure Extrusion of	ROSSMILLER, R. L.
	Chicken Excreta,	Future Water Supply Requirements and Alte
Hydrologic Evaluation of Industrial-Waste In-	W74-00418 7-01 5D	native Sources of Supply at Ames,
jection at Mulberry, Florida,	BOSS I C	W74-11617 7-22 6
W74-03244 7-07 5E	ROSS, J. G. Increasing Water Utilization Efficiency of a	Population Projections for Ames and the Rese
	Pasture Grass by Increasing Aftermath	voir Area of Influence,
ROSENTHAL, B. C.	Through Plant Selection,	W74-11615 7-22 6
Technical and Scientific Journals,	W74-03773 7-08 3F	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
W74-03045 7-06 10C		Urban Flood Damages,
ROSENTHAL, H.	ROSS, J. R.	W74-11622 7-22 6
Problems With Dumping of Red Mud in Shal-	Solvent Extraction of Nitrate from Titanium	The Hea of Castistic Disable
low Waters. A Critical Review of Selected	Leacher Effluent,	The Use of Statistical Distributions for Dete
Literature,	W74-11763 7-22 5D	mining the Magnitude and Frequency (Floods,
W74-13091 7-24 5C	ROSS, L. W.	W74-11611 7-22 6
	Removal of Heavy Metals from Mine Drainage	7-22 0
ROSENTHAL, S. L.	by Precipitation,	ROSSOUW, J.
Multipurpose Medium for Use with Pseu-	W74-04851 7-10 5D	Field and Model Studies on a Siltation Proble
domonas Species,		in the Fraser River,

7-10 5A ROSS, P. J.
Public Participation in Water Resources
Planning and Decision-Making Through Information-Education Programs: A State-Of-The-

Arts Study, W74-10393

in the Fraser River,

A Dynamic Method and Its Application to Investigations of Currents in Inland Bodies of Water (Dinamicheskiy metod i yego

7-23 8A

W74-12089

7-20 6B

ROTATOVA, T. V.

W74-04906

ROSHCHINA, V. D.

Study of the Intracellular Water State in Plants Under the Effect of Phenols, (In Russian),
W74-02234 7-05 2I

primeneniye dlya issledovaniy techeniy vo	ROUTSON, R. C.	ROWLEY, R. K.
vnutrennikh vodoyemakh),	Environmental Chemistry,	Effects of Ground-Ice Variability and Resulting
W74-09105 7-17 2H	W74-09235 7-17 5B	Thaw Settlements on Buried Warm-Oil Pipelines,
ROTH, J. C.	Percol User's Manual,	W74-04422 7-09 4C
Limnological Survey of Lakes Michigan, Su-	W74-10123 7-19 5B	
perior, Huron and Erie,	ROUTSON, R. C. AND	ROWLEY, R. K. AND
W74-05067 7-10 5C	One-Dimensional Model of the Movement of	Performance of a Warm-Oil Pipeline Buried in
ROTH, S. J.	Trace Radioactive Solute Through Soil	Permafrost, W74-04423 7-09 8D
Ge(Li) Low Level in Situ Gamma-Ray Spec-	Columns: The Percol Model,	W /4-04423 /-09 8D
trometer Applications,	W74-04444 7-09 5B	ROY, B. C.
W74-08886 7-17 5A		The Spectrophotometry and Solvent-Extraction
	ROUTSON, W. G.	Behaviour of Iron(III), Vanadium(IV and V
ROTHROCK, D. A.	Method for Controlling Flow of Aqueous	and Titanium(IV) Chelates of 1-(o-Carbox
Modeling the Pack Ice as an Elastic-Plastic Material.	Fluids in Subterranean Formations,	yphenyl)-3-Hydroxy-3-Methyltriazene,
W74-09941 7-19 2C	W74-10029 7-19 8G	W74-05471 7-11 5A
W/4-05741	Slurry Pump,	ROY-CHOWDHURY, A. K.
Redistribution Functions and Their Yield Sur-	W74-10488 7-20 8C	Trace Metals in Asbestos Carcinogenesis,
faces in a Plastic Theory of Pack Ice Deforma-		W74-12488 7-23 5A
tion,	ROVANG, D. C.	
W74-05161 7-10 2C	Regional Water Supply and Water Quality Con-	ROY, G. S.
A Relation Between the Potential Energy	cepts and Management Alternatives, W74-11621 7-22 6B	The Characteristics of the Raw Waters of
Produced by Ridging and the Mechanical Work	W 74-11021 7-22 6B	Hasdeo River and Dhengur Nala at Korba (M. P.),
Required to Deform Pack Ice,	ROVEL, J-M.	W74-01240 7-03 5A
W74-05160 7-10 2C	Device for Removing Floated Material in Flota-	7-03 32
DOWNING W	tion Processes,	ROY, N.
ROTKIRCH, H.	W74-12807 7-24 5D	Effect of Entrance on Seiche Motion in Ocean
Claims to The Ocean, W74-11147 7-21 6E	ROVERS, F. A.	Ports,
W/4-1114/ /-21 OE	Infiltration and Landfill Behavior.	W74-04743 7-09 2I
ROTMISTROV, M. M.	W74-08083 7-15 5B	ROYER, T. C.
The Ability of Some Minerals to Adsorb		Physical Oceanography of the Northern Gulf of
Viruses from Water(In Ukrainian),	ROWAN, L. C.	Alaska,
W74-03978 7-08 5F	Structural Geological Analysis of Nevada	W74-06427 7-12 2I
ROTOTAYEVA, O. V.	Using ERTS-1 Images: A Preliminary Report, W74-01709 7-04 7C	
Catalog of USSR Glaciers. Volume 14. Soviet	W74-01709 7-04 7C	ROYLE, L. G.
Central Asia. No. 3. Amu-Dar'ya. Part 6. Surk-	ROWE, D. W.	Chemical Evidence for the Dispersal of Rive Mersey Run-off in Liverpool Bay,
hob River Basin Between Mouths of the	Cadmium Uptake and Time Dependent Altera-	W74-07674 7-15 51
Obikhingou and Muksu Rivers (Katalog led-	tions in Tissue Levels in the White Catfish Ic-	117-07074
nikov SSSR. Tom 14. Srednyaya Aziya.	talurus catus (Pisces: Ictaluridae),	ROZANOV, A. G.
Vypusk 3. Amu-Dar'ya. Chast' 6. Basseyn r.	W74-08348 7-16 5C	Forms of Iron in Surface Layer of Black Ser
Surkhob mezhdu ust'yami rek Obikhingou i	ROWE, G. R. JR.	Sediments,
Muksu), W74-11215 7-21 2C	The Impact of Water Pollution Abatement on	W74-12390 7-23 2
W/4-11215 /-21 2C	Competition and Pricing in the Alabama Steel	ROZANOV, Y. A.
ROTSIDES, C.	Industry,	Some Problems on the Stochastic Flood Con
Inverse Separation of Heat-Treated Sludge,	W74-02437 7-05 5D	trol,
W74-11249 7-21 5D	DOWN M	W74-13029 7-24 4/
BOTTCCUAFTED I M	ROWE, M.	BOZINOVI I M
ROTTSCHAFTER, J. M. A Simple, Rapid Method for the Determination	Economic, Social and Environmental Impacts of Public Works, Vol. I Pittsburgh Area Stu-	ROZANOVA, L. M.
of Trace Mercury in Fish Via Neutron Activa-	dies, Vol. II. The Alegheny County Sanitary	Filtration Mechanisms During the Removal o Contaminants from Nitric Acid.
tion Analysis,	Authority (AlCoSan) Facility, Vol. III. Impact	W74-10281 7-19 51
W74-06788 7-13 5A	Analysis,	717 31
	W74-05231 7-10 6B	ROZELLE, L. T.
ROUQUETT, F. M. JR.		Fabrication and Testing of Tubular Reverse Os
Recycling and Recovery of Nitrogen, Phosphorus, and Potassium by Coastal Bermu-	Sewage Collection and Treatment Systems: Issues in and Approaches to Impact Analysis,	mosis Modules Containing Ultrathin Mem
dagrass: I. Effect of Sources and Rates of	W74-05241 7-10 6B	branes for Wet-Dry Cycling Operations, W74-00313 7-01 5
Nitrogen Under a Clipping System,	W14-03241	W 14-00313 1-01 31
W74-08327 7-16 5B	ROWE, W. D.	In-Situ Formed Condensation Polymers for
	Radiological Environmental MonitoringThe	Reverse Osmosis Membranes,
ROUQUETTE, F. M. JR.	EPA Approach,	W74-08504 7-16 3
Recycling and Recovery of Nitrogen, Phosphorus, and Potassium by Coastal Bermu-	W74-08877 7-17 5A	ROZENGART, V. I.
dagrass: II. Under Grazing Conditions with	ROWELL, C. F.	Metabolism of Organophosphorus Compound
Two Stocking Rates,	Some Technical and Economic Concerns Relat-	in Animals,
W74-08328 7-16 5B	ing to Shipboard Pollution Abatement,	W74-01790 7-04 5
	W74-03743 7-07 5D	
ROUSAR, D. C.	DOWEN E I	ROZENGART, YE. V.
Distribution of Phosphorus, Silica, Chlorophyll a, and Conductivity in Lake Michigan and	ROWEN, E. L. Flood Damage in South Dakota,	On the Interaction Between Organophosphoru Inhibitors and Cholinesterase,
Green Bay.	W74-09394 7-18 2E	W74-01794 7-04 5
W74-08000 7-15 5C	-10 25	7-74 5

ROWLEY, M. E.
Industrial Waste Treatment Opportunities for
Reverse Osmosis,
W74-09635 7-18 5D

Seasonal and Spatial Changes in Primary Production and Nutrients in Lake Michigan, W74-07773 7-15 5C ROZENGURT, M. SH.

Ecological Equilibrium of River-Estuary-Sea Systems and Improvement of Their Efficiency for the National Economy (O ekologicheskom

ROZENGURT, M. SH.

ravnovesii sistem reka-liman-more i povyshenii	RUCKELSHAUS, W. D.	RUDOLPH, N. S.
ikh narodnokhozyaystvennoy effektivnosti),	EPA's Ruckelshaus: 'From Careless Indif-	Water Resources Development in the Mullica
W74-08708 7-17 2L	ference to Remedial Action', W74-10072 7-19 5D	River Basin, W74-02450 7-05 5C
ROZHDESTVENSKIY, G. D.	W14-10072	
Mudflows (Selevyye potoki),	Local Initiative in Pollution Control,	RUDOMINO, M. V.
W74-04581 7-09 4D	W74-10722 7-20 5G	Experimental Investigations of the Biological Activity of Organophosphorus Complexones,
DOZUNOV C I	Toward Environmental Sanity,	W74-01797 7-04 5B
ROZHNOV, G. I. Hygienic Evaluation of Polymers Used in the	W74-03346 7-07 5G	111111111111111111111111111111111111111
Membrane Methods of Water Desalination (In	17-033-10	RUEB, F.
Russian),	RUCKENBAUER, P.	Filter and Centrifuges for the Dehydration of
W74-13159 7-24 5D	Investigations of the Meteorological Influences	Waste Water Sludges (Filter und Zentrifugen
	on the Increase of Dry Matter and Stalk Length	Fuer Die Entwaesserung Von Abwas-
ROZMAJZLOVA-REHACKOVA, V.	for Spring Barley and Winter Wheat in the Pan-	serschlaemmen),
Survey of Reservoirs in Bohemia and Their	nonian Climate Area: I. Method Synopsis and	W74-13434 7-24 5D
Water Quality,	Results of the Preliminary Experiments of	RUENESS, J.
W74-06537 7-13 5C	1970, (In German), W74-12729 7-23 3F	Pollution Effects on Littoral Algal Communi-
ROZYSKI, Z.	W74-12729 7-23 3F	ties in the Inner Oslofjord, with Special
Water Quality Control Program at Publishers	RUCKENSTEIN, E.	Reference to Ascophyllum nodosum,
Paper Co.,	High Reynolds Numbers Unsteady Convective	W74-00733 7-02 5C
W74-02275 7-05 5D	Mass Transfer from Fluid Spheres,	RUFF, J. F.
	W74-02891 7-06 2B	Application of Remote Sensing to River
RUANE, R.		Mechanics.
Effects of Watershed Development on Water	RUCKER, S. J. IV	W74-03800 7-08 2E
Quality,	Water Resources of the Laramie, Shirley,	
W74-00118 7-01 5C	Hanna Basins and Adjacent Areas, Southeast- ern Wyoming,	Clarks Fork Yellowstone River Remote
RUBANOV, I. V.	W74-11983 7-22 7C	Sensing Study, W74-08386 7-16 2J
Lacustrine Salt Deposits Under Present-Day	722 70	W74-08386 7-16 2J
Sediments of the Aral Sea (Solyanyye ozernyye	RUCKS, A. C.	A Feasibility Study of Using Remotely Sensed
otlozheniya pod sovremennymi osadkami	The Economic Benefits of Abating Water Pol-	Data for Water Resource Models,
Aral'skogo morya),	lution in the Steel, Textile, and Paper Indus-	W74-12072 7-23 2A
W74-08712 7-17 2H	tries in Alabama,	DUGGERALN D. M.
	W74-03753 7-08 5D	RUGGLEMAN, B. M. Development of Improved Membranes for
RUBIN, B.	The Impact of Water Pollution Abatement on	Reverse Osmosis,
Differential Tolerance of Six Leguminous	Competition and Pricing in the Alabama Textile	W74-00159 7-01 3A
Crops to Terbutryne,	Industry,	W 14-00137
W74-02941 7-06 3F	W74-01101 7-03 5G	RUGGLES, F. H. JR.
RUBIN, C.		Plume Development in Long Island Sound Ob-
Environmental Management and Local Govern-	Industry Variance of Consumer Prices and	served by Remote Sensing (ERTS-1),
ment,	Competition as a Consequence of Water Pollu-	W74-06668 7-13 2L
W74-08827 7-17 6E	tion Abatement, W74-05640 7-11 5D	RUMANCIK, J. A.
DUDIN II		Water Treatment System,
RUBIN, H. Heat Dispersion Effect on Thermal Convection	RUDD, J. W. M. AND	W74-07979 7-15 5F
in a Porous Medium Layer,	Measurement of Adenosine Triphosphate	RUMER, R. R. JR.
W74-07156 7-14 2F	(ATP) in Two Precambrian Shield Lakes of	Adjustment of Friction in Hydraulic Models of
	Northwestern Ontario, W74-04782 7-09 5B	Lakes.
RUBIN, J.	W/4-04/82 /-09 3B	W74-02314 7-05 2H
Dispersion-Affected Transport of Reacting	RUDD, T. R.	
Solutes in Saturated Porous Media: Galerkin	The Impact of Slimes-Dam Formation on	Decay of Mass Oscillations in Rectangular
Method Applied to Equilibrium-Controlled	Water Quality and Pollution,	Basins, W74-05830 7-11 8B
Exchange in Unidirectional Steady Water	W74-06604 7-13 5B	W 74-03830 7-11 8B
Flow, W74-00364 7-01 5B	RUDDER, C. L.	Lake Ontario Hydraulic Model Study
7-01 3B	Aerial Detection of Spill Sources,	(Preliminary Results),
Packing-Induced Radial Particle-Size Segrega-	W74-04196 7-08 5A	W74-09402 7-18 2H
tion: Influence on Hydrodynamic Dispersion	7.00	RUNDELL, H. A.
and Water Transfer Measurements,	RUDICH, D. A.	Measuring and Using Rotary Drilling Torque,
W74-07630 7-15 2G	A Planned Maintenance Management System	W74-12527 7-23 8C
Radial Particle-Size Segregation During	for Municipal Wastewater Treatment Plants,	
Packing of Particulates into Cylindrical Con-	W74-08944 7-17 5D	RUNGE, G.
tainers,	RUDINGER, G.	New Methods to Dispose of Used Metalwork-
W74-08447 7-16 2J	An Investigation of the Physical Effects of	ing Emulsions, (Neue Verfahren Zur Beseitigung Gebraughter Metall-Bearbeitungs-
DUDE DUA DE M	Thermal Discharges into Cayuga Lake,	Emulsionen).
RUBLEVA, M. N.	W74-02178 7-05 5B	W74-08247 7-16 5D
Barrier Role of Water Works Installations in	DUDING I	
Respect to Chemical Contaminations Classified According to Organoleptic Properties of	RUDLING, L. The Investigation of Biodegradability of	RUNKLES, J. R.
Hazards, (In Russian),	Branched Nonyl Phenol Ethoxylates,	Regional Energy-Water Problems, Southern Plains.
W74-01584 7-03 5D	W74-08798 7-17 5D	W74-07976 7-15 6D
RUBTSOV, V. G.	RUDNEVA, A. V.	RUNNER, G. S.
An Example of Longevity of Pine on a Peat	Description of Snow Transport and Snow Deposition in the European USSR.	Floods at Martinsburg and Vicinity, West Vir-
Bog, (In Russian), W74-05351 7-10 2I	W74-00112 7-01 2C	ginia, W74-02615 7-05 2E
7-10 21		

RUPASOVA, ZH. A. Moistening of Mountain Light-Chestnut Soils of Extracontinental Regions of Tien-Shan and Altai Mountains, (In Russian), W74-06341 7-12 2G	RUSSELL, C. R. Mercury Removal from Waste Water with Starch Xanthate-Cationic Polymer Complex, W74-04541 7-09 5D	RUSSO, T. N. Indicators of Organic Contamination in Planta- tion Canal, Broward County, Florida, 1971-72, W74-12070 7-23 5B
11/4-00541	RUSSELL, C. S.	RUST, R. H.
RUPKE, J. W. G. Design Considerations in the Implementation of Ontario's Phosphorus Removal Programme, W74-08852 7-17 5D	Application of Microeconomic Models to Regional Environmental Quality Management, W74-05627 7-11 6A	Detecting Saline Soils in the Red River Valley, Minnesota, by Remote Sensing Techniques, W74-05519 7-11 7B
	RUSSELL, D. A.	RUSTEN, D.
RUPPERT, R. W. Interbasin Transfer or Migration: An Economic Analysis of Two Responses to Ground Water Depletion, W74-02323 7-05 4B	A Self-Draining Subsurface Rainfall Conserva- tion System: Its Effect on the Soil Water Status and Productivity of Coastal Plains Sands, W74-02193 7-05 2G	Pollution of the Drammens River by the Wood- Processing Industry (Treforedlingsindustriens utslipp til Drammensvassdraget), W74-08428 7-16 5B
W 74-02323 7-03 4B	DUCCELL D. C.	
RUSANOVICH, YU. I.	RUSSELL, D. G.	RUSTON, G. H.
Additional Purification of Chemically Treated Effluents (Doochistka Khimicheski obrabotan-	Pressure Buildup and Flow Tests in Wells, W74-10092 7-19 8B	Valves, Hydrants, and Main Line Meters, W74-05014 7-10 5F
nykh stochnykh vod),	RUSSELL, E. C.	
W74-03071 7-06 5D	RPC Division, Midland-Ross Corp. 10-Gallon-	RUTH, E.
	Per-Minute Liquid/Liquid Separator,	Carbonate Compensation Depth: Relation to
RUSCHENBURG, E.		Carbonate Solubility in Ocean Waters,
Process for Treating Waste Water from Indus-	W74-12009 7-23 5G	
		W74-08582 7-16 2K
trial Processes,	Separation and Recovery Systems, Inc., 100-	
W74-10584 7-20 5D	Gallon-Per-Minute Oil/Water Separator,	RUTH, G. W.
	W74-10248 7-19 5G	A Total Process Approach to Water and Waste
RUSCHMEYER, O. R.		Management in an Expanding Fine Paper Mill,
The Distribution, Composition and Biomass of	RUSSELL, E. E.	W74-12407 7-23 5D
the Crustacean Zooplankton Population in	Acker Lake Landslide, Monroe County, Mis-	7-23 30
Western Lake Superior,		RUTHERFORD, J. C.
W74-01109 7-03 5C	sissippi,	
	W74-04862 7-10 2J	Simulation of Water Quality in Tarawera River,
RUSH, F. E.	A- F	W74-08308 7-16 5B
Water-Resources Appraisal of Fish Lake Val-	An Evaluation of Subsurface Techniques For	
ley, Nevada and California,	Aquifer Prediction in Complex Sedimentary	RUTTAN, D.
W74-02616 7-05 2A	Systems,	The Determination of Heavy Metals in
W 74-02010 7-03 2A	W74-10533 7-20 2F	Domestic Sewage Treatment Plant Wastes,
RUSH, R. J.		W74-07763 7-15 5A
Phosphorus Removal Treatability Studies at	RUSSELL, G.	7-15 54
	Effect of Chelation on Toxicity of Copper,	RUTTER, N. W.
C.F.B. Bordon, Petawawa, Trenton and	W74-06048 7-12 5C	
Uplands,		A Geoecological Terrain Analysis of Discon-
W74-07273 7-14 5D	RUSSELL, O. R.	tinuously Frozen Ground in the Upper Macken-
	Fracture Mapping and Strip Mine Inventory in	zie River Valley, Canada,
RUSHFORTH, S. R.	the Midwest by Using ERTS-1 Imagery,	W74-04354 7-09 2C
An Ecological Survey of the Algae of Hunting-	W74-02571 7-05 7B	
ton Canyon, Utah,	W14-02511 1-05 1B	RUZICKA, J.
W74-13469 7-24 5C	RUSSELL, P. A.	Selectrode - the Universal Ion-Selective Elec-
	Frazer Lake Sockeye Investigations, 1970,	trode. Part VI. The Calcium (II) Selectrode Em-
RUSHTON, K. R.	W74-00232 7-01 8I	ploying a New Ion Exchanger in a Nonporous
Aquifer Analysis Using Backward Difference	W 14-00232 /-01 81	Membrane and a Solid-State Reference
Methods,	RUSSELL, R.	System.
W74-13012 7-24 4B		
	Macrobenthos as Indicators of Ecological	W74-06764 7-13 5A
Critical Analysis of the Alternating Direction	Change,	Coloredo do Unio 12 C.L.
Implicit Method of Aquifer Analysis,	W74-10534 7-20 5B	Selectrode - the Universal Ion-Selective Elec-
W74-07154 7-14 2F		trode. Part VII. A Valinomycin-Based Potassi-
	RUSSELL, R. C. H.	um Electrode with Nonporous Polymer Mem-
Extensive Pumping from Unconfined Aquifers,	Similarity in Sediment Transport Due to	brane and Solid-State Inner Reference System,
W74-05336 7-10 4B	Waves,	W74-06765 7-13 5A
	W74-04755 7-09 2J	
RUSIN, I. N.		RUZICKA, J. A.
Problem of Calculating Depth of the Quasiu-	RUSSELL, R. J.	Aluminum in Fluoridated Drinking Water:
niform Layer of the Ocean (K voprosu o	Beach Cusps,	Analytical and Physiological Problems,
raschete tolshchiny kvaziodnorodnogo sloya	W74-01180 7-03 2J	
okeana),		W74-06164 7-12 5A
W74-07506 7-14 2A	South American Marine Energy,	Influence of Water Istake on the Dears of Is
17-14 ZA	W74-01181 7-03 8A	Influence of Water Intake on the Degree of In-
RUSNAK, G. A.	7 00 011	cisor Fluorosis and on the Incorporation of
The Role of Shell Material in the Natural Sand	RUSSELL, S. O.	Fluoride into Bones and Incisor Teeth of Mice,
Replenishment Cycle of the Beach and	Use of Decision Theory in Reservoir Opera-	W74-05246 7-10 5C
	tion,	
Nearshore Area Between Lake Worth Inlet and	W74-09478 7-18 4A	RUZICKOVA, J.
the Miami Ship Channel,	#74-03476 /-18 4A	Ultratrace Analysis (Below p.p.b.) by Coupling
W74-03610 7-07 2L	RUSSO, G.	Centripetal Thin-Layer Chromatography and
	RUSSU, U.	the same of the same of the same

RUSS, O. G. Venice Mallow Competition in Soybeans, W74-06077 7-12 3F

RUSSEL, R. J.
Topographic Changes in the Surf Zone Profile,
W74-03609 7-07 2J

W74-02999

The Effect of Heavy Metal on Protein Synthes-

7-21 5C

7-06 5D

is in Crustaceans and Fish,

RUSSO, R. D. Indirector Chlorinator,

7-01 5A

Gas Chromatography, W74-00255

W74-03582

Photochemistry of Bioactive Compounds. Kinetics of Selected s-Triazines in Solution,

RYABININ, A. I.

RYABININ, A. I. Arsenic and Antimony in the Tropical Zone of the Atlantic Ocean (Mysh'yak i sur'ma v tropicheskoy zone Atlanticheskogo okeana),	RYBAKOV, K. V. Filtration Mechanisms During the Removal of Contaminants from Nitric Acid, W74-10281 7-19 5D	RYTHER, J. H. Inorganic Nitrogen Removal in a Combined Tertiary Treatment-Marine Aquaculture System1. Removal Efficiencies,
W74-06309 7-12 2K		W74-10462 7-20 5D
RYABKOVA, R. M. Activated Sludge Microflora in Aeration Ponds for Secondary Purification of Pulp and Paper Mill Effluents (Issledovanie mikroflory aktiv-	RYBINA, V. V. Effect of Surface Wettability on Capillary Movement of Water in Soil (Vliyaniye smachivayemosti poverkhoosti na kapillyar-	RYZHOV, A. I. Some Data on Movement of Radiostrontium with Groundwater Current, W74-12040 7-23 5B
nogo ila aeriruemykh prudob po doochistke stochnykh vod tsellyulozno-bumazhnykh predpriyatii), W74-13425 7-24 5D	noye peredvizheniye vlagi v pochve), W74-11452 7-22 2G RYCROFT, D. W.	RYZHOV, S. N. Consumption of Water by the Cotton Plant at Different Concentrations of Soil Solution. (In
RYAN, J.	Anomalous Transmission of Water Through Certain Peats,	Russian),
Penetrability and Hydraulic Conductivity of Dilute Sulfuric Acid Solutions in Selected	W74-13014 7-24 2F Observations on the Soil-Water Regimes in a	W74-06236 7-12 3C RYZHOV, S. V.
Arizona Soils, W74-08765 7-17 2G	Drained Clay Soil,	Automatic Pumping Installations for Livestock Sections,
DAVANI E A	W74-00359 7-01 2G	W74-07864 7-15 8C
RYAN, J. A. Ecosystem Modeling of a Forested River Basin,	RYDEN, J. C. Potential of an Eroding Urban Soil for the Phosphorus Enrichment of Streams: I. Evalua-	RZAEV, G. A. The Effect of Soil Moisture on the Free Amino
W74-12294 7-23 2A	tion of Methods,	Acid Level in Winter Wheat, (In Russian), W74-08541 7-16 3F
Effect of Phosphate and Chloride Salts on Ammonification in Waterlogged Soils,	W74-03438 7-07 5B	DODUNGEA P
W74-03445 7-07 2G Nitrogen Transformations and Availability of	RYDER, P. D. Effects of Pumping from the Ohio River Valley	RZEWUSKA, E. Research on the Influence of Heavy Metals on the Development of Scenedesmus Quadricauda
an Anaerobically Digested Sewage Sludge in Soil,	Alluvium Between Carrollton and Ghent, Kentucky,	(Turp) Breb. Part I Mercury, W74-13477 7-24 5C
W74-13163 7-24 5B	W74-04155 7-08 4B	, S. ACKRLE
RYAN, J. E. Water Purification Apparatus,	Regression Techniques for Estimation of Sulfate in Streams Draining an Area Affected by Coal Mining,	Arrangement for Continuous Treatment of Pol- luted Liquids,
W74-07209 7-14 5D	W74-05125 7-10 5B	W74-12452 7-23 5D
RYAN, J. F. An Improved Method for Determination of Trace Quantities of Phenols in Natural Waters, W74-12930 7-24 5A	RYDER, R. B. Contour Map of the Bedrock Surface, Ellington Quadrangle, Connecticut,	SAAD, M. A. H. Distribution of Phosphates in Lake Mariut, a Heavily Polluted Lake in Egypt, W74-08881 7-17 5B
RYAN, J. J.	W74-12631 7-23 7C	Effect of Pollution on the Blood Characteristics
Marine Geology and Estuarine History of Mo- bile Bay, Alabama: Part 1. Contemporary Sedi-	Contour Map of the Bedrock Surface, Glaston- bury Quadrangle, Connecticut, W74-12630 7-23 7C	of Tilapia zillii G., W74-03591 7-07 5C
ments, W74-07248 7-14 2L		Influence of Organic Pollution on Lake Mariut,
RYAN, J. L.	RYERSON, D. E. Ecological Impacts: Part IIWildlife and	A Highly Eutrophicated Lake South of Alexandria,
The Technology of Tritium Fixation and Storage,	Biocommunities, W74-06444 7-12 3B	W74-11283 7-21 5C
W74-07789 7-15 5D		SAARI, R. V. J. Method and Apparatus for Distilling Fresh-
RYAN, N. G. AND Potential Use of Airborne Dual-Channel In-	Ecological Impacts: Part 1Range and Range Livestock production, W74-06443 7-12 3B	water from Seawater, W74-05901 7-11 3A
frared Scanning to Detect Massive Ice in Per-		SAATHOFF, M.
mafrost, W74-04403 7-09 7B	RYHAGE, E. R. Molecule Separator, W74-10491 7-20 8A	Investigations on the Viability of Trichomonas Vaginalis in Tap Water and Public Swimming
RYAN, R. B. Potential Use of Airborne Dual-Channel In- frared Scanning to Detect Massive Ice in Per-	RYKBOST, K. A.	Pools, (in Russian), W74-11193 7-21 5B
mafrost, W74-04403 7-09 7B	Integrated Systems for Utilizing Waste Heat from Steam Electric Plants, W74-09920 7-19 5D	SABELEV, G. I. Calculation of Heat Transfer in Turbulent Flow
RYAN, T. H.	RYMAN, N.	with Allowance for Secondary Flow, W74-02904 7-06 8B
Investigation of the Factors Affecting the Response Time of a Calcium Selective Liquid	Methylmercury-Induced Chromosome Damage	SABELS, B. E.
Membrane Electrode,	in Man, W74-12503 7-23 5C	Digital Interactive Image Analysis by Array Processing,
W74-05304 7-10 2K	RYNER, P. C.	W74-06657 7-13 7C
RYBAK, J. I. Spatial and Time Changes of Some Environ- mental Factors in the Pelagial of Mikolajskie	Water Zoning: The Management of Surface Ac- tivity on Lakes, Streams, Rivers and Bays,	SABET, M. A. Electrical Resistivity Soundings on the Coastal
Lake, W74-12155 7-23 2H	W74-06377 7-12 6B	Plain of Southeastern Virginia: A Feasibility Study,
	RYSTAD, B.	W74-00437 7-01 2F
RYBAKOV, A. I. State of Teeth in Children in the Focus of Endemic Fluorosis, (In Russian),	Heavy Metal Tolerance of Marine Phytoplank- ton. I. The Tolerance of Three Algal Species to Zinc in Coastal Sea Water,	SABINS, R. C. Aerator Head,
W74-11180 7-21 5F	W74-11329 7-21 5C	W74-12800 7-24 5D

SABOV, V. A.	SAFAROV, R. A.	SAILA, S. B.
Hygienic Evaluation of Surface Waters in the	Species and Quantitative Content of the Plank-	Biological Effects of Ocean Disposal of Solid
Transcarpathian Region, (In Russian),	ton and Benthos of the Aggel' Lake, (In Rus-	Waste,
W74-11171 7-21 5B	sian),	W74-03840 7-08 5C
	W74-12708 7-23 2H	
SABOVA, T.		Rhode Island Sound Dredge Spoil Disposal and
Current Problems in the Radioecology of Soils	SAFE, S. S.	Trends in the Floating Trap Fishery,
and Plants,	Exhaustive Chlorination as a Technique in the	W74-13081 7-24 5C
W74-11666 7-22 5B	Analysis of Aromatic Hydrocarbons,	
	W74-00080 7-01 5A	SAINI, G. R.
SACHAN, P. C. AND	W 14-00080 1-01 3A	Relationship Between Soil Oxygen Diffusion
Aspects of Colour Removal from Pulp and	SAFFER, M. J.	Rate and Yield of Oats in a Coastal Alluvial
Paper Mill Effluents,	A Computer Model for Predicting Nitrate and	Soil at Critical Salinity Level,
W74-04514 7-09 5D		W74-08094 7-15 3C
111111111	Other Solutes of Agricultural Drain Water,	
SACHOK, G. I.	W74-08280 7-16 5B	SAINT-JEAN, L.
Some Patterns of Variations in Average	CAPPERSON D. C.	A Study of the Communities of Invertebrates
Monthly River and Groundwater Levels in the	SAFFERMAN, R. S.	of Plants of Lake Chad: Preliminary Inquires,
Pripyat' Poles'ye Region (Nekotoryye	Phycoviruses,	(In French),
zakonomernosti izmeneniya	W74-12573 7-23 5C	W74-07538 7-14 2H
srednemesyachnykh urovney rek i podzemnykh	CAPID C D	
vod na territorii Pripyatskogo Poles'ya),	SAFIR, G. R.	SAINT, P. K.
W74-10263 7-19 4A	Application of ERTS-1 Data to Analysis of	Effects of Landfill Disposal of Chemical
117-10203	Agricultural Crops and Forests in Michigan,	Wastes on Groundwater Quality,
SACHS, I. B.	W74-01684 7-04 3F	W74-10278 7-19 5B
Fission Particle Tracks in Micas and Micaceous		
Vermiculites as Related to Chemical Weather-	SAFLEY, J. M. JR.	Hydrogeologic Framework for Deterioration in
ing and Cation Exchange Properties,	Precipitation Probabilities for East Tennessee,	Groundwater Quality,
W74-10214 7-19 5A	W74-10399 7-20 2B	W74-00569 7-02 5B
1717 JA		
SACHS, P. L.	SAGAL, A. A.	SAITO, M.
Aspects of the Distribution and Trace Element	On the Interaction Between Organophosphorus	A High-Speed Liquid Chromatograph with a
Composition of Suspended Matter in the Black	Inhibitors and Cholinesterase,	Flow-Spectrofluorimetric Detector and the Ul-
Sea,	W74-01794 7-04 5B	tramicro-Determination of Aromatic Com-
W74-11709 7-22 5B		pounds,
W/4-11/09	SAGAR, B.	W74-02397 7-05 5A
SACK, W. A.	Limits of Deterministic Predictability of Satu-	
Evaluation of the Bio-Disc Treatment Process	rated Flow Equations,	SAKAI, K.
for Summer Camp Application,	W74-12823 7-24 2F	Measurement of Environmental Pollution and
W74-01118 7-03 5D		Its Systemization,
	SAGER, R. A.	W74-10438 7-20 5A
SACKETT, W. M.	Galveston Bay Hurricane Surge Study: Report	
Baseline Concentrations of Light Hydrocar-	1. Effects of Proposed Barriers on Hurricane	SAKAMOTO, I.
bons in Gulf of Mexico,	Surge HeightsAppendix A, Calibration Tests,	Device for Removing a Sludge from a Surface,
W74-00073 7-01 5B	W74-08586 7-16 8B	W74-13249 7-24 5D
SACKMAUERA, M.	SAGER, R. A. AND	SAKATA, K.
The Use of an Electron Capture Detector for	Galveston Bay Hurricane Surge Study: Report	Decomposition of Nitrogen Compounds in
the Determination of Pesticides in Water,	2. Effects of Proposed Barriers on Tides, Cur-	Lake Mud in View of Nitrogen Isotope Ratios:
W74-11077 7-21 5A	rents, Salinities, and Dye Dispersion for Nor-	I. Analytical Method for Nitrogen Compounds
	mal Tide Conditions-Appendix B: Calibration	in Sediments,
SACKS, B. R.	tests,	W74-12733 7-23 2K
Recent Developments on Water Pollution	W74-04573 7-09 8B	
Legislation,		SAKENA, V. P.
W74-08895 7-17 5G	SAGOT, A. M.	Effects of Temperature on Growth and Sur-
	Organization of Field Tests and Evaluation of	vival of Laboratory Reared Larvae of the
SACKS, R. D.	Tricone Bit Performance Using Statistical	Scaled Sardine, Harengula pensacolae Goode
Preliminary Studies of the Shock Tube as an	Analysis and Sonic Logs,	and Bean,
Excitation Source for the Analysis of Selected	W74-04160 7-08 8G	W74-02899 7-06 5C
Trace Metals in Aqueous Media,	7-00 00	
W74-11913 7-22 5A	SAHNI, H. V.	SAKHAROVA, N. I.
	Distribution Pattern of Streptomycetes from	Changes of the Number of Bacterial Cells of
SADEK, S. E.	Flooded Ganges Water,	Different Morphological Groups in the Water
An Electrochemical Method for Removal of	W74-01980 7-04 5C	and Bottom Deposits of the Khakon Reservoir
Phosphates from Waste Waters,		as a Function of the Intensity of Development
W74-12209 7-23 5D	SAHOTA, S. S.	of Blue-Green Algae, (In Ukrainian),
SADYKOV, KH.	Studies with Dithizone. Part XXX. Complexes	W74-08505 7-16 5C
Microphytobenthos and Overgrowing Some	of Metals, with S-Methyldithizone and the	SAKHLEH, S. N.
	Methylation of Metal Dithizonates,	Sensitivity of Surface Runoff to Variations of
Reservoirs in Turkmenia, (in Russian),	W74-06122 7-12 5A	
W74-01758 7-04 5C		Watershed Parameters in Small Urban Areas-A Kinematic Model,
SAEED, M.	SAHU, B. K.	W74-06853 7-13 4C
The Influence of Rainfall on the Population of	Determination of Average Grain Sphericity in	H 14-00633 /-13 4C
Nematodes in Banana Field,	Granular Porous Media,	SAKKAS, J. G.
W74-01737 7-04 21	W74-10369 7-20 2J	Dam-Break Flood in a Prismatic Dry Channel,
7-04 21		W74-02311 7-05 8B

SAIGAL, K. K.
Urban Runoff by Linearized Subhydrographic

Method, W74-11890

SAEKI, H.

The Shoaling, Breaking and Runup of the Solitary Wave on Impermeable Rough Slopes, W74-03685 7-07 8B

Hydrodynamics of Surface Irrigation-Advance

Phase, W74-08384

7-22 2A

SAKO, F. F.

SAKO, F. F.		SALINAS, F. G.		SALVO, J. M.
Method and Apparatus for Separa	tion of	Identification of Large Masses of	Citrus Fruit	Tertiary Phosphorus Removal and Limiting
Sludge,		and Rice Fields in Eastern Spain,		Nutrient Studies at C.F.S. Lac St. Denis,
	-21 5D	W74-01668	7-04 3F	W74-10551 7-20 5D
SAKOU, T.		SALINAS, M. R.		CATV
The Salinity Regime and Exchange	Charac-	The Fish-Meal Industry of Iquique,		SALY, A.
teristics of a Shallow Coastal Bay Syste		W74-06477	7-12 3F	Nematodes in Dams of Zemplinska Sirava, (In
	-07 2L	W 74-00477	/-12 3F	Czech.), W74-00977 7-02 2I
		SALING, N. E. JR.		W 14-00911 1-02 21
SAKOVSKAYA, N. P.	Inma on	Environmental Policies of the Co	orps of En-	SALYAMON, G. S. AND
Forecasting the Maximum Level of Ice the Severnaya Dvina River at Arkh		gineers,		Determination of Microgram Quantities of
(Prognoz maksimal'nogo zatornogo		W74-06113	7-12 6G	Polyethylene Polyamines in Water, (In Rus-
vody r. Severnoy Dviny u g. Arkhangel		CATTRICED A C		sian),
	-10 2C	SALINGER, A. C. Survival of Vibrio Parahaemolytica	e in Oveter	W74-04701 7-09 5A
		Shellstock at Two Different Storag		
SAKSENA, N. C.		tures,	ge Tempera-	SALYER, I. O.
Designing for Future Expansion-Deve	elopment	W74-00616	7-02 5C	New Membrane Compositions for Desalination
of Ground Water in India, W74-03151	7-06 4B		. 02 50	of Water by Reverse Osmosis,
W /4-03131	-00 4B	SALLENGER, A.		W74-00158 7-01 3A
SAKSHAUG, E.		Environment, Water and Sec	liments of	SAMAAN, A. A.
Studies on the Phytoplankton Ecolog	y of the	Christiansted Harbor, St. Croix,		Quantitative Estimation of Bottom Fauna in
Trondheimsfjord. I. The Chemical Con	position	W74-06292	7-12 5C	Lake Mariut,
of Phytoplankton Populations,		CLINON P "		W74-02549 7-05 2H
W74-06545	7-13 5C	SALMON, R.	de for the	177 2273
SAKUMA, M.		Preliminary Evaluation of Metho		SAMANIEGO, R.
Application of Polyacrylamide to Pulp	Mill Rf.	Disposal of Tritiated Water from Stimulated Natural Gas Wells,	n Nuclearly	Effect of Flooding and Cropping on the
fluents (In Japanese),	Mill El-	W74-09837	7-19 5C	Changes in the Inorganic Phosphate Fractions
	7-09 5D	1174-03037	7-17 50	in Some Rice Soils,
		SALOMAN, C. H.		W74-12925 7-24 2G
SALAMA, O. A.		Fishes, Macroinvertebrates, and I	Hydrological	
Planning and Human Values - An Inq		Conditions of Uplands Canals in '	Tampa Bay,	SAMBIDGE, N. E. W.
the Phenomenon of Urban Growth and		Florida,		The Effect of Surplus Activated Sludge in
sibility of its Control through Water a Related Actions.	ind Land	W74-05916	7-11 5C	
	7-23 6B	SALOMONS, D.		W74-11248 7-21 5D
₩ /4-12334	7-23 OD	The Role of FAO in the Transfe	or of Weter	SAMESHIMA, K.
A Social Report - Man and Water, T	he Rela-	Resources Knowledge to Developin		Color of Pulp Industry Waste Liquors. III. The
tionship between Social Psychological	Systems	W74-00223	7-01 10A	
and Water Resources Development,		1174 00225	7-01 1071	Salts (In Japanese),
W74-04170	7-08 6B	SALOMONSON, V. V.		W74-04512 7-09 5D
SALAS-LA CRUZ, J. D.		ERTS-1 Applications in Hydrology	y and Water	
Expected Range and Adjusted R	ange of	Resources,		The Color of Waste Liquor from Pulp Industry.
Hydrologic Sequences,		W74-06362	7-12 7B	
W74-09908	7-19 4A	ERTS 1 Applications in Hudroles	u and Water	Metal Salts (2), (In Japanese),
		ERTS-1 Applications in Hydrology	y and water	W74-12924 7-24 5D
SALBERG, N.	TTinton.	Resources, W74-12062	7-23 7B	On Spent of Liquor Semichemical Pulping. Part
Lake Vattern. Outlines of Its Natural Especially Its Vegetation,	History,	W 74-12002	1-23 113	III. Toxicity Characteristics of SCP Spent
	7-23 5C	Regional Flood Mapping From Spa	ce,	Liquor and Reduction of the Toxicity (In
W/4-120/1	1.23 30	W74-09906	7-19 70	Japanese),
SALEEM, Z. A.				W74-09454 7-18 5C
Drawdown Distribution Due to Well		Water Resources,		
Coupled in Coupled Leaky Aquifers,	. Infinite	W74-01168	7-03 7C	SAMET, A.
Aquifer System,		SALTER, M. L.		Comparison of Gage and Radar Methods of
W74-02773	7-06 2F	An Investigation of Electro-Optica	Techniques	Convective Precipitation Measurement,
Method for Numerical Simulation of	Flow in	for the Analysis of Suspended Sedi		W74-01149 7-03 2B
Multiaquifer Systems,		W74-10407	7-20 21	CALLEDON NO. NO.
W74-00382	7-01 2F		, 20 2	SAMITOV, 10. 10.
		SALTONSTALL, C. W. JR.		Application of Nuclear Magnetic Resonance in
SALEH, Y. E. Competitive Saprophytic Coloniza	tion h.	Development of a Reverse Osmosi		
Competitive Saprophytic Coloniza Fusarium oxysporum F. Sp. vasinfectu		Wash Water Recycling in a Space	Environmen	W74-01789 7-04 5B
	7-13 3F	at 165 deg F,		Derivatives of Phosphacyclopentene,
		W74-08344	7-16 5D	W74-01791 7-04 5B
SALEM, A. B.		Research on Advanced Membranes	for Reverse	
Consolidation Characteristics of Dred	ging Slur-	Osmosis,		SAMITZ, M. H.
ries,	E 00 5:	W74-00318	7-01 3A	Chromium Complexes with Proteins and Mu-
W74-03847	7-08 5A			copolysaccharides and Their Relationship to
SALEM, E.	,	Research on Advanced Membranes	s for Reverse	
Water Treating Apparatus,		Osmosis, W74-11642	7-22 3A	W74-12519 7-23 5C

SALTZMAN, S.

W74-07628

The Surface Catalyzed Hydrolysis of Parathion on Kaolinite,

7-15 5B

SAMOILOVYCH, R. YE.

W74-08101

Use of Morshin Mineral Water in Disease of

the Liver and Biliary Tracts in Children, (in Ukrainian),

7-15 21

SALIM, A. Y.

Absorptiometric Determination of Trace Amounts of Sulphide Ion in Water, W74-04072 7-08 5A

SAMPERI, R.	SANDERS, D. C.	SANFORD, J. O.
Determination of Trace Amounts of C2-C5	Use of Waste Heat for Soil Warming in North	Soil Surface Roughness and Straw Mulch for
Acids in Aqueous Solutions by Gas Chromatog-	Carolina, W74-07000 7-13 5D	Maximum Beneficial Use of Rainfall by Corn on a Blackland Soil,
raphy, W74-05314 7-10 5A	W/4-0/000 /-13 3D	W74-03515 7-07 3F
W/4-03514 /-10 3A	SANDERS, H. L.	707 31
SAMPSON, R. L.	A Small Oil Spill,	SANFORD, T. H. JR.
High Temperature Electrodialysis, Phase IV,	W74-05578 7-11 5B	Water Resources of the Ruston Area, Loui-
W74-08070 7-15 3A	SANDERS, H. O.	siana, W74-01921 7-04 4E
SAMSBURY, M.	An Improved Chemical Delivery Apparatus for	W 14-01921 1-04 4E
Ecological Implications of Heavy Metal in Fish	Use in Intermittent Flow Bioassays,	SANFORD, W. C.
from the Severn Estuary,	W74-12272 7-23 7B	Effects of Cadmium Salts on the Reproductive
W74-11325 7-21 5C	SANDERS, K. E.	Potential of Male Rainbow Trout as Deter-
	Technical Basis for Interim Regional Tornado	mined by invivo and Invitro Techniques, W74-12204 7-23 5A
SAMSEL, G. L. JR.	Criteria,	W 14-12204 1-23 3A
Nutrient Factors Limiting Primary Productivity in Simulated and Field Antarctic	W74-10433 7-20 2B	SANFORD, W. W.
Microecosystems.	SANDERS, W.	An Ecological Study of Vellozia schnitzleinia,
W74-00069 7-01 5C	Literature on Mercury: Availability of English	Drought-Enduring Plant of Northern Nigeria,
	Translations,	W74-06768 7-13 2
SAMSONOV, O. I.	W74-01323 7-03 5A	SANGAL, S.
A Method of Forecasting the Building of a	CANDEDS W M III	Seasonal Effects in Flood Synthesis,
River Bar (Metod prognoza pereformirovaniy	SANDERS, W. M. III. The Carbon Cycle in Aquatic Ecosystems,	W74-09910 7-19 40
rechnogo bara),	W74-01801 7-04 5C	
W74-01388 7-03 2J	7-04 30	Seasonal Effects in Flood Synthesis,
SANABRIA, J. I.	A Physical Model for Simulation of Aquatic	W74-13298 7-24 40
Venezuelan Experience on the Transfer of	Ecosystems,	SANGAR, V.
Knowledge in Water Resources Engineering,	W74-06573 7-13 5C	Role of Algal and Fungal Polysaccharides in
W74-00213 7-01 10A	SANDERSON, E. W.	the Formation and Hydrolysis of Lake Sedi
	Public Groundwater Supplies in Boone County,	ments,
SANAK, J.	W74-11882 7-22 4B	W74-12656 7-23 50
PB-210 Concentration in Ice Measured at South		
Pole Station,	SANDERSON, R. B.	SANIN, M. V.
W74-06932 7-13 5A	Lakes of Oregon: Volume One, Clatsop,	Effects of Thermal Effluents on Biocenoses o
SANBORN, H.	Columbia, and Tillamook Counties, W74-06270 7-12 2H	Water Bodies (O kharaktere vliyaniya ter mal'nykh sbrosnykh vod na biotsenozy
Oxidation of Organic Matter in Sediments,	W/4-062/0 /-12 2H	vodoyemov),
W74-06528 7-13 5C	SANDHU, S. S.	W74-00842 7-02 50
7-13 30	Colorimetric Method for the Determination of	
SANBORN, J. R.	Arsenic (III) in Aquatic Environment,	Some Aspects of the Problem of Artificia
The Fate of Dieldrin in a Model Ecosystem,	W74-10984 7-21 5A	Desalination of Natural Waters of High Dis
W74-06170 7-12 5B	SANDIFER, P. A.	solved-Salts Content (Nekotoryye aspekt
CANCIER DIAZ M	Larvae of the Burrowing Shrimp, Upogebia Af-	problemy iskusstvennogo opresneniya prirod nykh vod povyshennoy mineralizatsii),
SANCHEZ-DIAZ, M.	finis, (Crustacea, Decapoda, Upogebiidae)	W74-08711 7-17 3/
Turgor Differences and Water Stress in Maize and Sorghum Leaves During Drought and	from Virginia Plankton,	7-17 32
Recovery,	W74-03303 7-07 2L	SANKARANARAYANAN, V. N.
W74-11191 7-21 2I	Mud Shrimp (Callianassa) Larvae (Crustacea,	Copper Content in the Inshore and Estuaring
	Decapoda, Callianassidae) from Virginia Plank-	Waters Along the Central West Coast of India,
SANCHEZ-LEYVA, R.	ton,	W74-11358 7-21 51
Water-Borne Transmission of	W74-03307 7-07 2L	SANKARY, M. N.
Chloramphenicol-Resistant Salmonella typhi in	CANDIER C.C.	Autecology of Atriplex polycarpa from Califor
Mexico,	SANDLER, S. S. Characteristics of Sea Ice, Lake Ice and Per-	nia,
W74-10906 7-21 5C	mafrost Using an Impulse Radar System,	W74-01259 7-03 2
SAND, P. H.	W74-12053 7-23 2C	CANDO D. I
Methods to Expedite Environment Protection:		SANKS, R. L.
International Ecostandards.	SANDNER, H.	Light Energized Oxidation of Organic Wastes, W74-10990 7-21 51
W74-13229 7-24 5G	Leech Communities (Hirudinea) in the Mazuri-	W 74-10990 7-21 31
	an and Bialystok Regions and the Pomeranian	SANNER, W. S.
Pollution SanctionsNew Alternatives to Civil	Lake District, W74-07542 7-14 5C	Energy from the Pyrolysis of Agricultura
Liability, W74-07123 7-14 5G	114 30	Wastes,
W/4-0/123 /-14 3G	SANDOVAL, F. M.	W74-10158 7-19 51
SANDAHL, J. E.	Deep Plowing and Chemical Amendment Ef-	SANTINI, R. E.
Floods in Minnesota,	fect on a Sodic Claypan Soil,	Design and Evaluation of a Vidicon Scannin
W74-09395 7-18 2E	W74-06598 7-13 3F	Spectrometer for Molecular Absorption an
CANDALOVA I WI	SANDY, J.	Atomic Emission Spectrometry,
SANDALOVA, L. YU.	Stratigraphy and Economic Geology of the	W74-11394 7-21 5
Organophosphorus Compounds Containing A	Coastal Plain of the Central Savannah River	SANTOS, C.
P-N-Bond, W74-01792 7-04 5B	Area, Georgia,	Prediction of the 1972 Managua, Nicaragua
W74-01792 7-04 5B	W74-01122 7-03 2J	Earthquake from Groundwater Changes, Ir
SANDERS, A. C.	SANE, M.	ferred Probability of Earthquakes in the City of
Methodology for Recovery and Identification	Advanced Sewage Treatment Pilot Plant for	Managua, Nicaragua, during the Summer of
of Enteropathogenic Escherichia Coli,	Davyhulme,	1973,
W74-06151 7-12 5A	W74-13290 7-24 5D	W74-04467 7-09 2

SANTOS-CAYADE, J.

SANTOS-CAYADE, J. River Response,	Ecological Survey of the Venezuelan Western Llanos: III. The Southern Part of the Barinas State, (In Spanish),	SASNER, J. J. JR. Biological Activity of a Cell Extract from the
W74-03785 7-08 2E	W74-13500 7-24 4A	Dinoflagellate, Amphidinium carteri, W74-05744 7-11 5C
SANTOS, U. DE. M.		
The Emission of Biogenic Hydrogen Sulfide	SARNTHEIN, M. Grain Size Studies on Turbidite Components	SASS, W.
from Amazonian Floodplain Lakes,	From Tyrrhenian Deep Sea Cores,	Nutrient Retention in Salt Marsh Plots Experi-
W74-12284 7-23 5B	W74-00100 7-01 2J	mentally Fertilized with Sewage Sludge, W74-10809 7-20 5C
SAPIK, D. B. AND	SARTOR, J. D.	7-20 30
Reconnaissance of the Ground-Water	Water Pollution Aspects of Street Surface Con-	SASSCER, D. S.
Resources of Cimarron County, Oklahoma,	taminants,	Mathematical Model of Tritiated and Stable
W74-04495 7-09 4B	W74-07418 7-14 5B	Water Movement in an Old-Field Ecosystem,
SAPIO, J. P.	SARTZ, R. S.	W74-07812 7-15 5B
A Universal Ion-Selective Electrode Based on	Effect of Forest Cover Removal on Depth of	Tritium Movement in an Old-Field Ecosystem
Graphite Paste, W74-06758 7-13 2K	Soil Freezing and Overland Flow,	Determined Experimentally,
W 14-00138 7-13 2K	W74-00610 7-02 2G	W74-05198 7-10 5B
SARFERT, F.	Effect of Grazing on Runoff from Two Small	SASSENBERG, P.
Quality of Berlin Surface Waters: Measuring	Watersheds in Southwestern Wisconsin,	Changes in Statistical Processing of Ground-
Scheme, (Das Gutemess Programm Der Ber- liner Oberflachengewasser),	W74-07525 7-14 4C	water Level Measurements (Wandlungen bei
W74-11252 7-21 5A	Larch Litter Removal has No Significant Ef-	der statistischen Aufbereitung von Grundwas-
	fect on Runoff,	serstandsmesswerten), W74-04247 7-08 2F
SARGENT, D. H.	W74-11071 7-21 2E	W74-04247 7-08 2F
A Planned Maintenance Management System for Municipal Wastewater Treatment Plants,	Snow and Frost Depths on North and South	SASTRI, V. S.
W74-08944 7-17 5D	Slopes.	Ligand Photooxidation in Copper (II) Com-
	W74-11724 7-22 2C	plexes of Nitrilotriacetic Acid. Implications for
SARGENT, J. W.	Soil Water Depletion by a Hardwood Forest in	Natural Waters, W74-01400 7-03 5B
Light Energized Oxidation of Organic Wastes, W74-10990 7-21 5D	Southwestern Wisconsin,	W 74-01400 7-03 3B
W 14-10990 7-21 3D	W74-00693 7-02 3B	SASTRY, G.
SARGENT, M. G.	SARUHASHI, K.	Irrigation NumberA New Technique to Evalu-
Synchronous Cultures of Bacillus subtille Ob-	Content of Plutonium in River Water in Japan,	ate Irrigation Advance Distance,
tained by Filtration With Glass Fiber Filters, W74-03599 7-07 5A	W74-08821 7-17 5B	W74-08266 7-16 3F
W/4-03377		SATCHELL, R. L. H.
SARGSYANTS, N. A.	SARUKHANYAN, E. I. Nature of Seven-Year Cycles in Long-Term	Artificial Recharge in United Kingdom with
Some Characteristics of Fluoride Migration in	Fluctuations of Volga Runoff (O prirode	Special Reference to London Basin,
Groundwater of Moldavia (O nekotorykh	semiletney tsiklichnosti v mnogoletnikh	W74-03225 7-07 4B
osobennostyakh migratsii ftora v podzemnykh vodakh Moldavii).	kolebaniyakh stoka Volgi),	SATDYKOV, SH. I.
W74-05016 7-10 2K	W74-01727 7-04 2E	A Study of Bdellovibrio Bacteriovorus as a
C. 75C C	SARWAR, M.	Biologic Factor of Self Purification of Water
SARIG, S. Fisheries and Fish Culture in Israel in 1971,	Microdetermination of Resorcinol in Presence	Bodies, (In Russian),
W74-01570 7-03 6B	of Phenol, W74-07580 7-14 5A	W74-10204 7-19 5C
		SATO, H.
SARKAR, R. K.	Microdetermination of Thiocyanates with N-	Observations on Gambusia affinis Introduced
On the Automatic Computation of Geoelectric Sounding Curves,	Bromosuccinimide Using Bordeaux Red as an Indicator.	into Tokushima as a Natural Enemy of
W74-05129 7-10 7C	W74-05443 7-11 5A	Mosquitoes, (In Japanese), W74-07048 7-13 5G
		W/4-0/046 /-13 3G
SARKKA, J. The Bottom Macrofauna of the Oligotrophic	SASA, M. Observations on Gambusia affinis Introduced	SATO, K.
Lake Konnevesi, Finland,	into Tokushima as a Natural Enemy of	Multi-Stage Flash Distillation Plant,
W74-01287 7-03 5C	Mosquitoes, (In Japanese),	W74-09174 7-17 3A
	W74-07048 7-13 5G	SATO, M.
SARMA, P. B. S. Comparison of Rainfall-Runoff Models for	SASAKI, S.	Distribution and Standing Crops of
Urban Areas,	Water Purifying Device,	Chironomid-Larvae in Shiozu Bay of Lake
W74-07463 7-14 2A	W74-10492 7-20 5D	Biwa (In Japanese),
a. Brancino a	SASAKI, T.	W74-07101 7-14 5C
SARMENTO, G. Ecological Survey of the Venezuelan Western	San Diego's Offshore Area,	SATO, S.
Llanos: IV. The Western Part of Apure State,	W74-02831 7-06 6F	Hepatic Tumors in the Guppy (Lebistes reticu-
(In Spanish),	SASAKI, Y.	latus) Induced by Aflatoxin B1, Dimethyl-
W74-13499 7-24 4A	Wave Decaying Due to Breaking,	nitrosamine and 2-Acetylaminofluorene, W74-06438 7-12 5C
SARMIENTO, G.	W74-03683 7-07 8B	W74-06438 7-12 5C
Ecological and Floristic Convergences Between	SASAKURA, T.	A Study of Critical Depth and Mode of Sand
Seasonal Plant Formations of Tropical and	Evaporating Method and Evaporating Ap-	Movement Using Radioactive Glass Sand,
Subtropical South America,	paratus,	W74-04752 7-09 2J
W74-00066 7-01 2I	W74-11396 7-21 3A	SATOMI, Y.
Ecological Survey of the Venezuelan Western	SASAMA, J.	On Environmental Factors of Eel Ponds:
Llanos: I. The Regional Ecological Units, (In	Measurement of Environmental Pollution and	Chemistry of Water and Soil and Plankton in
Spanish),	Its Systemization,	March and June 1967, (In Japanese), W74-02933 7-06 2H
W74-13355 7-24 6G	W74-10438 7-20 5A	W74-02933 7-06 2H

SATONAKA, S.	SAVAGE, R. P.	SAWYER, T.
Clarification of NSC Waste Liquor by Active Carbon, Etc., (In Japanese), W74-00785 7-02 5D	Longshore Currents at Nags Head, North Carolina, W74-04928 7-10 2L	Residues of Atrazine, Cyanazine, and Their Phytotoxic Metabolites in a Clay Loam Soil, W74-07585 7-14 SA
Clarification of NSSC Spent Liquor with Ac- tivated Sludge and Coagulants (in Japanese), W74-12946 7-24 5D	SAVAGE, T. Florida Mangroves as Shoreline Stabilizers, W74-07047 7-13 4A	SAXENA, B. Population Dynamics of Pond Zooplankton, I. Diaptomus pallidus Herrick,
	SAVAGE, W. E.	W74-01502 7-03 5C
SATTAROV, K. S. Closed Season Regulation for Table Fish in the Sukhandar'ya River Basin, (In Russian),	Waste water treatment, W74-07219 7-14 5D	Population Dynamics of Pond Zooplankton. II. Daphnia Ambigua Scourfield,
W74-04290 7-08 8I	SAVALAPPAN, K. N.	W74-06154 7-12 5C
SATTERWHITE, M. B.	Water Treatment Plant (1140 cu m/hr) for Su-	SAXENA, G. K.
Grass Response to Applications of Beef-Cattle	nabeda,	Effects of Subsurface Asphalt Layers on Corn
Feedlot Runoff,	W74-13329 7-24 5D	and Tomato Root Systems, W74-07447 7-14 3F
W74-09700 7-18 5D	SAVALL, V.	W 14-0/447 7-14 3F
SATTINGER, I. J.	Flotation Apparatus,	SAXENA, S. K.
Digital Land Use Mapping in Oakland County,	W74-09183 7-17 5D	Experimental Evaluation of Chemical Trans- port in Water-Saturated Porous Media: 1. Non-
Michigan,	SAVILLE, T. JR.	sorbing Media,
W74-06639 7-13 4A	An Approximation of the Wave Run-Up	W74-12306 7-23 2G
SAUCIER, W. J.	Frequency Distribution, W74-04740 7-09 2L	SAYLES, F. H.
Precipitation Variability Over North Carolina,	W/4-04/40 /-09 ZL	Triaxial and Creep Tests on Frozen Ottawa
W74-01111 7-03 2B	SAVINA, L. K.	Sand,
SAUER, V. B.	Long-Range Forecast of Duration of Ice Phenomena on the Danube River	W74-04386 7-09 2C
An Approach to Estimating Flood Frequency	Phenomena on the Danube River (Dolgosrochnyy prognoz prodolzhitel'nosti	SAYLES, J. A.
for Urban Areas in Oklahoma,	ledovykh yavleniy na r. Dunaye),	Floating Barrier,
W74-11998 7-22 4A	W74-05142 7-10 2C	W74-08025 7-15 5G
Flood Characteristics of Oklahoma Streams,	SAVINELL, A.	SAYLOR, J. H.
W74-11965 7-22 2E	Water Treatment System,	Currents at Harbor Beach, Michigan,
CATIFRIEDED D	W74-07979 7-15 5F	W74-04342 7-09 5B
SAUERHEBER, R. Uptake, Metabolism and Discharge of Poly-	SAVINI, J.	Modification of Nearshore Currents by Coastal
cyclic Aromatic Hydrocarbons by Marine Fish,	Urban Growth and the Water Regimen.	Structures,
W74-12262 7-23 5C	Hydrologic Effects of Urban Growth,	W74-04341 7-09 8B
SAUL, G. W.	W74-01847 7-04 4C	SAYLOR, P.
The Agricultural Use of Blackburn Sewage	SAVITSKY, A.	Analysis of Liquid-Waste Injection Wells in Il-
Sludge,	Analysis of Primary Aromatic Amines and	linois by Mathematical Models,
W74-10895 7-20 5D	Nitrite by Diazotization and Pyrolysis Gas Chromatography,	W74-07604 7-15 5B
SAUNDERS, D. F.	W74-05315 7-10 5A	SAYRE, W. W.
Evaluation of Commercial Utility of ERTS-A	CARTEEN W NO	Natural Mixing Processes in Rivers, W74-03790 7-08 5B
Imagery in Structural Reconnaissance for Minerals and Petroleum,	SAVVIN, Y. M. Collaboration of the U.S.S.R. and the U.S.A. in	W 14-03190 1-06 3B
W74-02567 7-05 7B	the Field of Hydraulic Engineering and Land	SBIKIN, YU. N.
	Reclamation,	Effect of Illumination and Water Temperature on Critical Flow Rates for Fish, (In Russian),
SAUTER, G. D.	W74-05076 7-10 6E	W74-06250 7-12 2I
The Interagency Conference on the Environ- ment - A Post-Conference Survey,	SAWABINI, C. T.	
W74-13118 7-24 6G	Effect of Compaction on Chemistry of Solu-	SCAIEF, C. C. III. Influence of Dietary and Injected Selenium on
CATIVACE DE CAINT MADO C AND	tions Expelled from Montomorillonite Clay Saturated in Sea Water,	Whole-Body Retention, Route of Excretion,
SAUVAGE DE SAINT MARC, G. AND Shore Transport. Formation of Sand Spits and	W74-00102 7-01 2J	and Tissue Retention of 75SeO3 () in the Rat,
Tombolos,	SAWINSKY, A.	W74-07708 7-15 5C
W74-04722 7-09 2J	Comparative Study of the Effect of Some	SCANVIC, J-Y.
SAVAGE, A. E.	Anion Active Detergents on the Reproduction	Capability of ERTS-1 Imergy to Investigate
Experimental Studies on Phytoplankton Suc-	of Listeria monocytogenes and Other Bacteria,	Geological and Structural Features in a Sedi- mentary Basin (Bassin Parisien, France),
cession in Cayuga Lake,	W74-05360 7-10 5C	W74-01695 7-04 3F
W74-02217 7-05 5C	SAWYER, C. N.	SCARAMELLI, A. B.
SAVAGE, E. S.	Nitrification and Denitrification Facilities, W74-06274 7-12 5D	Wastewater Treatment: Physical and Chemical
Deep-Bed Filtration,	W/4-062/4 /-12 3D	Methods,
W74-08784 7-17 5F	Nitrification and Denitrification Facilities.	W74-12934 7-24 5D
SAVAGE, J.	Wastewater Treatment, W74-12560 7-23 5D	SCARBOROUGH, E. N.
Population Changes in Enteric Bacteria and		Subsurface Asphalt Moisture Barriers in Sandy
Other Microorganisms During Aerobic Thermo-	SAWYER, D. L.	Soils,
philic Windrow Composting, W74-04908 7-10 5D	Ge(Li) Low Level in Situ Gamma-Ray Spec- trometer Applications,	W74-05412 7-11 4B
	W74-08886 7-17 5A	SCARBROUGH, L. W.
SAVAGE, J. E. Evaluation of Zinc Availability in Foodstuffs of		Sinkhole Problem Along Proposed Route of In-
Plant and Animal Origin,	SAWYER, F. Taste Thresholds of Halogens in Water,	terstate Highway 459, Near Greenwood, Alabama,
W74-07706 7-15 5C	W74-00119 7-01 5F	W74-05857 7-11 2F

SCARF, F.

SCARF, F.	SCHACHER, G. E.	SCHALLER, K. H.
Mapping Average Annual Surface Water	Experiments Supporting a Program of Warm	The Quantitative Determination of Chromium
Resources of the Hydrological Regions of Nel-	Fog Dispersal by Electrical Charge Injection,	in Urine by Flameless Atomic Absorption
son, New Zealand,	W74-13216 7-24 3B	Spectroscopy,
W74-02290 7-05 2E		W74-05291 7-10 5A
W 14-02270	SCHACHTE, J. H. JR.	
SCARINGELLI, F. P.	A Short Term Treatment of Malachite Green	SCHALLOCK, E. W.
Determination of Total Mercury in Air by	and Formalin for the Control of	Low Winter Dissolved Oxygen in Some
Charcoal Adsorption and Ultraviolet Spec-	Ichthyophthirius Multifiliis on Channel Catfish	Alaskan Rivers,
trophotometry,	in Holding Tanks,	W74-10546 7-20 5B
W74-11363 7-21 5A	W74-12269 7-23 5G	SCHALSCHA, E. B.
		Effect of Phosphate Salts as Saturating Solu-
SCARLATA, V.	SCHACKE, G.	tions in Cation-Exchange Capacity Determina-
Study on the Toxicity on Fishes and the	The Quantitative Determination of Chromium	tions.
Biodegradability of the Paper-Mill Wastes, in	in Urine by Flameless Atomic Absorption	W74-08285 7-16 2G
Relation to the Biocides Used,	Spectroscopy,	
W74-12419 7-23 5C	W74-05291 7-10 5A	SCHAMACH, S.
CCADIATO O A	SCHAD, T. M.	Flood Studies,
SCARLATO, O. A.	Findings of the National Water Commission,	W74-01061 7-02 8A
Method for Indirectly Defining Optimum Tem-	W74-00812 7-02 6A	
peratures of Inhabitancy for Marine Cold-	7-02 071	SCHAPER, W.
Blooded Animals, W74-11487 7-22 5C	Legislative History of Federal River Basin	Modern Waste Water Treatment and
W74-11487 7-22 5C	Planning Organizations,	Processing Techniques in the Paper and Board
SCATEGNI, P.	W74-10520 7-20 6E	Industry (Moderne Abwasseraufbereitungs-und
Experiences with the Correction of Disordered		Verfahrenstechnik in der Papier- und Kartonin-
Streams of the Alpine Type, (In Italian),	SCHADEWALD, P. T.	dustrie),
W74-04276 7-08 4D	The Food Habits and Age and Growth of Gol-	W74-04517 7-09 5D
700 42	deye, Hiodon alosoides (Rafinesque), in Beaver	SCHAREN, H.
SCAVIA, D.	Creek, Lake Oahe, North Dakota, 1971-72,	Development of a Monitor for Recycle of
Aquatic Modeling in the Eastern Deciduous	W74-07474 7-14 8I	Waste Water,
Forest Biome, U.SInternational Biological	SCHAEFER, D. G.	W74-10037 7-19 5D
Program,	Mean Precipitation and Snowfall Maps for a	
W74-06572 7-13 5C	Mountainous Area of Potential Urban Develop-	SCHARF, B. W.
	ment,	Experimental Ecological Investigations of
SCEVA, J. E.	W74-09612 7-18 2C	Chironomus thummi and Chironomus piger
Water Quality Consideration for the Metal Min-	W/4-03012 /-10 2C	(Diptera, Chironomidae). (Experimentell-
ing Industry in the Pacific Northwest,	SCHAEFER, E. D.	okologishe Untersuchungen an Chironomus
W74-12085 7-23 5G	Temperature and the Toxicity of Chromate and	thummi und Chironomus piger (Diptera,
SCHAAF DAVID	Arsenate to the Rotifer, Philodina Roseola,	Chironomidae),
SCHAAF, DAVID	W74-06172 7-12 5C	W74-02963 7-06 5C
Preliminary Study to Investigate Feasibility of Desalting Ground Water in North Dakota,		SCHARFF, J. P.
W74-08066 7-15 3A	SCHAERER, P. A.	Study of Chelated Mixtures of Ferric Ions with
17-13 3A	Observations of Avalanche Impact Pressures,	Nitrilotriacetic, Sulfo-5-Salicylic and
SCHAAKE, J. C.	W74-02747 7-06 2C	Pyrocatechol-3,5-Disulfonic Acids, (In French),
A Bayesian Approach to Hydrologic Time Se-	SCHAFER, C. T.	W74-01440 7-03 5A
ries Modeling,	Distribution of Foraminifera Near Pollution	
W74-11456 7-22 6A	Sources in Chaleur Bay,	SCHASTNAYA, A. S.
	W74-03596 7-07 5B	Gray Forest Soils in the Spruce-Fir Forests in
Methodology for Assessing the Potential Im-	W14-03370 1-07 3B	the Sub-Ural Region (Vyatka-Kama Province),
pact of Urban Development on Urban Runoff	SCHAFER, D. C.	(In Russian),
and the Relative Efficiency of Runoff Control	The Right Chemicals are Able to Restore or In-	W74-07004 7-13 2G
Alternatives,	crease Well Yield, Part II,	SCHATZ F
W74-00001 7-01 2A	W74-10085 7-19 8G	SCHATZ, E. Waste Treatment Apparatus,
		W74-05889 7-11 5D
The Methodology of Bayesian Inference and	SCHAFER, H.	W 74-03669 7-11 3D
Decision Making Applied to Extreme	Experiences with a Fully Automatic Curve	SCHATZBERG, P.
Hydrologic Events,	Scanner,	Investigation of Sorbents for Removing Oil
W74-07601 7-15 2A	W74-11566 7-22 7C	Spills from Waters,
SCHAAKE, J. C. JR.	CCHAFED D D	W74-02636 7-05 5G
A General Purpose Simulation Model for Anal-	SCHAFER, R. D.	
ysis of Surface Water Allocation Using Large	Free Amino Acid Variations in the Anchovy, Engraulis Mordax (Girard) from the Los An-	Remote Sampler for Determining Residual Oil
Time Increments,	geles Coastal Area,	Contents of Surface Waters,
W74-09568 7-18 6A	W74-11294 7-21 5C	W74-00584 7-02 5G
7-16 UA	7-21 30	SCHAUMBURG, F. D.
Joint Use of Screening and Simulation Models	SCHAFFER, R. B.	Freeze Concentration of Toxic Pollutants for
in Multiobjective Plan Formulation,	Interim Effluent Guidance for NPDES Permits,	Bioassay,
W74-00177 7-01 6B	W74-13214 7-24 5G	W74-12349 7-23 5A
Circulation Colombia to Calabara and		
Simulation Criteria for Selecting Water	Refuse Act Permit Program,	SCHECHTER, R. S.

Shoreline Processes Near Barrow, Alaska: A Comparison of the Normal and the Catastrophic,

W74-10776

SCHALK, M.

W74-01193

7-18 6A

7-06 4A

5D

Oil 5G Oil 5G

for

7-15 8B

7-21 5A

SCHECHTER, R. S.

Reacting Acid, W74-07860

SCHEIDE, E. P.

W74-11003

Dissolution of a Porous Matrix by a Slowly

A Piezoelectric Sensor for Mercury in Air,

7-20 5G

7-03 2L

W74-09567

W74-02682

SCHAAKE, J. JR.

Resource System Alternatives,

Development of a Marginal Analysis Capability

for Water Resources Simulation Models,

SCHEIDEGGER, A. E.	SCHERER, C. R.	SCHICHT, R. J.
Hydrogeomorphology,	Studies in the Analysis of Metropolitan Water	Deep-Well Injection of Desalting-Plant Waste
W74-06891 7-13 2A	Resources Systems, Vol. VI Estimating Econo-	Brine,
	mies of Scale in Thermal Electric Power	W74-03250 7-07 5E
SCHEIN, Z.	Systems Subjected to Environmental Quality	
Rainfall Intensities in Israel,	Constraints,	Development in Deep Sandstone Aquifer Along
W74-05123 7-10 2B	W74-00002 7-01 6B	the Illinois River in La Salle County, W74-03163 7-06 4B
SCHEINER, D. M.	SCHERER, E. AND	W 14-03103 7-00 4B
Chromium Complexes with Proteins and Mu-	Apparatus for Recording Avoidance Move-	Pilot Scale Investigations of Well Recharge
copolysaccharides and Their Relationship to	ments of Fish,	Using Cored Samples,
Chromium Allergy in Sensitized Guinea Pigs,	W74-04776 7-09 5A	W74-03823 7-08 5D
W74-12519 7-23 5C		SCHICK, J. W.
	SCHERER, J. R.	Breaking of Oil-in-Water Emulsions,
SCHEINMAN, L.	Raman Spectra and Structure of Water from -	W74-12803 7-24 5D
The Nuclear Fuel Cycle A Survey of the	10 to 90 (degrees C), W74-13419 7-24 1A	W /4-12803 /-24 3D
Public Health, Environmental and National	W/4-13419 /-24 1A	SCHIDELER, G. L.
Security Effects of Nuclear Power, W74-08947 7-17 5C	SCHERFIG, J.	Evaluation of Textural Parameters as Beach-
W/4-0894/ /-1/ 3C	Effect of Phosphorus Removal Processes on	Dune Environmental Discriminators Along the
The Nuclear Safeguards Problem,	Algal Growth,	Outer Banks Barrier, North Carolina,
W74-08949 7-17 5C	W74-04552 7-09 5C	W74-10247 7-19 2L
7-17 50		
SCHEIRING, J. F.	SCHERLER, A.	SCHIEBE, F. R.
Habitat Distribution of the Shore Flies of	The Biological Purification of Paper Industry	The Use of Standard Bodies to Measure the
Northeastern Ohio (Diptera: Ephydridae),	Waste Waters (Die biologische Reinigung von	Cavitation Strength of Water,
W74-07556 7-14 5C	Restabwaessern der Papierindustrie),	W74-11034 7-21 8B
	W74-12421 7-23 5D	SCHIEFERDECKER, H.
SCHELHART, D.	Characterization of Sulfite Pulp Bleaching Ef-	Results of Monitoring for Tritium Incorpora-
Effect of Temperature of Incubation on Per-	fluents and Their Behavior During Biodegrada-	tion at the Karlsruhe Nuclear Research Center
formance of Media in the Detection of Enteric Pathogens,	tion (Abwassertechnische Charakterisierung	in 1971 and 1972, (Ergebnisse der Tritium-In-
W74-00646 7-02 5A	von Sulfitzellstoffbleicherei-Abwassern und	korporationsuberwachung im Kernforschung-
W 74-00040 7-02 3A	deren Verhalten beim biologischen Abbau),	szentrum Karlsruhe in den Jahren, 1971-1972),
SCHELHORSE, L. D.	W74-03073 7-06 5D	W74-05613 7-11 5A
The Market Structure of the Southern Califor-	Post of Pickerical Charles I Process Will	
nia Water Industry,	Dewatering of Biological-Chemical Paper Mill Waste Water Sludge with the 'System Hiller'	SCHIEFNER, K.
W74-10414 7-20 6B	KHD Centrifuge (Entwaesserung von	Information on the Recent Practice of Hygienic
	biologisch-chemischem Papierfabriksabwasser-	Qualifications of Surface Waters, (Tajekoztato
SCHELL, W. J.	Schlamm mit der KHD-Zentrifuge 'System	a Felszini Vizek Higienes Minositesenek Jelen-
Research on Advanced Membranes for Reverse	Hiller'),	legi Gyakorlatarol),
Osmosis,	W74 06303 7 13 6D	W74-11256 7-21 5G
W74-00318 7-01 3A		SCHIEMER, E. W.
Research on Advanced Membranes for Reverse	The Purification of Residual Waste Waters of	The CBI Pogo Stick Corer,
Osmosis.	the Sulfite Pulp Industry (Die Reinigung von	W74-06923 7-13 7B
W74-11642 7-22 3A	Restabwaessern der Sulfitzellstoff-Industrie),	
7 22 311	W74-05260 7-10 5D	SCHIEMER, F.
SCHELL, W. R.	SCHERR, B. A.	The Distribution of the Submerged
Physical Transport of Trace Metals in the Lake	Cost Sharing for Recreation: Efficiency and	Macrophytes in the Reedless Zone of the
Washington Watershed,	Fauity	Neusiedler Lake, (In German),
W74-09210 7-17 5B	W74-07307 7-14 6B	W74-12150 7-23 2H
CCHEICKE C I		SCHIFFMAN, A.
SCHELSKE, C. L. Limnological Survey of Lakes Michigan, Su-	SCHERTEL, M. E.	Energy Measurements in the Swash-Surf Zone.
perior, Huron and Erie,	Effect of Ascorbic Acid on Cadmium Toxicity	W74-02702 7-06 2E
W74-05067 7-10 5C	in the Young Coturnix,	7-00 ZE
7-10 SC	W74-07707 7-15 5C	SCHILL, G.
SCHENKER, M. S.	SCHERTLER, R. J.	Ion Pair Partition Chromatography of Organic
Saving a Dying Sea. The London Convention	Application of Thermal Imagery to the	Ammonium Compounds,
on Ocean Dumping,	Development of a Great Lakes Ice Information	W74-01496 7-03 5A
W74-10065 7-19 6E	System,	COUNTED E I
COURT C	W74-11784 7-22 7B	SCHILLER, E. J.
SCHER, S.		Vertical Mixing of Heated Fffluents in Open-
Photosynthetic Reclamation of Agricultural	ociioniz, p. c.	Channel Flow, W74-05822 7-11 5B
Solid and Liquid Wastes, W74-12647 7-23 5D	A Climatology of Cumulus Seeding Potential	7-11 3B
W 14-12047 7-23 3D	for the Western United States, W74-09222 7-17 3B	SCHILLER, R. E.
SCHERAGA, H. A.	1-17 3B	Experimental Studies of Beach Scour Due to

SCHERTZ, D. L.

W74-10330

SCHEUER, P. J.

W74-10094

SCHEURS, R. L. Water is Where You Find It,

Nitrate-N Accumulation in the Soil Profile under Alfalfa,

CHEUER, P. J.
Chemistry of Marine Natural Products,
7-05 5B

An Empirical Intermolecular Potential Energy

Structure of Liquid Water. II. Improved Statistical Thermodynamic Treatment and Implications of a Cluster Model, W74-13418

Structure of Liquid Water. Statistical Ther-

7-24 1A

Function for Water,

modynamic Theory,

W74-11106

W74-13417

7-10 2J

7-02 7C

Wave Action,

SCHILLING, E. G.

A Systematic Approach to the Analysis of Means. Part I. Analysis of Treatment Effects,

A Systematic Approach to the Analysis of

Means. Part II. Analysis of Contrasts. Part III.

Analysis of Non-Normal Data,

W74-05035

W74-00626

W74-03837

7-19 5B

7-19 8B

SCHILLINGER, G. R.

SCHILLINGER, G. R. Application and Operation of Slu-	dge Incinera-
tion, W74-02849	7-06 5E
SCHILSKY, S. W.	
Domestic Hot Water Systems, S ment Inhibits Corrosion of Galv	

W74-07850 SCHILT, A. A.

Solvent Extraction of Metal 1,10-Phenanthroline Complexes and Concentration of Trace Amounts of Metal Ions Prior to Spectrophotometric or Flame Photometric Determination,
W74-01354
7-03 5A

SCHIMKE, G. R.

Priminary System Development, Chemical Hazards Response Information System (CHRIS), W74-01092 7-02 5B

SCHIMMEL, S. C.

Effects of Aroclor 1254 on Laboratory-Reared Embryos and Fry of Sheepshead Minnows (Cyprinodon Variegatus), W74-13082 7-24 5C

SCHINDLER, D. W.

Acidification and Bubbling as an Alternative to Filtration in Determining Phytoplankton Production by the 14C Method, W74-01749 7-04 5A

Eutrophication and Recovery in Experimental Lakes: Implications for Lake Management,

W74-10294 7-19 5C
Eutrophication of Lake 227 by Addition of
Phosphate and Nitrate: The Second, Third, and

Phosphate and Nitrate: The Second, Third, and Fourth Years of Enrichment, 1970, 1971, and 1972, W74-04789 7-09 5C

Experimental Approaches to Limnology - An

Overview, W74-05498 7-11 5A

Production of Epilithiphyton in Two Lakes of the Experimental Lakes Area, Northwestern Ontario, W74-04787 7-09 5C

SCHINDLER, D. W. AND

Diurnal Variation of Dissolved Inorganic Carbon and its Use in Estimating Primary Production and CO2 Invasion in Lake 227,
W74-04784 7-09 5A

SCHINDLER, J. F.

Mercury Determinations in Natural Waters by Persulfate Oxidation, W74-11378 7-21 5A

SCHLADEBACH, D.

Experiences with Chemical Pre-Purification of Kraft Mill Waste Water with Magnesium Chloride Brine (Potassium Extraction Liquor) (Erfahrungen bei der chemischen Vorreinigung von Sulfatzellstoffabwasser mit Magnesiumchloridsole (Kaliendlauge), W74-05283 7-10 5D

SCHLAMM, N. A.

Effect of Helium Gas at Elevated Pressure on Iron Transport and Growth of Escherichia coli, W74-04897 7-10 5C

SCHLEE, J.

7-15 8G

Atlantic Continental Shelf and Slope of the United States-Sediment Texture of the Northeastern Part, W74-1237 7 7-23 2J

SCHLEICHER, A. R.

The Environmental Impact Concept, and Its Effect on the National Gas Industry, W74-09489 7-18 5C

SCHLESINGER, M. D.

Energy from the Pyrolysis of Agricultural Wastes, W74-10158 7-19 5D

SCHLICHT, R. C.

Selective Adsorption of Phenols from Solution in Water, W74-11063 7-21 5D

SCHLICHTING, E.

Water Recharge in a Soil with Shrinkage Cracks,
W74-00602 7-02 2G

SCHLOUGH, D. A.

Solid Manure Handling for Dairy Cattle, W74-10305 7-19 5D

SCHLUTER, A.

Nuclear Magnetic Resonance Relaxation Titration, W74-02402 7-05 2K

SCHMASSMANN, H.

Modification of Artificially Recharged Water in Switzerland, W74-03234 7-07 5B

SCHMELZ, D. V.

A Preliminary Description of the Physico-Chemical Characteristics and Biota of Three Strip Mine Lakes, Spencer County, Indiana, W74-07403

SCHMID, L.

Pilot Plant Demonstration of Lime-Biological Treatment Phosphorus Removal Method, W74-00155 7-01 5D

SCHMID, W.

An Economic Appraisal of Changes in Water Use Through Investments in Navigable Rivers and Canals, W74-05395 7-10 6A

SCHMIDT, D. C.

Metabolism and Biliary Excretion of Sulfobromophthalein by Rainbow Trout (Salmo Gairdneri), 7-03 5C

SCHMIDT, H.

Induction of Microsomal Liver Enzymes after Polychlorinated Biphenyls (PCB) and Following Stress, (In German), W74-00493

On Some Special Problems of Sulfite Pulp Waste Water Purification (Zu einigen speziellen

Waste Water Purification (Zu einigen speziellen Problemen der Sulfitzellstoff-Abwasserreinigung), W74-07386 7-14 5D

Proposal of a Simplified Manometric Method for Measuring Biochemical Oxygen Demand -- Results and Problems (Vorschlag einer vereinfachten manometrischen Methode zur Messung des biochemischen Sauerstoffbedarfs -- Ergebnisse und Probleme),
W74-00782 7-02 5A

Studies on Internal Reuse of Sulfite Evaporator
Condensates (Untersuchungen zur innerbetrieblichen Wiederverwending titablaugeneindampfkondensaten),
W74-09453 7-18 5D

SCHMIDT, K.

Experiences with Chemical Pre-Purification of Kraft Mill Waste Water with Magnesium Chloride Brine (Potassium Extraction Liquor) (Erfahrungen bei der chemischen Vorreinigung von Sulfatzellstoffabwaser mit Magnesiumchloridsole (Kaliendlauge), W74-05283

SCHMIDT, K. D.

Nitrates and Ground-Water Management in the Fresno Urban Area, W74-06367 7-12 5B

SCHMIDT, R. A.

Weather Conditions that Determine Snow Transport Distances at a Site in Wyoming, W74-00685 7-02 2C

SCHMIDT, R. G.

Use of ERTS-1 Images in the Search for Porphyry Copper Deposits in Pakistani Baluchistan, W74-01706 7-04 7C

SCHMIDT, R. L.

The Phosphorus Status of Eutrophic Lake Sediments as Related to Changes in Limnological Conditions--Total, Inorganic and Organic Phosphorus, W74-11131 7-21 5C

SCHMIDT, R. V.

Acidification and Bubbling as an Alternative to Filtration in Determining Phytoplankton Production by the 14C Method, W74-01749 7-04 5A

Eutrophication of Lake 227 by Addition of Phosphate and Nitrate: The Second, Third, and Fourth Years of Enrichment, 1970, 1971, and 1972,

W74-04789 7-09 5C

Production of Epilithiphyton in Two Lakes of the Experimental Lakes Area, Northwestern Ontario, W74-04787 7-09 5C

SCHMIDT, V.

Centrifuge Dewaters Sludge at Rate of 10 Tons Per Day, W74-00788 7-02 5D

SCHMIED, J.

Response of River Water to Biochemically Degradable Substances in Pulp Mill Waste Water (Odezva reky na biochemicky odbouratelne latky v odpadnich vodach z celulozek), W74-05431 7-11 5B

SCHMINCKE, H-U.

Antidune and Chute and Pool Structures in the Base Surge Deposits of the Laacher See Area, Germany, W74-03063 7-06 2J

SCHMITZ, W.

The Measurement of Mean Temperature on a Reaction Velocity Basis and its Application to Hydrology, W74-11539 7-22 7B Tidal Relations Along the Intracoastal Water-

Hydrogeologic Characteristics of the Valley-

Fill Aquifer in the Weldona Reach of the South

way, Palm Beach, County, Florida,

Pinch Valves Take Hold on the Industry,

W74-00328

SCHNEIDER, L.

W74-08363

W74-09236

SCHNEIDER, M. J.

Freshwater Ecology,

SCHNEIDER, P. A. JR.

7-01 5C

7-22 4B

7-13 2F

SCHMOLDT, A.

W74-00493

Alaska, W74-11982

W74-06889

W74-04052

SCHMOTZER, J. K.

tivation Analysis,

SCHMOLL, H. R.

ing Stress, (In German),

Induction of Microsomal Liver Enzymes after

Polychlorinated Biphenyls (PCB) and Follow-

Geology and Groundwater for Land-use Planning in the Eagle River-Chugiak Area,

Groundwater Tracing with Post Sampling Ac-

7-24 5A

7-06 2D

SCHOFIELD, W. R.

SCHOLANDER, E.

Bleaching Liquor,

ry, W74-09114

W74-12943

SCHOLL, D. G.

Lysimeter,

W74-02771

7-16 8A

7-17 5C

Stochastic Model of Dynamic Eutrophic Estua-

The Characterization of Spent Alkali/Oxygen

Unsaturated Flow Properties Used to Predict

Outflow and Evapotranspiration from a Sloping

W /4-00009 /-13 21	Platte River Valley, Colorado,	SCHOLL II E
SCHMULBACH, J. C.	W74-01142 7-03 4B	SCHOLL, H. F.
A Comparison of the Macroinvertebrate Auf-		Using Computers to Analyze Continuous Data, W74-01520 7-03 7C
wachs in the Unstabilized and Stabilized Mis-	SCHNEIDER, R. J.	W /4-01320 /-03 /C
souri River,	A Regional View on the Use of Land for	SCHOLTEN, R.
W74-11161 7-21 5C	Disposal of Municipal Sewage and Sludge,	Role of the Bosporus in Black Sea Chemistry
	W74-05969 7-12 5D	and Sedimentation.
An Ecological Study of the Missouri River		W74-12373 7-23 2L
Prior to Channelization,	SCHNEIDER, W. J.	
W74-07744 7-15 2I	Extent and Development of Urban Flood	SCHOLZ, D. C.
Seasonal Changes in the Drift and Benthic	Plains,	Settling Solids in Animal Waste Slurries,
Macroinvertebrates in the Unchannelized Mis-	W74-11492 7-22 4C	W74-10148 7-19 5D
souri River in South Dakota.	B 11	
W74-11160 7-21 5C	Problems in Modeling Urban Watersheds,	SCHOLZ, G.
	W74-09911 7-19 4C	Lateritic Deep Weathering of Granite,
SCHNACK, J. A.	SCHNIEWIND, M.	W74-05929 7-11 2G
Spatial and Seasonal Variations of the		COMPONED II I
Mesopleuston of the Yalca Pond (Province of	Practical Experience with Devices to Measure	SCHOONBEE, H. J.
Buenos Aires, Argentina), (In Spanish),	O2 Content, Turbidity, Solid Matter Content	An Investigation into Age and Length/Mass
W74-12399 7-23 2H	and Electrical Conductivity Used for Monitor-	Relationship of Tilapia Mossambica Peters
COUNTEDED	ing Water Quality in Rivers,	(Pisces: Chichlidae) in the Loskop Dam Reser-
SCHNEIDER, A.	W74-11548 7-22 5A	voir, Eastern Transvaal,
Contributions to the Knowledge of Biogenic	SCHNOCK C	W74-09754 7-18 81
Elements and Phtoplankton Associations	SCHNOCK, G.	Notes on the Condition Factor for Tilesia was
Dynamics in Frasinet Pond During November	Water Content in a Phytocoenosis, and Water	Notes on the Condition Factor for Tilapia mos- sambica Peters (Pisces:Cichlidae) in Loskop
1969-November 1970, (In Rumanian),	Budget of a Ecosystem; Oak-Forest of Virelles,	
W74-00727 7-02 5C	(In French),	Dam Reservoir, Eastern Transvaal,
Primary Production-Phytoplankton Relation-	W74-00474 7-01 2I	W74-09781 7-18 8I
ship in the Crapina-Jijila Complex in the Flood	CCHNVDED II	Notes on the Ratio Total Length/Scale Radius
Conditions of 1970, (In Rumanian),	SCHNYDER, H.	of Tilapia Mossambica Peters
W74-01015 7-02 2I	Mechanical-Biological Waste Water Purifica-	(Pisces:Cichlidae) in the Loskop Dam Reser-
1177 01013	tion Plant,	voir Eastern Transvaal,
Primary Productivity in the Crapina-Jijila Lake-	W74-08032 7-15 5D	W74-09768 7-18 8I
Complex (Danube Flooded Area) During	SCHOCK, R. N.	7-16 61
Severe Flooding,	High-Pressure Mechanical Properties of	SCHOPP, W. W.
W74-04194 7-08 5C		Pulsed D.C. Motor Speed Control for Portable
	Kayenta Sandstone,	Instrumentation.
SCHNEIDER, C. W.	W74-11662 7-22 8E	W74-04895 7-10 7B
North Carolina Marine Algae. II. New Records	SCHOEMAN, E. N.	
and Observations of the Benthic Offshore		SCHORN, B.
Flora,	The Toxicity of Some Detergents Tested on	The Development and Field Testing of a Basin
W74-03885 7-08 5A	Aedes Aegypti L., Lebistes Reticulatus Peters,	Hydrology Simulator,
SCHNEIDER C AND	and Biomphalaria Glabrata (Say),	W74-04984 7-10 2A
SCHNEIDER, G. AND Annual Consumption of Cesium-137 and	W74-13481 7-24 5C	
Cobalt-60 Labeled Pine Seeds by Small Mam-	SCHOEN, R.	SCHRADER, L. E.
mals in an Oak-Hickory Forest,		Response of Irrigated Corn to Time, Rate, and
W74-04450 7-09 5B	Argillization by Descending Acid at Steamboat	Source of Applied N on Sandy Soils,
17-04430 7-09 3B	Springs, Nevada,	W74-10338 7-19 3F
SCHNEIDER, J.	W74-12651 7-23 2K	
Lower Fungi as Test Organisms of Pollutants in	The Influence of Liquid Waste Disposal on the	SCHRAGE, M.
Sea and Brackish Water: The Effects of Heavy	Geochemistry of Water at the National Reactor	Greeffiella Moppa Sp. N. From the Skagerrak
Metal Compounds and Phenol on Thraus-	Testing Station, Idaho: 1952-1970,	(Nematoda, Desmoscolecidae), (In German),
tochytrium striatum (In German),		W74-00975 7-02 21
W74-02696 7-06 5C	W74-08962 7-17 5B	CCUDAMEL B
	SCHOENBERGER, R. J.	SCHRAMEL, P.
SCHNEIDER, J. J.	A Study of Incinerator Residue Analysis of	Determination of Eight Metals in the Interna-
Appraisal of the Water Resources of Eastern		tional Biological Standard by Flameless
Palm Beach County, Florida,	Water Soluble Components,	Atomic-Absorption Spectrometry,
W74-08445 7-16 4B	W74-10269 7-19 5B	W74-04868 7-10 5A
P#	SCHOENE, T. W.	SCHRAMM, G.
Effects on Water Quality in the Shallow	The Direct-Cycle Nuclear Gas Turbine with	Decision Making Under Uncertainty:
Aquifer due to the Operation of the Cross State	Economical Dry Air Cooling,	Economic Evaluation of Streamflow Forecasts.
Dump, Palm Beach County, Florida,	Economical Dry All Cooling,	Economic Evaluation of Streamflow Porecasts,

7-08 5D

W74-13044

W74-04230

SCHREIBER, D. L.

Juliani, J. I.		
SCHREIBER, D. L.	Tetraethyl Lead Dose Response Curve for Mortality in Laboratory Rats,	SCHUK, W. W. Physical-Chemical Nitrogen Removal from Mu-
Missouri River Hydrology (Streamflow and Temperature)Sioux City, Iowa to Rulo,	W74-07701 7-15 5C	nicipal Wastewater,
Nebraska, W74-10659 7-20 2E	SCHROER, F. W.	W74-06355 7-12 5D
W /4-10037	Solute Movement Through Disturbed and	SCHULERT, A. R.
SCHREIBER, H. A. Available Soil Water: Time-Distribution in a	Undisturbed Soil Cores, W74-06935 7-13 5B	Determination of Mercury in Biological Tis- sues,
Warm Season Rangeland,	SCHROT, J. R.	W74-06790 7-13 5A
W74-13403 7-24 2G	Method for Radiorespirometric Detection of	Maternal-Fetal Transfer of Organic and Inor-
Point Processes of Seasonal Thunderstorm Rainfall 2. Rainfall Depth Probabilities,	Bacteria in Pure Culture and in Blood, W74-04887 7-10 5A	ganic Mercury Via Placenta and Milk, W74-12495 7-23 5B
W74-09927 7-19 2B	SCHRUMPF, B. J.	SCHULTS, D. W.
Recording Water Use by Means of Digital	Natural Vegetation Inventory,	Uptake of Radiophosphorus by Rooted Aquatic
Equipment,	W74-01671 7-04 4A	Plants,
W74-10332 7-19 7B	SCHUBEL, J. R.	W74-05207 7-10 5C
SCHREUDER, H. T.	The CBI Pogo Stick Corer,	SCHULTZ, D. P.
Comparison of Three Methods of Estimating Surface Area and Biomass for a Forest of	W74-06923 7-13 7B	Monitoring 2,4-D Residues at Loxahatchee Na- tional Wildlife Refuge,
Young Eastern White Pine,	Distribution and Transportation of Suspended	W74-13326 7-24 5A
W74-12232 7-23 4A	Sediment in Upper Cheasapeake Bay, W74-07234 7-14 2L	CONTINUE E A
Temporal Changes in Biomass, Surface Area	W /4-0/234 /-14 2L	SCHULTZ, F. A. Anion Selectivity Studies on Liquid Membrane
and Net Production for a Pinus Strobus L.	Size Distributions of the Suspended Particles of	Electrodes,
Forest,	the Chesapeake Bay Turbidity Maximum, W74-03436 7-07 2L	W74-00650 7-02 5A
W74-12231 7-23 4A		SCHULTZ, R. W.
SCHRODER, L. J.	Some Comments on Seagrasses and Sedimenta- ry Processes,	Snowmelt Lysimeters Perform Well in Cold
Summary of Chemical and Radiochemical	W74-06922 7-13 2J	Temperatures in Central Colorado,
Monitoring of Water for the Cannikin Event, Amchitka Island, Alaska, Fiscal Year 1972,		W74-03067 7-06 2C
W74-00547 7-01 5B	Tidal Variation of the Size Distribution of Suspended Sediment at a Station in the Ches-	SCHULTZ, S. E.
Use of Hydrochemistry for Interpreting	apeake Bay Turbidity,	Base Civil Engineer Sanitary Laboratory, W74-10039 7-19 5D
Ground-Water Flow Systems in Central	W74-00525 7-01 2L	
Nevada,	SCHUBERT, C.	SCHULTZ, T. R.
W74-08453 7-16 2F	Striated Ground, A Type of Patterned Ground	Concentration and Distribution of Trace Ele- ments in the Maumee River Basin, Ohio, Indi-
SCHROEDER, E. D.	in the Periglacial Area of the Venezuelan Andes, (In Spanish),	ana and Michigan,
Cell Yield and Growth Rate in Activated	W74-04651 7-09 2G	W74-10084 7-19 5B
Sludge, W74-02960 7-06 5C	SCHUBERT, G. AND	SCHULZ-BALDES, J.
	Power Law Dependence on Time of River	The Common Mussel Mytilus Edulis as Indica-
Characterization and Treatability of Pomace Stillage,	Flood Decay and Its Relationship to Long-	tor for the Lead Concentration in the Weser Estuary and the German Bight, (Die
W74-01325 7-03 5A	Term Discharge Frequency Distribution, W74-04806 7-09 4A	Miesmuschel Mytilus Edulis Als Indikator Fur
CCUBARDED E E		Die Bleikonzentration im Weserastuar Und In
SCHROEDER, E. E. Estimating the Magnitude of Peak Discharges	SCHUBERT, J. S. Digital Analysis of Potomac River Basin ERTS	Der Deutschen Bucht), W74-12265 7-23 5B
for Selected Flood Frequencies on Small	Imagery: Sedimentation Levels at the Potomac-	
Streams in East Texas, W74-07664 7-15 2E	Anacostia Confluence and Strip Mining in Al-	SCHULZ-BALDES, M. Lead Uptake from Sea Water and Food, and
W/4-0/004 /-13 ZE	legheny County, Maryland, W74-02583 7-05 7B	Lead Loss in the Common Mussel Mytilus
Flood Stages and Discharges for Small Streams		Edulis,
in Texas, W74-05107 7-10 2E	SCHUBERT, R. H. W. Optimization of Surface-Water Quality: A	W74-11311 7-21 5C
	Proposal for Solving a Future Problem (In Ger-	Toxicity and Accumulation of Lead in the
SCHROEDER, H. A. Relation of Trace Metals to Human Health,	man),	Common Mussel Mytilus Edulis in Laboratory Experiment, (In German),
W74-09790 7-18 5C	W74-00994 7-02 5B	W74-00972 7-02 5C
	SCHUCK, E. M.	
SCHROEDER, N. C. The Vanadium and Selected Metal Contents of	Deep Well Submersibles are Growing, W74-03147 7-06 8C	SCHULZ, D. Contribution to the General Pathology of En-
Some Ascidians,	W/4-0314/	docardial Reactions: Toxic Endocardial Le-
W74-11353 7-21 5A	SCHUESSLER, R.	sions in Lower Vertebrates (Carp), (In Ger-
SCHROEDER, P. J.	Desalting the Seas: A Step Toward World Peace,	man), W74-05308 7-10 5C
Comparison Study of a 2.5 MGD Vertical Tube	W74-09167 7-17 3A	
Evaporator Upflow Versus Downflow, W74-11628 7-22 3A	SCHUETZ, R. D.	SCHULZ, R. K. A Kinetic Study of Ammonium and Nitrite Ox-
	Photochemistry of Bioactive Compounds.	idation in a Soil Field Plot,
Conceptual Design and Cost Estimate of a	Kinetics of Selected s-Triazines in Solution,	W74-07625 7-15 5B
Vapor Compression VTE/MSF Desalting Plant, W74-11630 7-22 3A	W74-03582 7-07 5A	SCHULZ, W. W.
	SCHUG, H.	The Endothermic Process-Application to Im-
SCHROEDER, T. The LD(50) Value of Tetraethyl Lead,	Method and Equipment for Desalination of Liquids,	mobilization of Hanford In-Tank Solidified Waste,
W74-07700 7-15 5C	W74-08038 7-15 3A	W74-08968 7-17 5D

SCHULZE, E. D. A New Type of Climatized Gas Exchange	An Experimental Irradiation Facility for the Sterilization of Sewage Sludge (Eine Ver-	SCHWARTZ, J. A Promising Approach to Solving a Stream Pol-
Chamber for Net Photosynthesis and Trans-	suchsbestrahlungsanlage Zur Hygienisierung	lution Problem,
piration Measurements in the Field,	Von Klaerschlamm),	W74-00164 7-01 5D
W74-01568 7-03 2I	W74-08198 7-16 5D	SCHWARTZ, M. L.
Stomatal Responses to Changes in Humidity in		Littoral Zone Tidal-Cycle Sedimentation,
Plants Growing in the Desert,	Humus Content on Measurements of Soil	W74-01192 7-03 2
W74-06241 7-12 21	Water by Neutron Gauges, (In German), W74-04556 7-09 2G	COMPARTS M. M.
Stomatal Responses to Changes in Temperature		SCHWARTZ, M. M. Weather Modification Operations in California
at Increasing Water Stress,	SCHUSTER, L. K.	October 1, 1969September 30, 1970,
W74-05366 7-10 21	Analysis of Existing Data from the San Diego Test Facility, Phase II Final Report,	W74-01947 7-04 3E
SCHULZE, H. A.	W74-11638 7-22 3A	COUNTY DESCRIPTION
Comparative Productivity Studies of Three		SCHWARTZ, R. The Lower Mississippi,
Mecklenburg Lakes (Lake Kummerow, Lake		W74-09959 7-19 50
Teterow and Lake Malchin), (In German),	Treatment of Swine Wastes,	W 14-03333
W74-02558 7-05 2H	W74-09684 7-18 5D	SCHWARTZ, R. J.
SCHULZE, J. A	SCHUSTER, W.	Biological Investigations of Noxious Coelen
Pesticides in Selected Western Streams - 1968		terates and Ctenophores in Coastal North
71,	Significance for Drinking Water as Food, (In	Carolina, W74-07479 7-14 2I
W74-06062 7-12 5A		W/4-0/4/9 /-14 21
Selected Water-Quality Records for Texas Sur		SCHWARTZBROD, L.
face Waters, 1971 Water Year,	SCHUTT, C. B.	Viruses and Water: II. General Review of the
W74-01086 7-02 70		Methods Available to Detect Viruses in Water
SCHULZE, R. H.	1969-1970,	(In French),
The Economics of Environmental Quality Mea	W74-11631 7-22 3A	W74-13360 7-24 5/
surement,	SCHUTTE, K. H.	SCHWARTZLOSE, R. A.
W74-09243 7-17 50		Near-Shore Circulation in the California Cur
SCHUMAKER, G. A.	Cape Proteas,	rent,
Soil Moisture Trends on Sagebrush Range	W74-02908 7-06 2D	W74-03624 7-07 21
lands,	SCHWAB, G. O.	SCHWARZ, F. K.
W74-04074 7-08 20		Meteorological Criteria for Extreme Floods for
SCHUMAN, G. E.	Agricultural Land into Lake Erie, Supplement	Four Basins in the Tennessee and Cumberlan
Nitrogen Losses in Surface Runoff from	Report, W74-05955 7-12 5B	River Watersheds,
Agricultural Watersheds on Missouri Valle		W74-12636 7-23 21
Loess,	Comparison of Drainage Methods in a Heavy-	SCHWARZ, F. P.
W74-06345 7-12 51		The Fluorescence Detection of Nitric Oxide,
Pollution of Air, Water and Soil by Livestock,	W74-10881 7-20 3F	W74-11004 7-21 5
W74-00135 7-01 50	Comparison of Strength Test Methods for Cor-	
	rugated Plastic Drainage Tubing,	SCHWARZ, J. Use of Systems Approaches in Plannin
Quality of Water Discharged from Tw Agricultural Watersheds in Southwestern Iowa		Israel's Water Resources Management,
W74-07528 7-14 51		W74-02352 7-05 6
	tured Soil,	
SCHUMANN, H. H.	W74-08088 7-15 5B	SCHWEERS, W.
Monitoring of Streamflow in the Verde Rive	Quality of Drainage Water from a Heavy-Tex-	Environmental Pollution Through Chemics Processing of Wood (Umweltbelastung durc
by ERTS-1 Data Collection System (DCS), W74-02594 7-05 71		holzchemische Prozesse),
17-05 //	W74-10346 7-19 5B	W74-11074 7-21 5
SCHUMM, S. A.	CONTRACTED D. T.	
Abrasion in Place: A Mechanism for Roundin and Size Reduction of Coarse Sediments i		SCHWEIKERT, E. A.
Rivers,	balance.	Determination of Lead Using Charged Particl Activation Analysis,
W74-05721 7-11 2	W74-09943 7-19 2C	W74-11349 7-21 5.
An Experimental Study of Drainage Basi Evolution and the Influence of Landforms o		Determination of Zinc and Nickel by Charge
Hydrologic Variables,	Microdiffusion Method,	Particle Activation Analysis, W74-12484 7-23 5
W74-09586 7-18 4	***************************************	W74-12484 7-23 5
	CONVERTY A V ID	SCHWEISHEIMER, W.
Experimental Study of River Incision,	SCHWARTZ, A. K. JR. Industrial Economic Model of Water Use and	Problems with Colored Papers: Are They
W74-05134 7-10 2	Waste Treatment for Ammonia,	Cause of Pollution, (Probleme mit farbige
Rivers as Dynamic Systems,	W74-13020 7-24 5D	Papieren: Sind sie eine Ursache vo
W74-02857 7-06 2	CCHWARTZ A M	Verschmutzung), W74-02255 7-05 5
SCHURGIN, A. S.	SCHWARTZ, A. M. The Development of Phosphate Free Heavy	
Lung Cancer Among Uranium Mine Workers,	Duty Detergents,	SCHWEITZER, S.
W74-08952 7-17 5		
CCHIDMANN C	CCHWADT7 F I	Flow in Porous Media, W74-06892 7-13 2
SCHURMANN, G. An Experimental Irradiation Facility for th	SCHWARTZ, F. J. Hydrographic Atlas of North Carolina	
Sterilization of Sewage Sludge,	Estuarine and Sound Waters, 1972,	On a Possible Extension of Darcy's Law,
W74-13442 7-24 5		W74-11472 7-22 2

SCHWENDEMAN, J. L.

SCHWENDEMAN, J. L.		SCOTT, C. D.	SCOTT, R. B.
New Membrane Compositions for De	esalination	High-Resolution Analyses of Refractory Or-	Reverse Osmosis-Neutralization Process for
of Water by Reverse Osmosis,		ganic Constituents in Aqueous Waste Ef-	Treating Mineral Contaminated Waters,
W74-00158	7-01 3A	fluents,	W74-08041 7-15 5D
SCHWENDIMAN, L. C.		W74-09226 7-17 5A	SCOTT, R. G.
Environmental Surveillance for Fue	I Fabrica-	Measurement of Molecular Organic Contami-	The Application of Ridge Regression Analysis
tion Plants.	1 I doned	nants in Polluted Water,	to a Hydrologic Target-Control Model,
W74-04451	7-09 5B	W74-12915 7-24 5A	W74-12286 7-23 2E
			m
SCHWITTERS, J. D.		SCOTT, D.	Elevation Dependent Model for Estimating An-
Calculation of a Solitary Wave Sho	aling on a	Effects of Dieldrin on Brown Trout in Field	nual Runoff, W74-02317 7-05 2A
Shallow Slope,		and Laboratory Studies,	W 14-02511 1-03 ZR
W74-03115	7-06 8B	W74-02979 7-06 5C	SCOTT, R. H.
SCHWOERBEL, J.		Observations on the Effect of Protein Intake	Inductively Coupled Plasma-Optical Emission
Adaptation to Ammonia in Situ by S	Submerged	and Stage of Gestation on the Proportion of	Analytical Spectrometry. A Compact Facility
Macrophytes.		Urinary Nitrogen Excreted as Urea in Sheep,	for Trace Analysis of Solutions,
W74-01759	7-04 5C	W74-00408 7-01 5B	W74-05309 7-10 5A
			SCOTT, T.
Hydrography, Chemistry and		SCOTT, D. R.	Microcultures of Brown Bullhead (Ictalurus
Nutrients of a Mountain Stream P	olluted by	Atomic Absorption Determination of Elemental	nebulosus) Cells: Their Use in Quantitation of
Organic Waste Water, (In German),		Mercury Collected from Ambient Air on Silver	Channel Catfish (Ictalurus punctatus) Virus and
W74-00499	7-01 5C	Wool,	Antibody,
Research on the Mettma Brook at I	Falkan (In	W74-11705 7-22 5A	W74-05323 7-10 5A
German),	dikau, (iii	SCOTT, D. S.	
W74-00497	7-01 5B	Use and Production of Iron Salts for	SCOTT, T. W.
		Phosphorus Removal,	A Study of Corn Response and Son Timogen
SCHWONKE, P. A.		W74-07269 7-14 5D	Transformations Upon Application of Different Rates and Sources of Chicken Manure,
Enzyme-Enhanced Turbidity Remove	al Through	7-14 30	W74-09701 7-18 5D
Primary Treatment,		SCOTT, H.	710 35
W74-00783	7-02 5D	Pollution Abatement and Unemployment. A	SCOTT, V. H.
SCHWOYER, W. L.		Methodological Study,	Mutual Interference of Water Wells,
Gravity Dewatering: Application to	Paper Mill	W74-01835 7-04 5G	W74-03154 7-06 8B
Wastes.	raper Min	OCOMM H P	SCOTTEN, L. N.
W74-04533	7-09 5D	SCOTT, H. D.	
	1-05 50	The Effect of Exclusion Volume on Poten-	W74-03716 7-07 6G
SCIFRES, C. J.		tiometric Nitrate Measurement, W74-08919 7-17 2G	W14-05/10
Dissipation and Phytotoxicity of	Dicamba	W/4-06919 /-1/ 2G	SCOTTON, J. B.
Residues in Water,		Self-Diffusion Coefficients of Selected Herbi-	Whistling Sand Beaches in the British Isles,
W74-02370	7-05 5B	cides in Water and Estimates of Their Trans-	
SCORIEI D. F. C.		mission Factors in Soil,	
SCOFIELD, F. C. Nuclear Power Plant Heat Rejection	in on Arid	W74-03778 7-08 5B	SCRIBNER, W.G. Trace Determination of Beryllium Oxide in
Climate,	in an Ariu		Biological Samples by Electron-Capture Gas
W74-02887	7-06 5D	SCOTT, J. C.	Chromatography,
177-02007	7-00 JD	Water Availability, Coosa County, Alabama,	W74-11389 7-21 5A
SCOFIELD, N. R.		W74-08188 7-16 4A	
Helminths of Sockeye Salmon (One	corhynchus	SCOTT I T	SCROGGIN, C. R.
Nerka) from the Kvichak River Syst	em, Bristol	SCOTT, J. T.	Carbon and Nitrogen as Regulators of Algal
Bay, Alaska,		The Development from Two-Dimensional to Three-Dimensional Turbulence Generated by	Glowin,
W74-12719	7-23 5C	Breaking Waves,	W74-06166 7-12 5C
SCOCCINE I B		W74-12996 7-24 2H	Measuring the Intangible Values of Natural
SCOGGINS, J. R.	of the	7-24 211	Streams, Part II, Preference Studies and
An Approach to the Determinati Variability of Wind Through the Use		SCOTT, K. M.	Completion Report,
Conservative Thickness FieldsCha		Erosion and Sediment Yields in Mountain	W74-05538 7-11 6B
a Compilation of Studies from A		Watersheds of the Transverse Ranges, Ventura	
Variability Experiment (AVE),	timospheric	and Los Angeles Counties CaliforniaAnalysis	SEABROOK, B. L.
W74-00855	7-02 2B	of Rates and Processes,	Financing Municipal Waste Water Treatment
		W74-12652 7-23 21	
A Compilation of Studies from A	tmospheric	Impact of Mining Convol from Unban Street	
Variability Experiment (AVE),		Impact of Mining Gravel from Urban Stream	Land Application of Wastewater,
W74-00851	7-02 2B	Beds in the Southwestern United States, W74-06374 7-12 40	W74 00423 7 19 5D
SCOPED D		W74-06374 7-12 4C	
SCORER, R. Nitrogen: A Problem of Decreasing I	Dilution	SCOTT, L. H.	Land Application of Wastewater with a Demo-
W74-08864	7-17 5B	Water Development and Urban Recreation,	graphic Evaluation,
11 / 4-00004	7-17 3B	W74-00446 7-01 6E	W74-05965 7-12 5D
SCORR, V. H.			SEABURN, G. E.
Modified Solutions for Decreasing	Discharge	SCOTT, M. S.	Appraisal of Operating Efficiency of Recharge
Wells,		Florida's Seaward BoundariesA Dilemma,	Basins on Long Island, New York, in 1969,
W74-00932	7-02 8B	W74-09281 7-18 6E	

SCOTT, P. R.

An Oil Recovery System Utilizing Polyurethane Foam--A Feasibility Study,
W74-07341 7-14 5G

7-14 5G

Influence of Recharge Basins on the Hydrology of Nassau and Suffolk Counties, Long Island, New York,
W74-13206 7-24 4B

SCOTT, B. J.

The Applications and Limitations of Deep Drill Stem Testing,
W74-12538

SEAGER, S. L.		SEESHOLTZ, J. R.	SEIKA, Y.
Environmental Chemistry: Air	r and Water Pol-	Wind Tunnel Measurements of the Wind Disturbance Field of a Model of the Buzzards	Device for Removing a Sludge from a Surface, W74-13249 7-24 5D
W74-04513	7-09 5B	Bay Entrance Light Tower, W74-04207 7-08 2L	SEIM, E. C.
SEAGRAN, H. L.		CEPUEDO B M	A Study of Factors Influencing the Nitrogen
Survey of Mercury Concentra		SEEVERS, P. M. Evaluation of ERTS-1 Imagery in Mapping and	and Phosphorus Contents of Nebraska Waters, W74-02151 7-05 5B
Lakes St. Clair, Erie, and Huro	on, 7-13 5B	Managing Soil and Range Resources in the	177-02151
W74-06775	/-13 3B	Sand Hills Region of Nebraska,	SEIM, W. K.
SEAGRAVES, J. A.		W74-01674 7-04 4A	Laboratory and Controlled Experimental
Water and Wastewater	Surcharges as		Stream Studies of the Effects of Kraft Ef-
Economic Incentives,		SEGAR, D.	fluents on Growth and Production of Salmonid Fish.
W74-05639	7-11 5G	Impact of a Power Plant on a Subtropical Estuarine Environment,	W74-02277 7-05 5C
SEAMAN, E. A.		W74-04189 7-08 5C	
Ecological and Environmental	Considerations.		SEITZ, H. R.
W74-01060	7-02 8A	SEGAR, D. A.	Suspended and Bedload Sediment Transport in the Snake and Clearwater Rivers in the Vicinity
		The Determination of Trace Transition Ele- ments in Biological Tissues Using Flameless	of Lewiston, Idaho,
SEARLES, R. B.	11 Mars Barrella	Atom Reservoir Atomic Absorption,	W74-04846 7-09 2J
North Carolina Marine Algae. and Observations of the I		W74-06132 7-12 5A	
Flora,	sentific Offshore		SEITZ, W. D.
W74-03885	7-08 5A	Trace Metals in Carbonate and Organic Rich	Economic Aspects of the Application of Mu-
	, 00 5.1	Sediments,	nicipal Wastes to Agricultural Land, W74-05983 7-12 5D
SEARS, G. F.		W74-06050 7-12 5A	W 14-03763
Controlled Solution Mining in		SEGINER, I.	SEITZ, W. R.
W74-05103	7-10 8B	Evaporation from Bare Soil in a Coastal En-	Chemiluminescence Analysis for Trace Pollu-
SEARS, J. R.		vironment,	tants, W74-06131 7-12 5A
Sublittoral Benthic Marine A	lgae of Southern	W74-08305 7-16 2D	W/4-06131 /-12 3A
Cape Cod and Adjacent		SEGOVIA, G.	Evaluation of a Microwave-Induced Plasma
dolithoderma Paradoxum	Sp. Nov.	Design Integrity and Performance Charac-	Spectrometer for Trace Analysis,
(Ralfsiaceae, Ectocarpales),		teristics of Helical Tubular Module Elements in	W74-06841 7-13 5A
W74-01350	7-03 5A	Reverse Osmosis Plants,	Evaluation of Flame Emission Determination
SEBASTIO, C.		W74-00319 7-01 3A	of Phosphorus in Water,
Health Aspects of Fish Produ	acts from Polluted	SEGUIN, L. R.	W74-01116 7-03 5A
Water,		The Use of Sodium Cyanide as a Fish Eradi-	CONTARA TACONTARANIA
W74-00979	7-02 5C	cant in Some Quebec Lakes,	SEKARAJASEKARAN, A. Water Pollution and Environmental Health,
CECUIED D W		W74-12696 7-23 8I	W74-08479 7-16 5G
SECKLER, D. W. Economic Growth and Envir	ronmental Decay:	SEGUY, L.	
The Solution Becomes the Pro		Rainfed Rice in Southern Senegal: Evaluation	SEKERKA, I.
W74-03492	7-07 6B	of Three Years' Experimentation (1966-1969),	Automation of Direct Potentiometry, W74-06133 7-12 5A
		(In French),	W /4-00133 /-12 3A
SEDAM, A. C.	***	W74-04829 7-09 3F	SEKI, H.
Hydrogeology of the Pottsv	ille Formation in	SEHGAL, P.	Ecological Characteristics of Go-No-Ike Lake,
Northeastern Ohio, W74-13015	7-24 7C	Food and Feeding Habits of Mahaseer, Tor Tor	W74-04638 7-09 5C
W 14-15015	1-24 10	(Hamilton),	Results of Red Tide Formation in Tokyo Bay,
SEDITA, S. J.		W74-13369 7-24 2I	W74-07770 7-15 5C
Biodegradation of Oil,		CELCUTED D	0" CIN " 1 P
W74-06076	7-12 5B	SEICHTER, P. Power Input for the Surface Aerator in Waste	Silica Gel Medium for Enumeration of Petrole- umlytic Microorganisms in the Marine Environ-
SEDLET, J.		Water Treatment Plants (Prikon povrchoveho	ment.
Environmental Monitoring at	Argonne National	aeracniho michadla pro cisteni odpadnich vod),	W74-01532 7-03 5A
Laboratory: Annual Report fo		W74-03555 7-07 5D	
W74-13114	7-24 5B	SEIDEL, K.	SELANDER, H.
CDDD ANGE I		System for Purification of Polluted Water,	Nitrogen Fixation in a Subarctic Mire, W74-05489 7-11 5B
SEDRANSK, J. Estimation of Domain Means	Heine Two Phose	W74-03655 7-07 5D	7-11 35
Sampling,	Using I wo-rhase		SELBY, M. J.
W74-01498	7-03 7B	SEIDEL, M. R. Energy Conservation Strategies,	The Relationships Between Land Use and Ero-
		W74-00152 7-01 6B	sion in the Central North Island, New Zealand, W74-02287 7-05 4D
SEEGER, L. P.		W74-00152	W 14-02267 1-03 4D
The Pine-Popple River Basin		SEIDL, R. H.	SELEZNEVA, E. S.
Wild River Area, Northeaster W74-09223	7-17 2E	Pulp Industry and Environmental Protection	Estimation of the Background Contamination
W 74-03223	/-1/ ZE	(Zellstoff-Industrie und Umweltschutz), W74-08436 7-16 5D	of the Atmosphere From the Chemical Com- position of Precipitation,
SEELINGER, J.		W /4-06436 /-16 3D	W74-01769 7-04 5A
Research and Development		SEIDLER, R. J.	W/4-01/07
Pollution of the Seas by Oil	and Other Pollu-	Potential Pathogens in the Environment: Kleb-	SELIG, E. I.
tants,	7.20	siella Pneumoniae, A Taxonomic and Ecologi-	Effluent Charges on Air and Water pollution,
W74-10774	7-20 5G	cal Enigma, W74-00656 7-02 5A	W74-08524 7-16 5G
SEELY, R. J.		W /4-00030 /-02 3A	SELIGER, H. H.
Influence of Dietary and Inju		SEIDMAN, H.	Endogenous and Photoperiodic Diurnal
Whole-Body Retention, Ro		Statistical Prediction of Equilibrium Tempera-	Rhythms of in Vivo Light Absorption and Scat-
and Tissue Retention of 75Se W74-07708		ture from Standard Meteorological Data Bases,	tering in the Green Alga Ulva Lactuca L., W74-06547 7-13 5C
W /4-0//08	7-15 5C	W74-03330 7-07 5A	11 /4-00347 /-13 3C

SELIGER, H. H.

Species of Oceanic Dinoflagellates in the Genera Dissodinium and Pyrocystis: Interclonal and Interspecific Comparisons of the Color and Photon Yield of Bioluminescence, W74-04883 7-10 5B

SELINA, N. A.

Hydrochemical Description and Calcium-Carbonate Equilibrium of Shumak Carbonate Waters (Gidrokhimicheskaya kharakteristika i karbonatno-kal'tsiyevoye ravnovesiye Shumakskikh uglekislykh vod),
W74-03256
7-07 2K

SELLERS, J.

The Identification and Quantification of the Net Effects of Multiple-Purpose River Basin Development, W74-04854 7-10 4A

SELLINGER, A.

Artificial Recharge of Coastal-Plain Aquifer in Israel,
W74-03356 7-07 4B

SELLMAN, B.

Land Resources Survey for the State of Michigan, W74-06644 7-13 4A

SELLMANN, P. V.

Geochemistry of Permafrost and Quaternary Stratigraphy, W74-04364 7-09 2C

SELLMANN, P. V. AND

Stratigraphy and Diagenesis of Perennially Frozen Sediments in the Barrow, Alaska, Region, W74-04365 7-09 2C

SELLNER, W. A.

Effect of Supplemental Water on Barley and Corn Production in a Subhumid Region, W74-08803 7-17 3F

SELLSCHOP, J. P. F.

Radiocarbon and Tritium Evidence for Direct Rain Recharge to Ground Waters in the Northern Kalahari, W74-10250 7-19 2F

SELM, R. P.

Municipal Desalting Studies for Selected Kansas Communities,
W74-00156 7-01 5F

SELTZER, E. J.

A Systematic Study of the Variables Involved in the Reverse-Phase Thin-Layer Chromatography of Oxyethylated Alkyl Sulfate Surfactants,
W74-01358 7-03 5A

SEMENOV, V. N.

Propelling Arrangement for Oil and Garbage Skimmer Craft, W74-11404 7-21 SG

SEMENOV, V. P.

Determination of the Alkalinity of Mill Effluents (Opredelenie shchelochnosti stochnykh vod), W74-08411

SEMENOVA-EROFEEVA, S. M.

The Combined Study of Seepage Properties of Semipermeable Soils for Estimating Interrelationship of Aquifers, W74-12841 7-24 2F

SEMENOVICH, Z. I.

Effect of Arsenic-Containing Mineral Waters on Tissue Respiration Following Internal and External Use, (In Russian),
W74-12745 7-23 5C

SEMENYUK, V. D.

Circulation System Water Purification - By Treatment With Ammonia Subsequently Recovered by Means of Ion Exchange Resin, W74-10021 7-19 5D

SEMIKHNENKO, P. G.

Value of Soil Cultivation Between Rows of Sunflower, (In Russian), W74-13351 7-24 2G

SEN.

Azotobacter Chroococcum in the Phyllosphere of Water Hyacinth (Eichhornia Crassipes Mert. Solms), W74-12686 7-23 21

SEN. A. K.

Agroclimatic Regions of Rajasthan, W74-07102 7-14 3F

SENDLEIN, L. V. A.

Evaluation of the Groundwater Resource in the Upper Skunk River Basin, W74-11616 7-22 6B

Geologic Implications,

W74-11580 7-22 6B

SENECA, E. D.

An Investigation of Propagation and the Mineral Nutrition of Spartina alterniflora, W74-07486 7-14 5C

SENG, GOH KIAM

Water Resources Development in West Malaysia, W74-08463 7-16 3B

SENG, W. C.

Recovery of Fatty Materials from Edible Oil Refinery Effluents, W74-06514 7-13 5D

SENN. H.

Comparison of Gage and Radar Methods of Convective Precipitation Measurement, W74-01149 7-03 2B

SENNHOLZ, H. F.

Controlling Pollution, W74-09128 7-17 5D

SENTURIA, S. D.

Nuclear Spin-Lattice Relaxation of Liquids Confined in Porous Solids, W74-04157 7-08 2F

SEO. G.

Shore Protection on the Coast of 'Yaizu', W74-03700 7-07 8B

SEPASKHAH, A. R.

Subsurface Heating and Irrigation of Soils: Its Effect on Temperature and Water Content and on Plant Growth, W74-07054 7-14 2G

SEPPALA, M.

On the Formation of Small Marginal Lakes on the Juneau Icefield, South-Eastern Alaska, U.S.A., W74-01379 7-03 2C

SEPPOVAARA, O.

The Toxicity of Sulphate Pulp Bleaching Effluents, W74-08403 7-16 5C

SERDYUK, Y. I.

Collaboration of the U.S.S.R. and the U.S.A. in the Field of Hydraulic Engineering and Land Reclamation, W74-05076 7-10 6E

SERDYUK, YE I.

Prospects of Scientific and Technical Cooperation Between the USSR and the United States in the Use of Water Resources (Perspektivy nauchno-tekhnicheskogo sotrudnichestva mezhdu SSSR i SShA v oblasti ispol'zovaniya vodnykh resurs ov),
W74-08703 7-17 6E

SEREBRENY, S. M.

Analysis of ERTS Imagery Using Special Electronic Viewing/Measuring Equipment,
W74-06659 7-13 7C

SERGEEV, E. A.

Methods of Mercurometric Investigations, W74-07695 7-15 5

SERNE, R. J.

One-Dimensional Model of the Movement of Trace Radioactive Solute Through Soil Columns: The Percol Model, W74-04444 7-09 5B

Percol User's Manual,

W74-10123 7-19 5B

SERPIK, B. I.

Hydrology and Structural Design (In Russian), W74-07767 7-15 8E

SERRANO, J. F.

Available Water in Some Great Groups of Mozambique Soils, W74-08313

SERRUYA, C.

Metalimnic Layer in Lake Kinneret, Israel, W74-01598 7-03 5C

SERRUYA, S

The Mixing Patterns of the Jordan River in Lake Kinneret, W74-09890 7-19 2H

SERVANT, J.

Salt Profiles of Soils: Investigational Methods and Level of Significance: Application to Halomorphic Soils in Southern France (In French),
W74-13162 7-24 2G

Seasonal Variations of the Salinity in Some Profiles and in the Water Table of the Sodic Soils of Camargue: Preliminary Results (In French),
W74-04124 7-08 2G

SERVIZI, J. A.

An Effective Method for the Isolation of Fish-Toxic Organic Solutes from Pulp Mill Effluents, W74-06382 7-12 5D

SETH, H. S.

Groundwater Conditions of the Tarai Region, W74-05131 7-10 4B

SETH, M. S.	Unsteady Flow in Sewer Networks,	SHAFFER, F. B.
The Interpretation of Interference Tests in	W74-03095 7-06 5D	Characteristics of Streamflow at Gaging Sta-
Naturally Fractured Reservoirs with Uniform	SEWELL, J. I.	tions in the Loup River Basin, Nebraska, W74-04794 7-09 2E
Fracture Distribution, W74-05086 7-10 8G	Effects of Spreading Manure on Groundwater	W/4-04/94 /-U9 ZE
W /4-03080	and Surface Runoff,	Floods in the Vicinity of Crete, Nebraska,
SETHUNATHAN, N.	W74-11240 7-21 5B	W74-08444 7-16 7C
Degradation of Chlorinated Hydrocarbons by		
Clostridium Sp. Isolated from Lindane-	The Effects on Runoff, Groundwater, and	SHAFIK, T.
Amended, Flooded Soil,	Land of Irrigating With Cattle Manure Slurries,	The Determination of Chromium in Human Urine by Gas Chromatography Using a Flame
W74-00664 7-02 5B	W74-02326 7-05 5D	Photometric Detector with a 425, 4 NM Filter,
Degradation of Parathion by Bacteria Isolated	SEXTON, J. R.	W74-00270 7-01 5A
from Flooded Soil,	The Hydrological Evaluation of Regional	
W74-04889 7-10 5B	Water-Resource Systems in the United King-	SHAFIK, T. M.
Description of Description in Plantal Anis	dom,	The Determination of Pentachlorophenol and
Degradation of Parathion in Flooded Acid Soils.	W74-06421 7-12 6B	Hexachlorophene in Human Adipose Tissue, W74-02391 7-05 5A
W74-00268 7-01 5B	CEVER 1 C	W 14-02391 1-03 3A
777 52	SEYDEL, I. S. Distribution and Circulation of Arsenic	SHAGA, N. I.
SETHURAMAN, V.	Through Water, Organisms and Sediments of	Some New Data Concerning Zizania latifolia
Improving the Accuracy of Point-Gauge Mea-	Lake Michigan,	(Grisob.) STAPF AND ITS Resources in the
surement in High-Velocity Flows (Amelioration	W74-07046 7-13 5B	Flood Plains of Lower Amur, W74-04703 7-09 2
de la Precision de la Pointe de Mesure Dans Les Ecoulements Rapids),		W /4-04/03 /-09 2
W74-08195 7-16 7E	SEYLER, J. K.	SHAGA, V. S. AND
	Sulfuric Acid and Ferrous Sulfate Recovery	Some New Data Concerning Zizania latifolia
SETTERGREN, C. D.	From Waste Pickle Liquor,	(Grisob.) STAPF AND ITS Resources in the
Soil Storage Limitations on Effluent Irrigation,	W74-08945 7-17 5D	Flood Plains of Lower Amur,
W74-05676 7-11 5E	SEYMOUR, A. H.	W74-04703 7-09 2
SETTLE, R. B.	Biological Half-Lives for Zinc and Mercury in	SHAH, D. S.
Elimination of Phosphate Detergents and	the Pacific Oyster, Crassostrea gigas,	Cargo Spill Probability Analysis for the Deep
Psychological Reactance,	W74-07807 7-15 5C	Water Port Project,
W74-10798 7-20 5C		W74-00819 7-02 5E
	SEYMOUR, L.	
SEUNG, IL CHOI	New Water LawsWhat They Mean to You, W74-10519 7-20 6E	SHAH, H. C. Cargo Spill Probability Analysis for the Deep
The Need of Geological Investigations for the Development of the Ground Water Resource:		Water Port Project,
of the Republic of Korea,	SEYMOUR, M. K.	W74-00819 7-02 5E
W74-04466 7-09 4E		1177 00019
	Rate in Arenicola marina (L.),	SHAH, P. S.
A Summary on Ground Water in the Han River	W74-04225 7-08 5C	Dynamic Analysis and Optimal Feedback Con
Basin, Republic of Korea,	CHARAN A C	trol Synthesis Applied to Biological Waste
W74-05546 7-11 4F	SHAABAN, A. S. Seasonal Changes of Benthos Algae of the	Treatment, W74-13026 7-24 5E
SEVART, M. D.	Higher Part of Vorskla River, (In Russian),	W 74-13020 7-24 3E
Aerial Radiological Measuring Survey of the	W74-08142 7-15 SC	SHAH, S. M.
Area Surrounding Big Rock Point Nuclea	715 50	Distribution of RA-226 in Soil and Water,
Plant, Big Rock Point, Michigan, 1968,	SHABAD, L. M.	W74-02057 7-04 5E
W74-04186 7-08 5F	Dicamon of Democraty Lytthe Cy Institute	SHAH, V. K.
Aerial Radiological Measuring Survey of the	ganisms in Waste Waters, (In Russian),	Effect of Molybdenum Starvation and Tung
Area Surrounding the Dresden Nuclear Powe		sten on the Synthesis of Nitrogenase Com
Station, Morris, Illinois, September 1968,	SHABANA, M. B.	ponents in Klebsiella pneumoniae,
W74-09250 7-17 5A	Effect of Pollution on the Blood Characteristics	W74-11713 7-22 50
	of Tilapia zillii G.,	
SEVERANCE, M. M. Thermal Death of a Hydrocarbon Bacterium is	W74 03501 7.07 5C	SHAHABIAN, H. L. Spectral Analysis and Its Application to
a Nonaqueous Fluid,		Hydrologic Time Series of Lower Ohio Tribu
W74-06098 7-12 50	SHABANOV, P. F.	taries,
	Determination of Liquid Kunoff from the Firm	W74-05820 7-11 2/
SEVILLA, C. L.	Field of a Glacier, W74-00115 7-01 2C	
In Vitro Formation of Nitrate Reductase Using		SHAHANE, A. N.
Extracts of the Nitrate Reductase Mutant o		Hydrological Analyses Using Atmospheric Vapor Data,
Neurospora crassa, Nit-1, and Rhodospirillun rubrum,	Water Reuse in Industry, Part 3 Mine Water,	W74-12596 7-23 2/
W74-07577 7-14 5I	W74-00796 7-02 5D	17712550
		SHAHBAZI, M.
SEVRUK, B.	SHADRIN, I. F. The Possibility of Predicting Longshore Cur-	Variation of Ground Water Discharge Zone a
Comparison of Mean Rain Catch of Variou	rents in Tideless Seas,	a Function of Infiltration Rate,
Gauge Networks,	31/74 04430	W74-12844 7-24 21
W74-12976 7-24 21		SHAIKH, Z. A.
Evaporation Losses from Containers of Hell	SHAFER, G. H.	Biological Differences in Cadmium and Zine
mann Precipitation Gauges,	Ground-Water Resources of Duval County,	Turnover,
W74-11909 7-22 21	Texas,	W74-12493 7-23 50
SEVUK, A. S.	W74-08372 7-16 4B	SHAIL, S.
Illinois Storm Sewer System Simulation Model	Ground-water Resources of Kleberg, Kenedy,	Management Information in the Water Indus
User's Manual,	and Southern Jim Wells Counties, Texas,	try,
W74-03763 7-08 5I		W74-12111 7-23 4/

SHAINBERG, I.		
SHAINBERG, I.	SHANGINA, G. A.	SHAPIRO, I. M.
Rate and Mechanism of Na-Montmorillonite	A Literature Review on the Biological Purifica-	The Distribution of Lead in Human Deciduous
Hydrolysis in Suspensions,	tion Methods of Sewage in Chemical-Phar-	Teeth,
W74-00606 7-02 2K	maceutical Plants, (in Russian),	W74-07691 7-15 5C
CHALADUA N M	W74-01756 7-04 5D	SHAPIRO, J.
SHALAEVA, N. M. Invertebrate Fauna of the Bodies of Water of	SHANMUGAM, K. S.	Carbon Dioxide and pH: Effects on Species
the Stationary 'Agapa' (Western Taimir). (in	Combined Spectral and Spatial Processing of	Succession of Algae,
Russian),	ERTS Imagery Data,	W74-03594 7-07 5C
W74-08110 7-15 2I	W74-06660 7-13 7C	SHADIDO I
	SHANMUGASUNDARAM, S.	SHAPIRO, L. Vegetative and Geologic Mapping of the
Invertebrate Fauna of Waters of the Station	Cyanophage AC-1: A Phage Infecting Unicellu-	Western Seward Peninsula, Alaska, Based on
'Agapa' (Western Taimyr), (In Russian),	lar and Colonial Blue-Green Algae,	ERTIS-1 Imagery,
W74-01264 7-03 2I	W74-01825 7-04 5C	W74-01672 7-04 4A
SHALAR', V. M.		
Primary Production of Phytoplankton and	SHANNON, E. E.	SHAPOSHNIKOVA, I. M. AND
Destruction of Organic Matter in the Prut	Phosphorus Removal on Secondary Effluents, W74-08853 7-17 5D	Nutrient Uptake by Winter Wheat in a Zone of
River, (In Russian),	W /4-08833 /-1/ 3D	Unstable Moisture, (In Russian), W74-04827 7-09 3F
W74-04284 7-08 5C	Phosphorus Removal Treatability Studies at	W 14-04621 1-09 3F
CHAIR B	C.F.B. Bordon, Petawawa, Trenton and	SHARAF EL DIN, S. H.
SHALE, D.	Uplands,	Longshore Sand Transport intThe Surf Zone
Seasonal Changes in Population Density and Vertical Distribution of Prosobrance Veligers in	W74-07273 7-14 5D	along the Mediterranean Egyptian Coast,
Offshore Plankton at Plymouth,	Tertiary Phosphorus Removal and Limiting	W74-09891 7-19 2L
W74-03300 7-07 5C	Nutrient Studies at C.F.S. Lac St. Denis.	SHARAPOV, V. A.
7 0. 50	W74-10551 7-20 5D	Reservoirs of Europe and Some Aspects of
SHALHEVET, J.		Their Construction and Multipurpose Use
Estimation Procedures for Response Functions	Utilization of Industrial Wastes and Waste By-	(Vodokhranilishcha zarubezhnoy Yevropy i
of Crops to Soil Water Content and Salinity,	Products for Phosphorus Removal: An Invento- ry and Assessment,	nekotoryye voprosy ikh sozdaniya i komplek-
W74-05678 7-11 3F	W74-08394 7-16 5D	snogo ispol'zovaniya),
SHAMEY, L. J.	710 35	W74-04582 7-09 8A
Three-Dimensional Zone Model Log Interpreta-	SHANNON, L. J.	SHARAR, M. S.
tion,	Feasibility of Emission Standards Based on	Water Requirements of Wheat and Cotton on a
W74-07735 7-15 8G	Particle Size,	High Water Table Soil Under Arid Conditions,
	W74-12219 7-23 5G	W74-01595 7-03 3F
SHAMIR, U.	SHANNON, L. R.	
Design of Optimal Sewerage Systems,	Contamination of Channel Catfish with Diel-	SHARIKOV, YU. D.
W74-00183 7-01 5D	drin from Agricultural Runoff,	A Modified Method of Aerial Survey of
Optimal Design and Operation of Water Dis-	W74-13050 7-24 5C	Shadows to Study Snow Cover (Novyy variant sposoba aerofotos'yemki teney dlya izucheniya
tribution Systems,	SHANNON, P. T.	snezhnogo pokrova),
W74-05937 7-11 4A	Computer System for the Description and	W74-09930 7-19 2C
	Evaluation of Community Water Systems	
SHAMIS, M. M.	Based on Reverse Osmosis Desalination,	SHARMA, G. D.
Procedure and Apparatus for Measuring the At-	W74-01938 7-04 3A	ERTS-1 Observations of Sea Surface Circula-
tenuation of Radar Radiation in Clouds and	CHAODCHADCE M D	tion and Sediment Transport, Cook Inlet, Alaska,
Precipitation, W74-10688 7-20 3B	SHAORSHADSE, M. P. Thermal Waters of Georgia,	W74-06670 7-13 2L
W74-10688 7-20 3B	W74-08987 7-17 2F	713 22
Radar in Weather Modification and Hail Con-	117 21	Sea-Surface Circulation, Sediment Transport,
trol,	SHAPCHENKO, V. M.	and Marine Mammal Distribution, Alaska Con-
W74-10687 7-20 3B	Multistage System for Biological Purification of	tinental Shelf,
CHANGE W.	Waste Waters (Mnogostupenchataya sistema	W74-00298 7-01 2J
SHAMPINE, W. J.	biologicheskoi ochistki stochnykh vod), W74-03072 7-06 5D	SHARMA, M. L.
Chemical Quality of Surface Water in the East-	W /4-030/2 /-06 3D	Seasonal Changes in Sodium and Chloride Con-
ern Oswego River Basin, New York, W74-03817 7-08 5A	pH and the Effectiveness of Effluent Purifica-	centration of Saltbush (Atriplex spp.) Leaves as
W74-03817 7-08 5A	tion (pH i effektivnost' ochistki stochnykh	Related to Soil and Plant Water Potential,
U.S. Geological Survey Water Quality Pro-	vod),	W74-02105 7-04 21
gram, Indiana District,	W74-03556 7-07 5D	SHARMA, S. K.
W74-11734 7-22 5A	SHAPIRA, A.	Water Laws in USSR,
CHAND M C	Production of Bacteriophage by Lyophilized	W74-10893 7-20 5G
SHANE, M. S. The Need for an Indicator Virus in Water	and Oxygen-Exposed Escherichia coli,	
Quality Testing,	W74-03575 7-07 5A	SHARMA, V. P.
W74-08880 7-17 5A	SHAPIRO, D. L.	Characterization and Treatability of Chrome Tanning Waste.
7-17 JA	The Market Structure of the Southern Califor-	Tanning Waste, W74-11707 7-22 SD
SHANE, R. M.	nia Water Industry,	1-22 SD
Riverine Recreational DevelopmentMathe-	W74-10414 7-20 6B	SHARP, G. D.
matical Modeling,		Mercury in Tunas: A Review,
W74-05958 7-12 5B	SHAPIRO, E. S.	W74-09574 7-18 5B

SHANER, W. W.

Some Problems Associated with the Use of

Foreign Advisors in Developing Countries,
W74-00216 7-01 10A

W74-08429

Some Results of Water Purification at Viscose

SHARP, J. J.

Step, W74-08391

7-16 5D

Observations on Hydraulic Jumps at Rounded

Rayon Factories (Nekotorye itogi raboty vodoochistnykh sooruzhennii predpriyatii viskoznykh volokon),

7-16 8B

SHARP, M.

Leishmaniasis in Brazil: VII. Further Observa- SHCHERBAKOV, F. A.

A Study of Liquid-Membrane Selective Electrodes Made from		Flaviscutellata (Mangabeira) with I		Features in the South of the Maritime Terr	
Radical Ion Salt,	an Organic	Reference to Its Biting Habits at		ry,	110-
W74-00649	7-02 5A	Heights,	Different	W74-04432 7-09	2.J
		W74-12735	7-23 21		
SHARP, W. R.	in Colomb	anam a m		Some Data on the Post-Glacial Transgress	ion
Recent Developments in Prepar Agroclimatic Maps by Computer,	ring Colored	SHAW, J. T. Formation of Thermal Microstructure	in a Nar	of the Bering Sea, W74-04431 7-09	27
W74-12695	7-23 7C	row Embayment During Flushing.	m a Mai	W /4-04431 /-09	23
1174 12075	. 25 . 0		7-01 2L	SHCHERBAN', E. P.	
SHARPE, R.				The Effect of Atrazine and Diuron on	the
Models for Allocation of Water Re		SHAW, L. C.		Productivity of Cladocera. (Experimental S	Stu-
W74-11696	7-22 6A	Flood of September 1971 in Sou	theastern	dies), (In Russian),	
SHARPEE, K. W.		Pennsylvania, W74-06354	7-12 2E	W74-01024 7-02	5C
2,4-dichlorophenoxyacetate met	abolism by	W 74-00334	7-12 ZE	SHEA, J. F.	
Arthrobacter sp.: Accumulation of	f a Chlorobu-	Floods of June 1972 in the Harrisbu	irg Area,	Water-Pollution Control in the Primary Non	fer-
tenolide,		Pennsylvania,		rous-Metals Industry Volume I. Copp	per,
W74-01550	7-03 5B	W74-13186	7-24 7C	Zinc, and Lead Industries,	
SHARPIN, R. E.		SHAW, M. G.		W74-05116 7-10	5D
Chemical/Physical and Biological	Treatment of	Reuse and Recycle of Water in Industr	ry,	Water-Pollution Control in the Primary Non	fer-
Wool Processing Wastes,		W74-09444	7-18 5D	rous-Metals Industry Volume II. Alumin	
W74-09064	7-17 5D	CHAN D. T.		Mercury, Gold, Silver, Molybdenum,	
SHATILIN, V. D.		SHAW, P. T. Study of Heat Conduction Models of	Geother.	Tungsten,	
Automatic Devices for Sampling	Sewage and	mal Energy Reservoirs,	Geother-	W74-05117 7-10	5D
Surface Water, (In Russian),			7-17 2F	CHEA I H	
W74-13359	7-24 5A			SHEA, J. H. Proposal for a Particle-Size Grade Scale Ba	sed
CHARMENC D. D.		SHAW, R. H.		on 10,	iscu
SHATTLES, D. E.	the Decemen	Dry and Wet, July-August Rainfall	Areas in	W74-05719 7-11	21
A Hydrologic Reconnaissance of t la River Estuary, Mississippi,	ine rascagou-	Iowa, W74-07045	7-13 2B		-
W74-03094	7-06 2L	W 74-07043	7-13 2B	SHEA, J. J.	
		SHAW, R. P.		Fluid Analyzer with Variable Light Path,	
Water for Industrial Developmen		Channel Friction and Slope Effects of	n Harbor	W74-13252 7-24	7B
Chickasaw, Choctaw, Grenada,		Resonance,		SHEAR, G. M.	
Webster, and Yalobusha Counties W74-05525	7-11 3E	W74-11480	7-22 8B	Comparative Yield and Fertilizer Efficiency	v of
W 74-03323	7-11 3E	The Response of Narrow-Mouthed H	larbors in	No-Tillage and Conventionally Tilled Corn.	
SHAW, B.		a Straight Coastline to Periodic		W74-10335 7-19	
Jet Pump Stops Sand Clogging,		Waves,			
W74-10831	7-20 8C	W74-03450	7-07 2L	SHEARER, C. A.	
SHAW, C.		SHAW, T. L.		Fungi of the Chesapeake Bay, W74-00894 7-02	
The Acute Toxicity of Some Hear	vv Metal Ions	The Toxicity of Some Forms of C	Copper to	W74-00894 7-02	21.
toward Benthic Organisms,	•	Rainbow Trout,		SHEBALOV, A. M.	
W74-06035	7-12 5C	W74-11315	7-21 5C	Larch Plantations in the Forest Steppe Ze	one,
Table Santo of Ton Oil St	-ill December	OH - 11/2001 - 2 14		(In Russian),	
Toxicity Study of Two Oil Sp Toward Hudson River Fish Specie		SHAWTSOVA, T. M. Dependence of the Growth of Whi	to Dream	W74-05946 7-11	4.4
W74-11344	7-21 5C	and Goldfish on Environment, (In		SHEETS, T. J.	
	721 50	siau),	Dyciorus	The Persistence and Movement of Piclo	rom
SHAW, C. B.			7-08 2H	and 2,4,5-T in Soils,	ri aiu
Soil Moisture Patterns on Two Ch	ained Pinyon-			W74-05459 7-11	5B
Juniper Sites in Utah,	2 12 20	SHCHEGLOVA, O. P.	of Labo		
W74-06459	7-12 2G	New Data on Hydrologic Regimen Sarychelek (Novyye dannyy		SHEFTEL, V. O.	
SHAW, D. W.		gidrologicheskomu rezhimu oz. Saryci		Experience in Sanitary Evaluation of the	
The Relationship of Land Use to I	Domestic Sur-		7-01 2H	of Polyethylene Pipes for Rural Water Su Lines, (in Russian),	ppiy
face Water Supply in Georgia,				W74-12716 7-23	SD
W74-13047	7-24 4A	SHCHELKACHEV, V. N.	- de Flore	7-25	32
SHAW, F. R.		Summary of Latest Works on Unste of Liquids Through Porous Media,	ady riow	SHEIKH, H.	
Toxicity of Droppings From Co	oumaphos-Fed	W74-12824	7-24 2F	The EPA Stormwater Management Mode	l: A
Hens to Little House Fly Larvae,				Current Overview,	
W74-00410	7-01 5C	SHCHERBAK, A. V.		W74-07265 7-14	3D
SHAW, J. A.		Calculation of Spring Runoff Depti		SHEIKH, KHALID HAMID	
Developments in the Processing	of Hydrologi-	pathian Rivers (Raschet sloya vesenn rek Karpat),	ego stoka	Effects of Flooding and Draining and Their	r Al-
cal Data in Australia,	,	W74-00597	7-02 4A	ternation on the Growth and Uptake	
W74-11562	7-22 7C			Nutrients by Rice (Oryza Sativa L., Indica	Var
cm.w.t.		Thermal Regime of the Lower Reach		IR-8),	-
SHAW, J. J. Leishmaniasis in Brazil: VI. Ob	servations of	Danube River in Autumn and Winter,		W74-04826 7-09	3F
the Seasonal Variations of Lutzon		W74-02605	7-05 2C	SHEIN, E. V.	
tellata in Different Types of F		SHCHERBAKOV, A. V.		Use of Sound Methods in Determining	the
Relationship to Enzootic Rodent		Thermal Waters as a Source for Ext	raction of	Permeability Coefficient of Soil Moisture	, (In
(Leishmania Mexicana Amazonen		Chemicals,		Russian),	
W74-12734	7-23 2I	W74-09038	7-17 2K	W74-11893 7-22	2G

SHEKO, A. B.

SHEKO, A. B. New Data on Carbonate Formation in Lake Balkhash (Novyye dannyye o kar-	SHEN, Y. S. Study of Arsenic Removal from Drinking Water,	SHERBURNE, S. W. Erythrocyte Degeneration in the Atlantic Her- ring, Clupea Harengus Harengus L.,
bonatoobrazovanii v oz. Balkhash),	W74-09776 7-18 5F	W74-13479 7-24 5C
W74-10384 7-20 2J	SHENK, W. E.	SHEREEF, S.
SHELDON, R. W. The Production of Particles in the Surface	A Multispectral Study of an Extratropical Cyclone with Nimbus 3 Medium Resolution In-	Absorptiometric Determination of Trace Amounts of Sulphide Ion in Water,
Waters of the Ocean with Particular Reference to the Sargasso Sea,	frared Radiometer Data,	W74-04072 7-08 5A
W74-05453 7-11 5B	W74-03349 7-07 2B	SHERESHEVSKIY, A. I.
SHELL, F. J.	Satellite Views of Hurricane Camille,	Experiment in Calculating Movement of the 1970 Flood Wave Along the Cascade of Dniper
The Effect of Thinners on the Fabric of Clay Muds and Gels,	W74-08291 7-16 2B	Reservoirs (Opyt rascheta dvizheniya volny polovod'ya 1970 g. po kaskadu dneprovskikh
W74-03159 7-06 8G	SHEPARD, F. P. Congo Submarine Canyon and Fan Valley,	vodokhranilishch), W74-00594 7-02 2E
SHELL, G. L.	W74-00093 7-01 2J	
Aeration Apparatus,	'Internal Waves' Advancing Along Submarine	SHERIDAN, J. M. Flow Measurement of Low-Gradient Streams
W74-12456 7-23 5D	Canyons,	in Sandy Soils,
Carbon Treatment of a Municipal Wastewater, W74-09715 7-18 5D	W74-04261 7-08 2E	W74-11523 7-22 7B
	SHEPERD, B. P.	SHERIDAN, R. E.
Physical-Chemical Treatment of a Municipal Wastewater Using Powdered Carbon,	Methods for Controlling Marine Fouling in In- take Systems,	Holocene Sedimentary Environment of The At- lantic Inner Shelf Off Delaware,
W74-00154 7-01 5D	W74-00148 7-01 3A	W74-10669 7-20 2J
SHELTON, J. W.	SHEPHARD, B. P.	SHERIDAN, R. P.
Depositional Features of Braided-Meandering Stream.	Conceptual Design of Hollow Fine Fiber Sea-	Hydrogen Sulfide Production by Synechococ-
W74-07163 7-14 2J	water Reverse Osmosis Desalting Pilot Plant, W74-01911 7-04 3A	cus lividus Y52-si, W74-07546 7-14 5C
SHEMA, B. S.		SHERIFF, R. E.
Some Problems Associated with Water Reuse,	SHEPHERD, J. A. Hydrogen Peroxide for Industrial Pollution	Encyclopedic Dictionary of Exploration
W74-06388 7-12 5D	Control,	Geophysics, W74-04142 7-08 8B
SHEMCHUK, V. R.	W74-04532 7-09 5D	
New Cases of Massive Development of Prymnesium Parvum Cart, (In Russian),	SHEPHERD, R. A.	SHERIPOV, D. Experience of Meadow Soil Desalination in
W74-13391 7-24 5C	Volatility of DDT Residues in Soil as Affected by Flooding and Organic Matter Applications,	Murgab Oasis (In Russian), W74-05368 7-10 3C
SHEMDIN, O. H.	W74-07424 7-14 5B	
Laboratory Investigations of Whitecaps, Spray and Capillary Waves,	SHEPHERD, R. G.	SHERK, J. A. JR. Current Status of the Knowledge of the Biolog-
W74-03506 7-07 2E	Experimental Study of River Incision,	ical Effects of Suspended and Deposited Sedi-
SHEN, C. C.	W74-05134 7-10 2J	ments in Chesapeake Bay, W74-00920 7-02 2L
Selection and Design of a Bore Generator for	SHEPHERD, W.	
the Hilo Harbor Tsunami Model. Hydraulic Model Investigation,	Some Evidence of Stomatal Restriction of	SHERLOCK, D. Technical Computer Systems,
W74-04946 7-10 8B	Evaporation From Well-Watered Plant Cano- pies,	W74-12128 7-23 6A
SHEN, H. W.	W74-05662 7-11 2D	SHERLOCK, D. J.
Dispersion of Contaminants Attached to Sedi-	SHEPPARD, C. C.	Water-Level Transducers,
ment Bed Load,	The Effects of Continuous Recycling and	W74-11498 7-22 7B
W74-03797 7-08 5B	Storage on Nutrient Quality of Dehydrated	SHERMA, J.
Dispersion of Contaminated Sediment Bed	Poultry Waste (DPW), W74-09687 7-18 5D	Ion-Exchange Paper Chromatography of Metal Ions with Mixed Aqueous-Organic Solvents
Load, W74-07446 7-14 5B		Containing Mineral Acid and a Selective Ex-
	SHEPPARD, J. C. The Role of Paper Mill Additives as Potential	tractant,
Flow Over Alluvial Bed, W74-03786 7-08 2E	Stream Pollutants Development of Nuclear	W74-11374 7-21 5A
Flow Resistance over Short Simulated Vegeta-	Techniques, W74-05287 7-10 5A	SHERMAN, C. A. Aquatic and Atmospheric Simulation,
tion and Various Tall Simulated Vegetation		W74-02003 7-04 5B
Groupings on Flow Resistance and Sediment Yield,	SHEPPARD, R. A.	SHERMAN, F.
W74-03787 7-08 2E	Chert Derived from Magadiite in a Lacustrine Deposit Near Rome, Malheur County, Oregon,	Characteristics and Relationships of Mercury- Resistant Mutants and Methionine Auxotrophs
SHEN, M. C.	W74-13184 7-24 2J	of Yeast,
Long Surf,	SHERBROOKE, W. C.	W74-11381 7-21 5C
W74-01203 7-03 2E	Jojoba: A Wax-Producing Shrub of the	SHERMAN, K.
Surface Wave Resonance on Continental and	Sonoran Desert, Literature Review and An- notated Bibliography,	Biological Aspects of Offshore Nuclear Power
Island Slopes, W74-03616 7-07 2E	W74-13141 7-24 2I	Plants, W74-09864 7-19 5C
Two-Dimensional Waves Generated by a Sur-	SHERBROOKE, W. C. AND	SHERMAN, R. G.
face Pressure Disturbance Over a Sloping	World Desertification: Cause and Effect. A	A Groundwater Supply for an Oil Camp Near
Beach, W74-02187 7-05 2E	Literature Review and Annotated Bibliography, W74-04461 7-09 3B	Prudhoe Bay, Arctic Alaska, W74-04396 7-09 2F
1-03 ZE	1-09 3B	11 14-04370 /-09 2F

SHERMAN, W. R.
Versatile Computer Generated Variable Ac-

Decay of Mass Oscillations in Rectangular
Basins,
SHIKLOMANOV, I. A.
Evaluation of the Effect of Human Activity on

celerating Voltage Circuit for Magnetically Scanned Mass Spectrometers. Use for Assays	W74-05830 7-11 8B	Runoff of Large Rivers in the Caucasus (Kura, Terek, Kuban') (Otsenka vliyaniya khozyayst-
in the Picogram Range and for Assays of Stable	SHIBATA, K.	vennoy deyatel'nosti na stok krupnykh rek
Isotope Tracers, W74-01335 7-03 2K	Device for Removing a Sludge from a Surface, W74-13249 7-24 5D	Kavkaza (Kura, Terek, Kuban')), W74-10630 7-20 4C
SHERRAND, J. H. Operational Control Concepts for the Activated	SHIBLES, R. M. Influence of Environment and Leaf Excision	Irretrievable Runoff Losses of the Volga River Through Evaporation From Reservoirs of the
Sludge Process,	on Gas Exchange of Oat Leaves,	Volga-Kama Cascade (Bezvozvratnyye poteri
W74-10824 7-20 5D	W74-02084 7-04 2I	stoka r. Volgi za schet ispareniya s vodok- hranilishch Volzhsko-Kamskogo kaskada),
SHERRARD, J. H.	SHICH, C. S.	W74-10628 7-20 4A
Cell Yield and Growth Rate in Activated Sludge,	Reliability of Urban Water Quality Manage- ment,	Methods of Evaluating the Effect of a Complex
W74-02960 7-06 5C	W74-00180 7-01 5G	of Human Factors on Water Resources and
SHERRILL, J. D.	SHIDLER, A. E.	Water Regime of Watersheds (O metodakh ot- senki vliyaniya kompleksa faktorov khozyayst-
Seasonal Effects in Flood Synthesis, W74-09910 7-19 4C	Land-Use Institutions in the Washington-Bal-	vennoy deyatel'nosti na vodnyye resursy i vod-
	timore Region-A Mirror for Metropolitan America.	nyy rezhim vodosborov), W74-10627 7-20 4C
Seasonal Effects in Flood Synthesis, W74-13298 7-24 4C	W74-09414 7-18 6E	
	cutet be C I	Problem of Assessing Effects of Human Activi- ty on Surface-Water Resources (K probleme
SHERRILL, M. G. Water Availability in Central Wisconsin - An	SHIELDS, C. I. A Mass Balance Model of Trace Metals in	otsenki vliyaniya deyatel'nosti cheloveka na re-
Area of Near-Surface Crystalline Rock,	Several Delaware Watersheds,	sursy poverkhnostnykh vod), W74-08053 7-15 4A
W74-10647 7-20 4B	W74-02443 7-05 5B	
SHERSTAD, E. M.	SHIELDS, C. P.	Problems of the Effect of Human Activity on Water Resources and Water Regime (Voprosy
Sorption of Orthophosphate on the Surface of	Reverse Osmosis for Municipal Water Supply, W74-12513 7-23 5D	vliyaniya khozyaystvennoy deyatel'nosti na
Water Sample Containers, W74-12307 7-23 5A	W74-12513 7-23 5D	vodnyye resursy i vodnyy rezhim), W74-10626 7-20 4C
	SHIGANOVA, V. L. Salmonella Serotypes in Sewage of Various	
SHERSTYANKIN, P. P. Vertical Distribution of Transparency in Lake	Origins,	Surface-Water Resources of the USSR and Their Change Resulting from Human Economic
Baikal and its Relationship to Biological In-	W74-04850 7-09 5B	Activity (Resursy poverkhnostnykh vod SSSR i
dices, (In German), W74-06237 7-12 2H	SHIH, C. S.	ikh izmeneniye pod vliyaniyem khozyaystven-
	Decision Analysis on Water Resources	noy deyatel'nosti), W74-01133 7-03 4A
SHERWANI, J. K. Simulation Models for Water-Resource	Planning and Management for an Arid Metropolitan Center in West Texas,	Surface Water Resources of the USSR and
Systems: Their Utility in Measuring Physical	W74-09364 7-18 6A	Their Change Under the Effect of Industrial
and Economic Effects of Weather Forecasting and Weather Modification: Summary Report,	Reliability and Economic Optimization for	and Agricultural Activity, W74-12983 7-24 4A
W74-01463 7-03 3B	Urban Return Flows Management,	
SHERWOOD, C. R.	W74-05333 7-10 5B	SHIL'KROT, G. S. Changes in Chemistry of Natural Waters of
Low Temperature Extended Aeration Through	Subjective Decision-Making for Urban Water	Cultivated Lands (Izmeneniya khimizma
the use of a Floating Tube Settler and Wood Stave Tankage,	Resources Development, W74-00884 7-02 6B	prirodnykh vod kul'turnykh landshaftov), W74-03257 7-07 5B
W74-10178 7-19 5D		
SHERWOOD, R. J.	System Optimization for Pulp and Paper Indus- trial Wastewater Treatment Design,	SHILO, M. Cyanophages - Viruses Attacking Blue-Green
Computer Simulation of Waste Water Treat- ment by Chemical-Physical Processes,	W74-08418 7-16 5D	Algae,
W74-11037 7-21 5D	SHIH, G. B.	W74-06754 7-13 5C
SHESTOPALOV, A. M.	Modeling the Total Hydrologic-Sociologic Flow	SHILOH, S.
Variation of Absorbed Base Composition in	System of Urban Areas, W74-10351 7-20 4C	Experiments in the Nutrition of Carp Growing in Cages,
Sodic Soils of the Karabach Plain Under Water Flush with and Without the Electric Current,		W74-11190 7-21 2H
(In Russian),	SHIH, S-F. Application of Monte Carlo Method to Soil	SHILOV, M. P.
W74-00985 7-02 2G	Water Movement,	Association of Some Aquatic Plants of the Lower Amur with Definite Depths of Water,
SHETRON, S. G.	W74-06599 7-13 2G	(in Russian),
Distribution of Free Iron and Organic Carbon as Related to Available Water in Some	SHIH, S-M.	W74-01751 7-04 21
Forested Sandy Soils,	Contributions to the Theory of Surface Waves on a Viscous Fluid,	SHIMARAYEV, M. N.
W74-07622 7-15 2G	W74-03901 7-08 2E	Water Exchange in Lake Baykal (O vodoob- mene v oz. Baykal),
SHEVTSOV, V. P.	SHIKAZE, K.	W74-06306 7-12 2H
Vertical Meso- and Microstructure of Ocean Currents (O vertikal'noy mezo- i mikrostruk-	Characterization and Treatment of Fish	SHIMIZU, A.
ture okeanicheskikh techeniy),	Processing Plant Effluents in Canada,	Odonata of Sugadaira and Vicinity,
W74-10260 7-19 2E	W74-02262 7-05 5D	W74-02783 7-06 21
SHIAU, J-C.	SHIKHEMIROV, M. G. Aquatic-Bog Vegetation of the Samur River	SHIMIZU, K.
Adjustment of Friction in Hydraulic Models of Lakes,	Basin, (In Russian),	Slide Glass Method for Testing Slime in Indus- trial Water and Waste (In Japanese),
W74-02314 7-05 2H	W74-11172 7-21 2I	W74-02073 7-04 5A

SHIMKUS, K. M.

		council a	OWNERS A BODY AS A
SHIMKUS, K. M. Modern Sedimentation in Black Sea,		SHIRGUR, G. A. Observations on Comparative Propensities for	SHMUKLARSKY, M. J. Environmental Radioactivity in Illinois, 1970,
W74-12382	7-23 2J	Carp Fry Destruction by Adults and Last Instar	W74-08646 7-16 5B
CHIMMA II		Preimaginal Stages of Predatory Aquatic In-	SHNITNIKOV, A. V.
SHIMMA, H. PCB Contents in Marine Animals	in Tokyo	sects, W74-07044 7-13 2I	Reconstruction of the Water Balance of Lake Balkhash (Rekonstruktsiya vodnogo balansa
Bay, (In Japanese), W74-13083	7-24 5C	SHIRIOR, I. S.	oz. Balkhash),
CHILD N. P.		Drainage Grating,	W74-00344 7-01 2H
SHIMP, N. F. Chlorinated Hydrocarbon Insecticio	les in Sedi-	W74-10026 7-19 8A	SHNYUKOV, YE. F.
ments of Southern Lake Michigan,	ies in Sear	SHIRK, J. E.	Origin of Clay Minerals in Holocene Bottom
W74-01397	7-03 5B	Economic Guidelines for Analysis of Joint In- dustrial-Municipal Collection and Treatment	Sediments of the Sea of Azov (O proiskhozh- denii glinistykh mineralov sovremennykh don-
Distribution of Selected Trace	Metals in	Systems,	nykh osadkov Azovskogo morya),
Southern Lake Michigan and Lo		W74-05634 7-11 5D	W74-10262 7-19 2J
Bay,		W/4-03034 /-11 3D	CHOPA W
W74-08934	7-17 5B	SHIRLEY, D. J. In Situ Measurement of Sediment Sound Speed	SHODA, T. Electrolytic Cell for Electrolysis of Sea Water,
Isotopic Composition of Helium		During Coring.	W74-03011 7-06 3A
Springs of Iceland (Izotopnyy sosta	v geliya ter-	W74-00294 7-01 2J	SHOEMAKER, E. M.
mal'nykh istochnikov Islandii),	0.00 07/		Preliminary Geologic Investigations in the
W74-01396	7-03 2K	SHIRLEY, E. C.	Colorado Plateau Using Enhanced ERTS
SHIMP, S. L.		Evaluation of a Method of Fog Dispersal by	Images,
Preparation of Filtered Plankton a	nd Detritus	Ionization,	W74-01708 7-04 7C
for Study with Scanning Electron M		W74-10639 7-20 3B	
W74-05320	7-10 5A	OWENT DE L	SHOEMAKER, W. J.
***************************************	, 10 311	SHIRLEY, R. L.	Evaluation and Implementation of Urban
SHIMSHI, D.		Processing, Chemical Composition and Nutri-	Drainage and Flood Control Projects,
Wheat Response to Soil Moisture	and the Op-	tive Value of Aquatic Weeds, W74-06502 7-13 4A	W74-09802 7-19 6B
timal Irrigation Policy Under Condi	tions of Un-	W 74-00302 7-13 4A	SHOFNER, F. M.
stable Rainfall,		SHIROKOVA, E. L.	Explicit Calibration of the PILLS II System,
W74-00669	7-02 3F	Some Environmental Factors Determining the Primary Production of the Mozhaisk Reservoir,	W74-04198 7-08 5D
SHINDALA, A.		(In Russian),	SHOJALASHKARI, R.
Evaluation of Current Techniques	for Nutrient	W74-03939 7-08 5C	Regional Water Quality Management by the
Removal from Wastewaters,			Generalized Reduced Gradient Method,
W74-07441	7-14 5D	SHIROTA, A.	W74-07311 7-14 5B
Utilization of Remote Sensing in	River Rasin	Indications of the Relationship Between Phyto-	CHOPS B 1
Studies,	River Dusin	Plankton Distribution and Phosphate Levels,	SHORE, B. L.
W74-01154	7-03 5A	W74-08476 7-16 5C	Versatile Computer Generated Variable Ac- celerating Voltage Circuit for Magnetically
		CHICHPIN A I	Scanned Mass Spectrometers. Use for Assays
SHIPLEY, J.		SHISHKIN, A. I.	in the Picogram Range and for Assays of Stable
Optimum Forage Production and th		Predicting the Quality of Stream Water Under Conditions of Oxygen Deficiency (O prognoze	Isotope Tracers,
Alternatives Associated with Grazi	ing Irrigated	kachetva vody vodotokov pri bol'shikh defit-	W74-01335 7-03 2K
Wheat, Texas High Plains,		sitakh kisloroda),	
W74-04086	7-08 3F	W74-07388 7-14 5B	SHORT, C. C.
SHIPLEY, W. K.			Prevention of Selenium Interference with Mea-
People V. Mack: A Sportsman's I	efinition of	SHKOLNIK, G. M.	surement of Phosphate as its Molybdenum (V-
Navigability,	reminion of	The Determination of Thallium in Urine and	VI) Complex,
W74-03967	7-08 6E	Plasma by Delves Cup Atomic Absorption,	W74-01345 7-03 5A
		W74-01314 7-03 5A	SHORT, N. M.
SHIPMAN, L. L.		SHLENKOVA, YE. K.	Mineral Resources, Geological Structure and
An Empirical Intermolecular Poter	ntial Energy	Organophosphorus Compounds Containing A	Landform Surveys,
Function for Water,		P-N-Bond,	W74-01166 7-03 7C
W74-11106	7-21 2K	W74-01792 7-04 5B	CHAPT W.I
SHIPPEN, R. S.		7-04 JB	SHORT, W. L. Low-Pressure Ultrafiltration Systems for
Modularized Systems for Field Ana	lysis of Pri-	SHMAKOV, YU. I.	Wastewater Contaminant Removal,
mary Production in Chesapeake Ba		The Structural-Continuum Theory of Dilute	W74-09634 7-18 5D
W74-12268	7-23 5A	Suspensions of Rigid Ellipsoidal Particles,	7.10 32
		W74-04249 7-08 8B	SHORT, Z. F.
SHIRAISHI, H.		CHMIDT I I	Uptake of Molybdenum Marked with Mo-99,
Wave Decaying Due to Breaking,		SHMIDT, L. I. Aeration of Effluents in Aeration Tanks	by the Biota of Fern Lake, Washington, in a
W74-03683	7-07 8B		Laboratory and Field Experiment,
SHIRAMASA, I.		(Aeratsiya stochnykh vod v aerotenkakh- vytesnitelyakh),	W74-05210 7-10 5C
Study on Mechanical Surface Aerat	or	W74-08413 7-16 5D	SHORTT, W. A.
W74-13288	7-24 5D		Petroleum Systems Reliability Analysis, A Pro-
		Multistage System for Biological Purification of	gram for Prevention of Oil Spills Using an En-
SHIRAZI, M. A.		Waste Waters (Mnogostupenchataya sistema	gineering Approach to a Study of Offshore and
Workbook of Thermal Plume	Prediction:	biologicheskoi ochistki stochnykh vod),	Onshore Crude Oil Petroleum Systems,
Volume 1, Submerged Discharge,		W74-03072 7-06 5D	Volume II - Appendices,
W74-05111	7-10 5B	pH and the Effectiveness of Effluent Purifica-	W74-07957 7-15 5G
Workbook of Thermal Plume	Prediction	tion (pH i effektivnost' ochistki stochnykh	Petroleum Systems Reliability Analysis,
Volume 2, Surface Discharges,		vod),	Volume I - Engineering Report, A Program for
W74-12212	7-23 5B	W74-03556 7-07 5D	Prevention of Oil Spills Using an Engineering

Approach to a Study of Offshore and Onshore	SHUBINSKI, R. P.	SHUMAY, C. R.
Crude Oil Petroleum Systems,	Computer Simulation of Estuarial Networks,	Allocation of Scarce Resources to Agricultural
W74-02947 7-06 5G	W74-01197 7-03 2L	Research: Review of Methodology,
		W74-04566 7-09 3F
SHOUP, C. S.	Management of Urban Storm Runoff,	
A Bibliography of the Zoology of Tennessee and the Tennessee Valley Region,	W74-10395 7-20 5D	SHUMKOV, I. G.
W74-09826 7-19 21	A Model for Evaluating Runoff-Quality in	Errors of Aerial Survey Operations and Office
W 74-09820	Metropolitan Master Planning,	Processing of Data in Aircraft Measurements
SHOUPP, W. J.	W74-10396 7-20 5D	of Discharges,
The Effects of Acid Mine Water on Growth	7.000	W74-12986 7-24 7C
(Number and Size) of Chlorelia vulgaris,	SHUCKROW, A. J.	SHUPP, F. R.
W74-02168 7-05 5C	reaction of Hazardous material Spins with	Externalities, Shadow Prices, and Benefit-Cost
SHOYKHET, P. A.	Floating Mass Transfer Media,	Calculations.
Characteristics of Organic-Matter Distribution	W74-04043 7-08 5D	W74-03960 7-08 6B
in Calcareous Sediments of the Caspian Sea		11 14 05 05
and in Mesozoic Carbonate Rocks of the		SHURE, D. J.
Southeastern Caucasus (Osobennosti ras-	Waterborne Diseases in a Rural Population,	An Ecological Approach to the Evaluation of
predeleniya organicheskogo veshchestva v iz-	W74-09540 7-18 5C	Radioactivity Within the Man-Environment
vestkovykh osadkakh Kaspiyskogo morya		Ecosystem,
karbonatnykh porodakh mezozoya yugo-	SHUKUROV, A. SH.	W74-05182 7-10 5B
vostochnogo Kavkaza),	Biomass and Biological Productivity of the	
W74-05021 7-10 5E	Most Typical Flant Communities of Lower	Effects of Urbanization on the Salamander
SHPEKHT, G.	Vakhsh, (in Russian),	Desmognathus fuscus fuscus,
The Use of Mineral Fertilizers in Irrigation	W74-06423 7-12 2I	W74-01827 7-04 21
with Pure Water, Sewage and Liquid Manure		Environmental Control in Nuclear Fuel
(In Russian),	Demote Sensing of the Maisture Content of the	Reprocessing,
W74-05371 7-10 3I	Atmosphere and Underlying Surface,	W74-11955 7-22 5B
SHPET, G. I.	W74-12982 7-24 7B	W 74-11933 7-22 3B
Comparative Efficiency of the Area Unit Used		SHURKO, I. I.
for Fish Breeding and Other Agricultural Pur		The Ionium-Thorium Method of Determination
poses, (In Russian),	Right of Private Party to Maintain Action to	of Absolute Age and Rate of Deposition of Bot-
W74-01084 7-02 8	Enforce Provisions of Rivers and Harbors Act	tom Sediments (K voprosu opredeleniya ab-
	of 1899,	solyutnogo vozrasta i skorosti sedimentatsii
SHPEYZER, G. M.	W74-09305 7-18 6E	donnykh otlozheniy ioniy-toriyevym
Hydrochemical Description and Calcium-Car		metodom),
bonate Equilibrium of Shumak Carbonate Waters (Gidrokhimicheskaya kharakteristika		W74-06308 7-12 2J
karbonatno-kal'tsiyevoye ravnovesiye Shumak		
skikh uglekislykh vod),	W74-13240 7-24 5B	Iron in Atlantic Sediments (Zhelezo v osadkakh
W74-03256 7-07 21		Atlanticheskogo okeana),
	SHULL, H. H.	W74-10257 7-19 21
SHPORA, L. D.	Performance of a Tile Drainage System: An	SHURTSHKOV, A. V.
Total Isotopic Composition and Hydrochemica		Technical-Economic Estimation of Geothermal
Characteristics of Natural Waters in		Resources.
Northwestern and Northern Fergan		W74-09044 7-17 6B
(Summarnyy izotopnyy sostav i gidrok himicheskiye osobennosti prirodnykh vo		7-17 00
Severo-Zapadnoy i Severnoy Fergany),	Water Quality Surveillance Systems,	SHUSTER, W. W.
W74-02608 7-05 21		Activated Carbon Adsorption and Polishing of
		Strong Wastewater,
SHRADER, S. D.	SHULMAN, M. D.	W74-06411 7-12 5D
Methods of Flood Flow Determination is		
Sparse Data Regions,	Precipitation Type, Frequency, Areal and Tem-	Removal of Ammonia Nitrogen by Breakpoin
W74-11458 7-22 4/	potat Distribution, I have 11,	Chlorination Using an Activated Carbon
SHRADER, W. D.	W74-03768 7-08 4C	Catalyst, W74-00810 7-02 5E
Agricultural Land Use Patterns,	Tropical Cyclone Precipitation in New Jersey,	W74-00810 7-02 5E
W74-11606 7-22 61	W74-00435 7-01 2B	SHUTKO, A. M.
CHTANNINGU P V		Microwave Radiation Characteristics of Dry
SHTANNIKOV, E. V. Hygienic Evaluation of Polymers Used in th	SHULTERS, M. V.	and Moist Ground Covers,
Membrane Methods of Water Desalination (I	Lakes of Oregon. Volume One, Classop,	W74-05558 7-11 20
Russian),	Columbia, and I mamook Countes,	****
W74-13159 7-24 51	W74-06270 7-12 2H	SHUVAL, H. I.
	CHILL VAROVERIN T. C.	Epidemiological and Toxicological Aspects of
Purification of Water Polluted with DDT an	On a Model of the Ice Breakup Process,	Nitrates and Nitrites in the Environment,
Hexachlorocyclohexane,	311 00	W74-01386 7-03 50

W74-05567

SHUMATE, K. S.

Chemical Constants of Metal Complexes from

a Complexometric Titration Followed with Anodic Stripping Voltammetry, W74-01332 7-03 SA

Factors Controlling Sludge Density During Acid Mine Drainage Neutralization, W74-02827 7-06 5D

SHTEERMAN, V. A.

W74-03070

Thermal Drying of Activated Sludge from Purification Equipment (Termosushka aktivnogo ila ochistnykh sooruzhenii),

SHTEINMAN, B. S.
The Field Study of Sand Motion Through
Porous Medium by Means of Luminophors,
7-24 2J

Certain Aspects of the Interaction Between

Wave Flow and a Deformable Bottom at Low

Beef Cattle Feedlot Site Selection for Environ-

7-03 5C

7-09 2J

PA-357

SHUYAK, B. A.

Velocities, W74-04435

SHUYLER, L. R.

mental Protection, W74-08156

7-11 2C

SHUYSKIY, YU. D.

SHUYSKIY, YU. D. Supply of Terrigenous Material to the Baltic	SIEGEL, B. Z. Icelandic Geothermal Activity and the Mercury	Artificial RechargeState of the Art, W74-03354 7-07 4B
Sea (Pitaniye Baltiyskogo morya terrigennym materialom),	of the Greenland Icecap, W74-07944 7-15 5B	Artificial RechargeState of the Art, W74-09091 7-17 4B
W74-07501 7-14 2J	SIEGEL, S. M.	
SHVARTSEVA, N. M. Antimony in Groundwater of the Kadamdzhay	Icelandic Geothermal Activity and the Mercury of the Greenland Icecap.	Laboratory Facility for Studies Related to Ar- tificial Recharge,
Deposit (Sur'ma v podzemnykh vodakh	W74-07944 7-15 5B	W74-03360 7-07 4B
Kadamdzhayskogo mestorozhdeniya),	SIELICKI, M.	SIGVALDASON, G. E.
W74-09648 7-18 4B	The Effect of Selenite on the Physiological and	Geochemical Methods in Geothermal Explora- tion.
SHVEBS, G. I. The Effect of Topography and Water Erosion	Morphological Properties of the Blue-Green Alga Phormidium luridum Var. Olivacea,	W74-11786 7-22 2K
on Runoff (Vliyaniye rel'yefa i vodnoy erozii	W74-07550 7-14 5C	Geochemistry of the Ahuachapan Thermal
na stok), W74-10228 7-19 2J	SIELKEN, R. L. JR.	Area, El Salvador, Central America, W74-09020 7-17 2K
SHWER, M.	Extended Results on Optimal Investment Strategies in Shrimp Fishing,	SIGVALDASON, O. T.
Rippon Squashes Central Waste Treatment	W74-01838 7-04 6C	A Water Quality Simulation Model,
Precedent, W74-08213 7-16 5E	SIEMS, B. A.	W74-02683 7-06 5B
	Geophysical Investigations of Washington's	SIKKA, D. R.
SIADAT, H.	Ground Water Resources,	Guidelines for Transfer of Practice to Applica-
General Report on Development and Utiliza- tion of Saline Soils in Iran,	W74-06262 7-12 2F	tions for Optimum on Planning of Key Items of Water Resource Projects,
W74-05218 7-10 3C	Surface to Subsurface Correlation of Columbia River Basalt Using Geophysical Data in Parts	W74-00220 7-01 10A
SIAGIAN, E. G.	of Adams and Franklin Counties, Washington,	SIKKA, H. C.
The Presence of Clostridium botulinum in In-	W74-10858 7-20 4B	Metabolism of Selected Pesticides by Marine
donesian Waters, W74-02986 7-06 5A	SIERKA, R. A.	Microorganisms, W74-06066 7-12 5C
	Conceptual Design Evaluation of a Physical-	
SIAS, D. R. Experimental Hydroponic Gardening with Mu-	Chemical Domestic Waste Treatment System Utilizing Power Plant Waste Heat,	Persistence of Endothall in Aquatic Environ- ment as Determined by Gas-Liquid Chromatog-
nicipal Waste Water,	W74-09253 7-18 5D	raphy,
W74-10917 7-21 5D	The Head Develop	W74-02381 7-05 5B
SICILIANO, J.	The Use of Power Plant Heat in a Physical- Chemical Domestic Wastewater Renovation	SIL'NITSKAYA, V. I.
Reverse Osmosis: Application to Potato-Starch	System,	Catalog of USSR Glaciers. Volume 16. Angara-
Factory Waste Effluents,	W74-02208 7-05 5D	Yenisey Region. No. 1. Yenisey. Parts 3-5. No. 2. Angara. Part 1. (Katalog lednikov SSSR.
W74-09637 7-18 5D	SIERRA, J.	Tom 16. Angaro-Yeniseyskiy rayon. Vypusk 1.
SICK, W. J.	Malezas Acuaticas, Aquatic Weeds, J. M.	Yenisey. Chasti 3-5. Vypusk 2. Angara. Chast'
Determination of the Total Storage Capacity of the Cretaceous Sandstone Aquifers in South	Bristow, W74-00736 7-02 4A	1), W74-11213 7-21 2C
Dakota,		
W74-01114 7-03 2F	SIERRA, R. Application of Polarization Measurements in	SILBERBERG, I. H. Dissolution of a Porous Matrix by a Slowly
SID'KO, A. A.	Tracing Techniques,	Reacting Acid,
Experiment in Rapid Leaching of Saline Soils	W74-10203 7-19 5B	W74-07860 7-15 8B
in the Golodnaya Steppe (Opyt uskorennoy	SIEWERT, H. F.	SILBERGELD, E. K.
promyvki zasolennykh pochv Golodnoy stepi), W74-05018 7-10 3C	Thermal Effects on Biological Production in a	Dieldrin. Effects of Chronic Sublethal Expo-
	Pond,	sure on Adaptation to Thermal Stress in Fresh-
SIDDARAMAPPA, R. Degradation of Parathion by Bacteria Isolated	W74-04861 7-10 5C	water Fish, W74-01408 7-03 5C
from Flooded Soil,	SIGAFOOS, R. S.	
W74-04889 7-10 5B	Recent Activity of Glaciers of Mount Rainier,	SILBERMAN, E. Heated Surface Discharges into Flowing Am-
SIDIK, S. M.	Washington, W74-06713 7-13 2C	bient Streams and Lakes,
Use of Whatman-41 Filters in Air Quality Sam-		W74-03794 7-08 5D
pling Networks (With Applications to Elemen-	SIGGIA, S. Analysis of Primary Aromatic Amines and	The Use of Standard Bodies to Measure the
tal Analysis), W74-10666 7-20 5A	Nitrite by Diazotization and Pyrolysis Gas	Cavitation Strength of Water, W74-11034 7-21 8B
SIDORENKO, G. I.	Chromatography, W74-05315 7-10 5A	
A Study of Bdellovibrio Bacteriovorus as a	W/4-03313	SILBERMANN, P. T. Wastewater System Alternates: What Are
Biologic Factor of Self Purification of Water	Atomic Absorption Method for Determining	Theyand What Cost,
Bodies, (In Russian), W74-10204 7-19 5C	Micromolar Quantities of Aliphatic Secondary Amines,	W74-09718 7-18 5D
SIEBURTH, J. MC N.	W74-01492 7-03 5A	Wastewater System Alternates: What are
Survival of Salmonella Typhimurium in Artifi-	Selective Separation and Concentration of	Theyand What Cost, W74-10290 7-19 5D
cial and Coastal Sea Water,	Silver Via Precipitation Chromatography,	
W74-13361 7-24 5C	W74-11911 7-22 5A	Wastewater System Alternates: What Are Theyand What Cost,
SIEFKER, J. R.	SIGNOR, D. C.	W74-13071 7-24 5D
Quantitative Chemical Analysis of Specific Components of the Waters of Lost Creek and	Artificial-Recharge Experiments and Opera- tions on the Southern High Plains of Texas and	Wastewater System Alternates: What Are
the Wabash River, Vigo County, Indiana,	New Mexico,	Theyand What Cost,
W74-07405 7-14 5A	W74-00325 7-01 4B	W74-13072 7-24 5D

Mercury Concentrations in Fish, Plankton, and	Water Pollution in Louisiana: An Attempt at	Nutrient-Productivity Relationships in a Bayou
Water from Three Western Atlantic Estuaries, W74-11715 7-22 5A	Control, W74-01451 7-03 5G	Estuary, W74-06160 7-12 5C
SILIN, N. A. The Influence of Clay Fraction on the Basic	SILVERSTEIN, J. ERTS Applications in Earthquake Research	SIMMONS, D. T. Water Reuse in Protein Feed Process Utilizing
Parameters of the Hydro-Transport of Fine Free-Flowing Materials,	and Mineral Exploration in California, W74-01711 7-04 7C	Lumber Mill Wastes, W74-07409 7-14 5D
W74-06914 7-13 8B	SILVERSTEIN, R. M.	SIMMONS, G. M. JR.
SILIN, YU. I. Helium Isotopes in Ocean Sediments (Izotopy	Trail-Marking and Alarm Pheromones of Some Ants of the Genus Atta,	Mussels and Indicators of Biological Recovery Zone,
geliya v osadkakh okeanov), W74-06307 7-12 2J	W74-11802 7-22 5A	W74-06158 7-12 5C
OH P B I	SILVESTER, J. A.	Some Ecological Considerations in Locating a Nuclear-Powered Electrical Generating Facility
SILK, P. J. The Photochemistry of Carbamates. 1. The Photodecomposition of Zectran: 4-	A Diversity Indices Computer Program for Use in Aquatic Systems Evaluation, W74-11463 7-22 7C	on the North Anna River, Virginia, W74-05212 7-10 5C
Dimethylamino-3,5-XYLYL-N-Methyl Carba-	W/4-11403	
mate,	SILVESTER, R.	SIMMONS, H. B. Effects of Man-Made Works on the Hydraulic.
W74-07552 7-14 5B	Sediment Transport and Accretion Around the Coastlines of Japan,	Salinity, and Shoaling Regimens of Estuaries, W74-07249 7-14 50
SILKER, W. B. Marine Sciences,	W74-03690 7-07 2L	
W74-09237 7-17 5C	SILVEY, J. K. G. The Effects of Dibrom on Respiratory Activity	Field Experience in Estuaries, W74-04956 7-10 2L
SILLS, J. B.	of the Stonefly, Hydroperla Crosbyi, Hell-	Tidal and Salinity Model Practice,
The Efficacy of Quinaldine Sulfate as an Anesthetic for Freshwater Fish,	grammite, Corydalus Cornutus and the Golden Shiner, Notemigonus Crysoleucas,	W74-04958 7-10 2L
W74-10388 7-20 8I	W74-06040 7-12 5C	SIMMONS, J. W.
Preparation and Properties of Quinaldine Sulfate, an Improved Fish Anesthetic,	SILVEY, W. D. Underground Storage and Retrieval of Fresh	Application of Remote Sensing to Hydrology- Final Technical Report, W74-07940 7-15 2A
W74-10386 7-20 8I	Water from A Brackish-Water Aquifer,	W 14-07540 7-13 2A
Residue of Quinaldine in Ten Species of Fish	W74-03237 7-07 4B	SIMMONS, W. J.
Following Anesthesia With Quinaldine Sulfate,	SIM, L. K.	Determination of Low Concentrations of Cobalt in Plant Material by Atomic Absorption
W74-10389 7-20 5C	Interception Loss in the Humid Forested Areas (With Special Reference to Sungai Lui	Spectrophotometry, W74-01356 7-03 2K
SILVA, D. G. Air Force Environmental Research and	Catchment, West Malaysia),	
Development Program,	W74-07015 7-13 2D	SIMMONS, W. P. How Engineering Research is Reduced to Prac-
W74-10780 7-20 5G	SIM, S. W. Incineration of Liquid Wastes,	tice in the Bureau of Reclamation, W74-00200 7-01 10A
SILVA, J.	W74-13420 7-24 5D	
Ecological Survey of the Venezuelan Western Llanos: I. The Regional Ecological Units, (In	SIMARD, R. E.	SIMON, D. E. The Partition of Calcium Among Cementing
Spanish), W74-13355 7-24 6G	Biological Treatment of Water Used in Potato Chip Manufacture, With Yeasts, (In French),	Compounds in Aging Highway Concretes, W74-10853 7-20 8F
Ecological Survey of the Venezuelan Western	W74-05944 7-11 5D	
Ecological Survey of the Venezuelan Western Llanos: III. The Southern Part of the Barinas	SIMCO, B.	SIMON, F. O. A Pneumatic Sample Changer for Gamma-Ray
State, (In Spanish),	Monitoring Channel Catfish Use of a Demand	Spectroscopy,
W74-13500 7-24 4A	Feeder, W74-01237 7-03 8I	W74-02407 7-05 7E
Ecological Survey of the Venezuelan Western	17-01237	SIMON, L.
Llanos: IV. The Western Part of Apure State, (In Spanish),	SIMCO, B. A. Reclamation of Water for Reuse in Channel	Influence of Soil Structure and Moisture or
W74-13499 7-24 4A	Catfish Raceway Systems,	Nitrification, W74-02192 7-05 20
SILVER, B. B.	W74-12203 7-23 5G	SIMON, M.
Use of Histologic and Histochemical Assess- ments in the Prognosis of the Effects of	SIMENSTAD, C. A. The Feeding Ecology of the Rock Greenling,	The Mettma: A Mountain Stream as a Brewery's Draining Ditch: Microbiological In
Aquatic Pollutants, W74-12187 7-23 5A	Hexagrammos lagocephalus, in the Inshore Waters of Amchitka Island, Alaska,	vestigations Along the Gradient of Pollution (In German),
	W74-03505 7-07 2I	W74-00498 7-01 51
SILVER, W. J. Environmental Levels of Radioactivity in the	SIMEONI, G.	SIMON, N. T.
Vicinity of the Lawrence Livermore Laboratory - 1973 Annual Report,	Study of the Speed of Water Circulation in a Water-Bearing Limestone Deposit by Tracing	Methodology for Recovery and Identification of Enteropathogenic Escherichia Coli,
W74-11660 7-22 5B	Tests (La Serriere River Basin/NE),	W74-06151 7-12 5/
SILVERMAN, B. A.	W74-01563 7-03 2F	SIMONEIT, B. R.
Fog ModificationA Technology Assessment, W74-08177 7-16 3B	SIMM, K. Hydrochemical Typing of Small Lakes in	Application of Real-Time Mass Spectrometric Techniques to Environmental Organic
SILVERMAN, R. W.	Estonia, (In Russian),	Geochemistry. II. Organic Matter in San Fran
A Multiple Specific Ion Detector and Analog	W74-11268 7-21 2H	cisco Bay Area Water, W74-09742 7-18 5/
Data Processor For a Gas Chromatograph	Use of Sephadex Gel for the Fractionation of	
Quadrupole Mass Spectrometer System,	Organic Matter in Lake Water, (In Russian),	Organic Analyses of Black Sea Cores,
W74-03580 7-07 2K	W74-02343 7-05 5A	W74-12389 7-23 2

7-18 5A

SIMONIS, U. E.

SIMONIS, U. E. Environmental Disruption: Implication Economic Planning,	ns for	SIMPSON JR, E. C. Nitrate Determination by a Modified Conway Microdiffusion Method,	SINELNIKOV, V. E. A Multipurpose Spectrofluorimeter for the Study of Natural and Contaminated Water, (In
	18 6B	W74-03845 7-08 2G	Russian),
SIMONOV, A. I.		SIMPSON, M.	W74-13358 7-24 5A
Possible Changes in Salinity of Water Dnieper-Bug Lagoon in Connection wi		Sulphated Polysaccharide Synthesis in Brown Algae,	SINEY, O. P.
ture Diminution of Streamflow (Vozmo	zhnyye	W74-01824 7-04 5C	Conservation of Water Resources and Their Rational Use in the National Economy
izmeneniya solenosti vody Dneprovsk skogo limana v svyazi s predstoya		SIMPSON, R. B.	(Okhrana vodnykh resursov i ikh ratsional'noye
sokrashcheniyem rechnog o stoka),	ionemmi	Land Use of Northern Megalopolis,	ispol'zovaniye v narodnom khozyaystve), W74-02749 7-06 5D
W74-03530 7-	07 2L	W74-06630 7-13 4A	
SIMONOVIC, I.		SIMPSON, R. L.	SINEX, W. E. JR.
Reduction of Lead Absorption from	the In-	A Data Acquisition System for Ecological Field	Dissolution of a Porous Matrix by a Slowly Reacting Acid,
testine in Newborn Rats,	15 50	Studies, W74-07989 7-15 7B	W74-07860 7-15 8B
W74-07953 7-	15 5C		SINGER, A.
SIMONPIETRI, F.		SIMS, J. L. Effect of Phosphate and Chloride Salts on Am-	Some Aspects of the Ca and Sr Weathering
Disposal of Heated Water Through C water Systems - Vol. I: Technica		monification in Waterlogged Soils,	Cycle in the Lake Kinneret (Lake Tiberias)
Economic Feasibility,	ui aiiu	W74-03445 7-07 2G	Drainage Basin,
W74-12753 7-	24 5B	SIMS, R. C.	W74-04269 7-08 2J
SIMONS, D. B.		Enhanced Nitrification by Addition of Clinop-	SINGERS, W.
Analysis of Sediment Sorting in Alluvia	l Chan-	tilolite to Tertiary Activated Sludge Units,	The Calculation of Aquifer Chemistry in Hot-
nels,	. 02 . 27	W74-10479 7-20 5D	Water Geothermal Systems, W74-09916 7-19 2K
W74-01274 7	-03 2J	SIMUNDICH, T. M.	W/4-05510
River Response,		A Groundwater Quality Model: A Hybrid Com-	SINGH, A.
W74-03785 7-	-08 2E	puter Simulation, W74-10352 7-20 5B	Characteristics and Relationships of Mercury- Resistant Mutants and Methionine Auxotrophs
Rivers as Dynamic Systems,			of Yeast.
W74-02857 7-	-06 2E	Parameter Identification in Field Problems, W74-07428 7-14 7C	W74-11381 7-21 5C
SIMONS, J.		W/4-0/426	SINGH, B. P.
Vaucheria Species from the Dutch Brac	kish In-	SINCLAIR, R. A.	Effect of Irrigation and Fertilizer Levels on the
land Ponds 'De Putten',		Quality of Surface Water in Illinois, 1966-1971, W74-07678 7-15 5A	Yield and Quality of Groundnut,
W74-11194 7-	21 2H		W74-00469 7-01 3F
SIMONS, T. J.		SINCLAIR, R. G.	SINGH, G.
Development of Three-Dimensional Nu	ımerical	Slow-Release Pesticide System: Polymers of Lactic and Glycolic Acids as Ecologically	Land Management in Red (Chalka) Soils of
Models of the Great Lakes, W74-04051 7-	08 2H	Beneficial, Cost-Effective Encapsulating	Telengana,
		Materials,	W74-02086 7-04 3F
SIMONSON, G. H. Natural Resource Inventory and Monit	oring in	W74-13445 7-24 5G	SINGH, H.
Oregon With ERTS Imagery,	orms m	SINCLAIR, R. W.	Effect of Certain Physiocochemical Factors on
W74-06683 7-	-13 4A	Variation of the Low Level Winds During the Passage of a Thunderstorm Gust Front,	the Plankton of the Nangal Lake, W74-01778 7-04 5C
SIMPSON, C.		W74-00545 7-01 2B	
Determination of Trace Metals in	Sodium		SINGH, K. P.
Dithionite-Citrate Extracts of Soils an	nd Sedi-	SINCLAIR, T. C. The Pollution Sub-System,	The 7-Day 10-Year Low Flows of Illinois Streams,
ments by Atomic Absorption, W74-11425 7-	-21 5A	W74-03964 7-08 6G	W74-07677 7-15 2E
		SINCLAIR, W. C.	
SIMPSON, D. W. Deer and Rabbit Response to the Spray	v Irries.	Hydrogeologic Characteristics of the Surficial	Two-Distribution Method for Modeling and Sequential Generation of Monthly Stream-
tion of Chlorinated Sewage Effluent		Aquifer in Northwest Hillsborough County,	flows,
Land,		Florida, W74-04468 7-09 2F	W74-12283 7-23 2E
W74-12887 7-	-24 5D	W /4-04468 /-09 2F	SINGH, K. S.
SIMPSON, E. C.		Hydrogeologic Characteristics of the Surficial	Comparative Study on the Interactive Effect of
Nutrient Content of Barnlot Runoff Wa		Aquifer in Northwest Hillsborough County, Florida,	Qualities of Irrigation Water and Fertilizer
W74-01890 7-	-04 5B	W74-13208 7-24 2F	Levels on the Yield of Wheat Grown on Dif- ferent Soils,
SIMPSON, I. G.			W74-08779 7-17 3F
Uncertainty Analysis in the Economic	Evalua-	SINDEN, J. A. Flood Mitigation Versus Poplar Growing as Al-	
tion of Irrigation Systems, W74-10321 7	-19 3F	tern 'ive Public Investments: A Case Study,	SINGH, K. Y. AND
	., ,,	W74- 1832 7-04 6B	Waves Off Benghazi Harbour - Libya, W74-04608 7-09 2L
SIMPSON, J. H.	and Ite	Utility Analysis in the Valuation of Extra-Mar-	
Fine Structure of Light Attenuation Relation to Temperature in the Irish Sea		ket Benefits with Particular Reference to	SINGH, KANWAR
•	-23 2K	Water-Based Recreation,	Effect of Irrigation and Fertilizer Levels on the Yield and Quality of Groundnut,
SIMPSON, J. R.		W74-07150 7-14 6B	W74-00469 7-01 3F
The Institute and Europe,		SINDERN, J.	
W74-13294 7	-24 5G	Special Hydrometric Ships for the Inland Waterways of the Federal Republic of Ger-	SINGH, P. Determination of Water Intake Rate of Ad-
		waterways of the redetal Republic of Ger-	

7-22 7B

vance, W74-08275

7-16 3F

many, W74-11551

Tertiary Methods of Waste Treatment, W74-12422 7-23 5D

Shape Factors in Irrigation Water Advance SIONIT, N.

SIVE, D.

Equation, W74-05681	7-11 3F	Effect of Soil Water Potential on Growth and Yield of Sunflower (Helianthus Annuus),	Proposition OneFor New York's Environ- ment,
	/-II 3I	W74-12705 7-23 3F	W74-13222 7-24 5G
SINGH, P. K. Nitrogen Fixation by the Uni	icellular Rhie-	CINVO I I	SIVIERO, E.
Green Alga Aphanothece,	icentiai biue-	SIPKO, L. L. Higher Water Vegetation and Its Fauna of	Oil Pollution Monitoring in the Lagoon of
W74-03278	7-07 5C	Krotowaya Laga and Kusgan Lakes (North	Venice Using the Mussel Mytilus Galloprovin-
SINGH, R. M.		Kulanda), (In Russian), W74-02901 7-06 2H	cialis, W74-11948 7-22 5C
Diagnostic Techniques for Evalu	ating Irrigation	W/4-02501 /-00 2H	W 74-11746
Water Quality,	7.04 .4	SIPLE, G. E.	SIVTSEV, M. V.
W74-02083	7-04 5A	Buried Triassic Basin in the Central Savannah	Characteristics of Water Regime of Male and
SINGH, R. N.		River Area, South Carolina and Georgia,	Female Dioecious Plants as a Sign of Adapta-
Response of Corn to Time Phosphorus and Zinc Application		W74-07916 7-15 2F	tion to a Poor Water Supply, (In Russian), W74-12237 7-23 3F
W74-10337	7-19 3F	SIPPLE, W. S.	
***************************************		The Past and Present Flora and Vegetation of	Physiological Characteristics of Nepeta trans-
SINGH, R. P.		the Hackensack Meadows,	caucasica Grossh. Under Irrigated Conditions,
Kaempferol (3,5,7,4'-Tetrahydro		W74-07476 7-14 2I	W74-11649 7-22 2G
a Chromogenic Reagent for Tin()		SIRA, L. I.	SIZER, J. E.
W74-07579	7-14 5A	Effect of Irrigation on Dynamics of Microor-	Minnesota Natural Resource Information
SINGH, S.		ganism Quantity in Dark-Brown Soils in	System,
The Influence of Fertilizers an	d Irrigation on	Southern Ukraine, (In Ukrainian),	W74-03053 7-06 10B
Growth and Yield of Sweet Pota		W74-07279 7-14 2G	
W74-01989	7-04 3F		SIZOV, S. S.
Internal of the Party of the Pa	O	SIRENKO, L. A.	Characteristics of Water Regime of Male and
Interrelationships Between	Quantitative	Effect of Artificial Water Aeration on Basin	Female Dioecious Plants as a Sign of Adapta-
Geomorphic Characteristics of		Algal Flora, (In Russian),	tion to a Poor Water Supply, (In Russian),
Basins in Sub-Humid to Humid I Raiasthan.	Environment of	W74-03918 7-08 5C	W74-12237 7-23 3F
W74-13147	7-24 4A	SIRONS, G. J.	SJOBERG, S.
W/4-1314/	1-24 41	Residues of Atrazine, Cyanazine, and Their	The Use of Computer Simulations for Systems
SINGH, V. P.		Phytotoxic Metabolites in a Clay Loam Soil,	Ecological Studies in the Baltic,
Periodicity of the Blue-Green A	lgae and Their	W74-07585 7-14 5A	W74-04634 7-09 5B
Effect on the Efficiency of M	anure-Disposal		117-01034
Lagoons,		SIROTKIN, V. M.	SJOBLOM, G. L.
W74-00430	7-01 5D	Investigation of the Relation Between Moisture	Environmental Monitoring and Disposal of
CINCI ACHAD M A		Potential and 'Reduced Film Thickness' for	Radioactive Wastes from U.S. Naval Nuclear-
SINGLACHAR, M. A. Effect of Flooding and Cro	nning on the	Disperse Systems with Nonporous Particles,	Powered Ships and Their Support Facilities,
Changes in the Inorganic Phosp		(Issledovaniye zavisimosti mezhdu potentsi-	1972,
in Some Rice Soils,	phate I factions	alom vlazhnosti i 'privedennoy tolshchincy	W74-04441 7-09 5B
W74-12925	7-24 2G	plenki' dlya di spersnykh sistem s neporistymi	
		chastitsami),	SJOSTRAND, B.
SINGLEY, J. E.		W74-02304 7-05 2G	Mercury Content in Feathers of Swedish Birds
Analysis of Coprostanol, an Inc	licator of Fecal	SIRRINE, K. L.	from the Past 100 Years, W74-11382 7-21 5A
Contamination, W74-11794	7-22 5A	Conditioning and Disposal of Solids From	W 14-11302 1-21 3A
W/4-11/94	1-22 JA	Potato Wastewater Treatment,	SKAAR, C.
SINHA, E.		W74-06486 7-12 5D	Water in Wood,
Coastal - Estuarine and Nearsh	nore Processes,		W74-04545 7-09 21
an Annotated Bibliography,		SISEMORE, C.	
W74-12351	7-23 2L	Project Rio Blanco Spall Measurements Data	SKACHKOVA, N. A.
CINHA M C		Report,	Purification of Hydrolysis Plant Effluents from
SINHA, M. C. Storm Surges in the Bay of Benj	ool	W74-07797 7-15 4B	Carbohydrates (Ochistka stochnykh vod
W74-12985	7-24 2L	SISK, F. J.	gidroliznykh zavodov ot uglevodov), W74-12963 7-24 5D
		Submerged Turbine Aerator,	W74-12963 7-24 5D
SINITSKII, V. G.		W74-08027 7-15 5D	SKAGGS, R.
Experience in Sanitary Evaluat		W/4-0002/	Water Management Using Subsurface Drains,
of Polyethylene Pipes for Rura	l Water Supply	SISSENWINE, M. P.	W74-01717 7-04 3F
Lines, (in Russian),		Rhode Island Sound Dredge Spoil Disposal and	
W74-12716	7-23 5D	Trends in the Floating Trap Fishery,	SKAGGS, R. W.
SINNHUBER, R. O.		W74-13081 7-24 5C	Effect of Surface Drainage on Water Table
Accumulation of Dietary	Polychlorinated		Response to Rainfall,
Biphenyls (Aroclor 1254) by		SISSON, R.	W74-09813 7-19 2G
(Salmo Gairdneri),		The Economic Benefits of Abating Water Pol-	
W74-13321	7-24 5C	lution in the Steel, Textile, and Paper Indus-	
CINNOCK C		tries in Alabama, W74-03753 7-08 5D	tives, W74-09691 7-18 5D
SINNOCK, S. Recognition of Surface Lithole	onic and Tone	7-08 30	7-18 3D
graphic Patterns in Southwest		SITTIG, M.	Experimental Evaluation of a Method for
ADP Techniques,	Colorado with	Pollutant Removal Handbook,	Determining Unsaturated Hydraulic Conduc-
W74-02562	7-05 7B	W74-04527 7-09 5D	tivity,
			W74-07088 7-14 2G
SINYAK, YU. E.		SIVADJIAN, J.	Har of Waste Heat (- 0.11 W
Radiation Oxidation of Water		Increase in Foliar Transpiration as a Result of	
Water-Containing Human Waste		Traumatism in the Amphistomatic Plants,	Carolina, W74-07000 7-13 5D
W74-05252	7-10 5D	W74-01735 7-04 2D	W74-07000 7-13 5D

SKAISGIRIS, A. YU.

SKAISGIRIS, A. YU. New Composite Effluent-Purification Equip-	Methylmercury-Induced Chromosome Damage in Man,	SKOGERBOE, R. K. Analytical Applications of Pulsed Voltammetric
ment (Novyi kompleks ochistnykh sooruz-	W74-12503 7-23 5C	Stripping at Thin Film Mercury Electrodes,
henii), W74-03554 7-07 5D	'Normal' Concentrations of Mercury in Human	W74-01514 7-03 5A
W74-03554 7-07 5D	Tissue and Urine,	Emission Spectrometric Determination of Ar-
SKAKAL'SKIY, B. G.	W74-07685 7-15 5C	senic,
Impact of Urbanization on Quality of River	Organic Mercury Compounds-Relation	W74-06499 7-12 5A
Water (Vliyaniye urbanizatsii na kachestvo	Organic Mercury Compounds-Relation Between Exposure and Effects,	SKOGERBOE, V.
rechnykh vod), W74-10632 7-20 5B	W74-07687 7-15 5C	Consolidation of Irrigation Systems: Phase 1,
		Engineering, Legal, and Sociological Con-
Present Problems in the Study of Surface- Water Quality (Aktual'nyye problemy iss- ledovaniya kachestva poverkhnostnykh vod),	Symptoms and Signs of Intoxication, W74-07684 7-15 5C	straints and/or Facilitators, W74-01367 7-03 3F
W74-08050 7-15 5G	SKIBIN, D.	SKOPINTSEV, B. A.
	Comment on Water Pollution in Lake Michigan	Organic Matter in Water of Lake Onega and
Urbanization and Its Effects on Regimen and	from Pollution Aerosol Fallout,	Some Water Bodies of the Volga-Baltic Water-
Quality of Surface Waters (Urbanizatsiya i yeye vliyaniye na rezhim i kachestvo poverkh-	W74-10461 7-20 5B	way in the Summer of 1968 (Organicheskoye
nostnykh vod),	SKINNER, E. L.	veshchestvo v vode Onezhskogo ozera i neko- torykh vodoyemov Volgo-Baltiyskogo vodnoge
W74-01139 7-03 4C	Water Resources of Wisconsin, Lake Superior	puti letom 1968 g.),
	Basin,	W74-01725 7-04 5B
SKALABAN, V. D.	W74-12335 7-23 7C	
Problem of Measurement of Soil Moisture	CHINNED E III	Organic Matter in Water of the Volga River and
Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy	SKINNER, F. W.	its Reservoirs in June 1966 and July 1969
vlagi krioskopicheskim metodom),	Protection of the Environment During Demoli- tion Activities.	(Organicheskoye veshchestovo v vode Volgi i
W74-10265 7-19 2G	W74-11208 7-21 5G	yeye vodokhranilishch v iyune 1966 g. i iyule 1969 g.),
	7-21 30	W74-01724 7-04 5B
SKALNY, J.	SKINNER, M. M.	
Hardened Portland Cement Pastes of Low	Clarks Fork Yellowstone River Remote	SKORIK, L. V.
Porosity, Part 5: Compressive Strength, W74-09522 7-18 8F	Sensing Study,	Organic Matter of the Soil in the Kiev Reser-
W14-07322	W74-08386 7-16 2J	voir and its Role in the Development of Benthic
SKARLATOS, Y.	SKINNER, P. W.	Algae, (In Russian), W74-04281 7-08 5C
Detection of Dilute Organic Acids in Water by	A Network for Continuous Monitoring of	W 74-04281 7-08 3C
Inelastic Tunneling Spectroscopy,	Water Quality in the Trinity River Basin,	SKORODUMOV, A. S.
W74-13304 7-24 5A	Texas,	Productivity of Cereal Crops on Eroded Cher-
SKATULA, L.	W74-11995 7-22 5B	nozems Against Both Non-Fertilized and Fertil-
Protective Function of the Forest in Areas of	SKINNER, W. F.	ized Backgrounds, (In Russian), W74-01557 7-03 3F
Waterwork Reservoirs, (In Czech),	The Growth of Chlorella vulgaris in Sewage	W /4-0133/
W74-01582 7-03 4A	and Acid Mine Water,	SKOROPNAOV, S. G.
SKEA, J.	W74-02169 7-05 5C	Problems of the Organic Matter of Organogenic
Effect of Rate and Duration of Feeding DDT	SKIRDOV, I. V.	Soils, (In Russian),
on the Reproduction of Salmonid Fishes	Sewage Treatment in the Northern Areas of the	W74-05279 7-10 2G
Reared and Held Under Controlled Conditions,	U.S.S.R.,	SKORUPSKAS, I. M.
W74-11933 7-22 5C	W74-10164 7-19 5D	New Composite Effluent-Purification Equip-
SKEA, J. C.		ment (Novyi kompleks ochistnykh sooruz-
Effect of Blackfly Larviciding in Some Adiron-	SKLYAROVA, T. V.	henii),
dack Streams,	Taxonomic Composition of Aquatic Inver-	W74-03554 7-07 5D
W74-11489 7-22 5C	tebrates of the Don Basin in Comparison with Fauna of the Other Rivers of the Black Sea	SKOSYREVA, K. N.
CVEL 1 M	Caspian Basin, (In Russian),	Ways of Increasing the Production of Takyr
SKEI, J. M. Particulate Metals in Waters of Sorfjord West	W74-07537 7-14 21	Soils of the Tedzhen Delta, (In Russian),
Norway,		W74-08098 7-15 3F
W74-01528 7-03 5B	SKOGERBOE, G. V.	SKRINDE, R. T.
	Agricultural Impact on Water Quality in	Low-Pressure Ultrafiltration Systems for
SKELLY, M. J.	Western Rivers, W74-03796 7-08 5B	Wastewater Contaminant Removal,
Generalized Simulation Models for Mas-	W 14-03190 1-08 3B	W74-09634 7-18 5D
sachusetts Streams, W74-04118 7-08 5B	Culverts for Flow Measurement in Irrigation	
W/4-04110	Systems,	SKRIPACHEV, V. V.
SKELTON, J.	W74-04131 7-08 4A	On Squire's Theorem in the Study of Hydrodynamic Stability of Plane-Parallel Flows
Estimating Low-Flow Frequency for Perennial	Evaluation of Irrigation Scheduling for Salinity	of Incompressible Fluids about Deforming
Missouri Ozarks Streams, W74-08599 7-16 4A	Control in Grand Valley,	Boundaries,
W74-08599 7-16 4A	W74-11929 7-22 5G	W74-06911 7-13 8B
SKERFVING, S.		OPPRIVAN T A
Metabolism,	Flow-Measuring Flume for Wastewater for	SKRIVAN, J. A. Digital-Model Study of Ground-Water Hydrolo-
W74-07683 7-15 5B	Treatment Plants, W74-13032 7-24 5D	gy, Columbia Basin Irrigation Project Area,
Methods of Analysis,	H 14-13032 1-24 3D	Washington,
W74-07681 7-15 5A	Free Surface Subcritical Flow Measurement,	W74-08382 7-16 2F
	W74-11520 7-22 7B	

Selected Irrigation Return Flow Quality Abstracts 1972-1973, Third Annual Issue.

W74-11576 7-22 5G

Digital Simulation and Projection of Water-Level Declines in Basalt Aquifers of the Odessa-Lind Area, East-Central Washington, W74-00326 7-01 2F

W74-11330

Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish,

7-21 5B

SKULBERG, O. M.		SLAUGHTER, T. H.	SLONIM, C. B.
Observations on Planktonic Di		Seasonal Changes of Littoral Transport ar	
Lake-River System Lake Mjosa-	Lake Oyeren-	Beach Width and Resulting Effect on Prote	
River Glama, Norway,		tive Structures,	W74-06034 7-12 5C
W74-13341	7-24 2H	W74-06664 7-13 2	SLOTH, E.
SKULBERG, R.		SLAWSON, G. C. JR.	A Fossil Plant Environmental Impact Study,
Observations on Planktonic Di	atoms in the	Chemical and Biological Problems in the Gran	
Lake-River System Lake Mjosa-		Canvon.	
River Glama, Norway,	0,01011	W74-07093 7-14 5	B SLOTTA, L. S.
W74-1334!	7-24 2H		Dredging Problems and Complications,
		SLEATH, J. F. A.	W74-12761 7-24 5C
SKWARA, Z.		Stability of Laminar Flow at Seabed,	SLOVACEK, R. E.
Effluents from Waste Paper S		W74-10220 7-19 2	The Effects of Carbon Dioxide Concentration
(Scieki po oczyszczaniu masy ma		SLETTEN, W. H.	on Oxygen Evolution and Fluorescence
W74-12972	7-24 5B	Evaluation of Graded Furrow Irrigation wi	th Transients in Synchronous Cultures of Chlorel-
Purification of Bleached Kraft	Mill Effluents	Length of Run on a Clay Loam Soil,	la pyrenoidosa,
by Activated Sludge Treatment		W74-08927 7-17	F W74-00239 7-01 5C
metoda osadu czynnego sciekov			
masy celulozowej siarczanowej b		SLEVIN, P. J.	SLUKHAI, S. I.
W74-05267	7-10 5D	The Determination of Cadmium by Atomic A	
		sorption in Air, Water, Sea Water and Uri	W74-13352 7-24 2I
SLACK, J. R.		with a R.F. Carbon Bed Atomizer,	
Just a Moment,		W74-01441 7-03	A SLUSARCHUK, W. A.
W74-07414	7-14 2A	SLEZAK, M. W.	Performance of a Warm-Oil Pipeline Buried in
CI ADE D		Treatment of Oily Wastes from a Steel Mill,	Permafrost,
SLADE, D.		W74-12726 7-23	D W74-04423 7-09 8D
Oceanic Atmospheric Dispersion W74-09865		7-25	
W /4-09863	7-19 5C	SLIGHTOM, E. L.	SLUSARCZUK, G. M. J. Method of Coagulating Suspended Solid Impu-
SLADE, E. A.		Sigma-Inductive Model vs. Field Model. Obse	rities in Water with Silicone-Silica Composi-
Migration and Redistribution of	Zinc and Cad-	vation of a Reversed Attenuation Effect,	tions,
mium in Marine Estuarine System		W74-00323 7-01 2	K W74-12441 7-23 5D
W74-09777	7-18 5B	SLINN, D. J.	
		Water Circulation and Nutrients in the North	SMAJSTRLA, A. G.
SLADE, R. M. JR.		West Irish Sea.	Dynamic Simulation of Automated Substituce
Hydrologic Data for North Creel	k Trinity River	W74-12322 7-23	Irrigation Systems,
Basin Texas, 1972,		174-12522	W74-08931 7-17 3F
W74-10640	7-20 7C	SLITER, J. T.	SMALE, B. C.
SLADECEK, V.		Meeting the NPDES Deadline: Does Clo	se Pulp and Paper Mill Sludge Utilization and
Four Metasaprobic Communitie	s of Colorless	Only Count in Horseshoes.	Disposal.
Flagellates.	. 01 001011000	W74-13314 7-24	5G W74-02278 7-05 5D
W74-01006	7-02 5B	Ozone: An Alternative to Chlorine,	
		W74-09714 7-18	SMALE, D.
The Reality of Three British Biot	ic Indices,	W/4-09/14 /-16 .	Siletetes and Associated Silica Diagenesis in
W74-03289	7-07 5A	SLOAN, P. R.	Southern Africa and Australia, W74-04067 7-08 2J
Th. S		Growth Rates of Marine Phytoplankton: Co	Or- 7-08 23
The Structure of Saprobic Comm		relation with Light Absorption by C	ell SMALII, V. T.
W74-03746	7-07 21	Chlorophyll A.,	Effect of Irrigation on Dynamics of Microor-
The Vector of Saprobity and	the System of	W74-08742 7-17	C ganism Quantity in Dark-Brown Soils in
Water Quality,	ojstem ot	CLOAN P. I	Southern Ukraine, (In Ukrainian),
W74-01074	7-02 5A	SLOAN, R. L. Coastal Sand Mining in Northern Californ	W74-07279 7-14 2G
		U.S.A	
SLAGLE, S. E.		W74-03371 7-07	SMALL, E. Photosynthetic Rates in Relation to Nitrogen
Hydrogeologic Data from Gre			Recycling as an Adaptation to Nutrient Defi-
Scott and Lane Counties, Kansas		SLONEKER, J. H.	ciency in Peat Bog Plants,
W74-12068	7-23 4B	Processing Animal Wastes for Feed and Ind	18- W74-05065 7-10 5C
SLASTIKHIN, V. V.		trial Products,	
Erodibility of Soils Under Storm	Runoff Condi	W74-10152 7-19	
tions (Erodiruyemost' pochy v		Bassyan of Animal Food from Cattle Manua	Free-Living Protozoa of the Chesapeake Bay
	usioviyakii iiv-	Recovery of Animal Feed from Cattle Manur W74-00429 7-01	Exemption of a commitment and the a informates;
nevogo stoka).			
nevogo stoka), W74-11449	7-21 21	W/4-00429 /-01	5D W74-00904 7-02 2L
nevogo stoka), W74-11449	7-21 2J	SLONEKER, L. L.	7.05 22
W74-11449 SLATYER, R. O.		SLONEKER, L. L. Effect of Varying the On-Off Time of Rain	SMALL, E. B. AND fall Scanning Electron Microscopy of Fixed,
W74-11449		SLONEKER, L. L.	SMALL, E. B. AND fall Scanning Electron Microscopy of Fixed,

Acute Toxicity of Beryllium Sulfate to the

Effect of Water Hardness on the Tolerance of the Guppy to Beryllium Sulfate,
W74-06034 7-12 5C

7-13 2J

7-07 5C

7-12 5C

SMALL, G. G.

W74-01972

W74-09575

SMALL, H.

Subsurface Quality Transformations During the Initiation of a New Stabilization Lagoon,

Excretion and Absorption of Methyl Mercury After Polythiol Resin Treatment,

W74-06903

SLONIM, A. R.

W74-03297

Common Guppy,

7-13 2B

7-13 4D

7-09 2F

W74-07043

Research,

W74-06884

SLAUGHTER, C. W.

mafrost Groundwater, W74-04394

An Expanding Role for Subarctic Watershed

Recharge of a Central Alaska Lake by Subper-

SMALL L. F.

(Raspredeleniye i osobennosti organicheskikh SMITH, A. W. SMALL, L. F. Flux of Ce-141 Through a Euphausiid veshchestv rechnykh vod tundrovoy zony), Ecological River Basin Management, 7-07 2K Crustacean, W74-03534 W74-09559 W74-04191 7-08 SC Distribution Patterns of Organic Matter in Dead End Pore Volume and Dispersion in River Waters of the Wooded Tundra Zone SMALL, T. A. Groundwater Resources of Val Verde County, (Zakonomernosti raspredeleniya Porous Media, ganicheskogo veshchestva rechnykh vod W74-00951 Texas. W74-02620 7-05 2F lesotundrovoy zony), SMITH, B. J. W74-03255 7-07 2K SMALLEY, I. J. Quickclays as Products of Glacial Action: A SMIRNOV, N. P. New Approach to Their Nature, Geology, Dis-Asynchronous Long-Period Streamflow Fluctribution and Geotechnical Properties, tuations in the European USSR Dated January 1968, Final Supplement, W74-04590 7-09 2G W74-03476 (Asinkhronnost' mnogoletnikh kolebaniy stoka rek yevropeyskoy territorii SSSR), SMALLWOOD, C. JR. SMITH, B. S. L. 7-12 2E A Refraction Study and Program for Periodic Wastewater Characterization of Sweet Potato Processing. Nature of Seven-Year Cycles in Long-Term ing Beyond the Breaking Point, W74-01324 7-03 5A Fluctuations of Volga Runoff (O prirode W74-04340 semiletney tsiklichnosti v mnogoletnikh SMALLWOOD, H. kolebaniyakh stoka Volgi), Intermedia Aspects of Air and Water Pollution SMITH, C. E. W74-01727 7-04 2E American Cockroach Feeding in Sewer Access W74-00703 Quasi-Biennial Streamflow Variation in the or Kepone Plus a Mold Inhibitor, USSR. SMARDON, R. C. W74-13011 7-24 2A Assessing Visual-Cultural Values of Inland Wetlands in Massachusetts, Quasi 2-year Variation in Runoff of USSR W74-09651 7-18 6B Rivers (Kvazidvukhletnyaya variatsiya v stoke W74-11947 rek SSSR). SMART, J. S. Sulphamerazine Toxicity in Cut-Throat Trout 7-08 2E Channel Network Simulations, Broodfish Salmo clarki (Richardson), W74-11068 W74-10443 7-20 4A Spatial Patterns of Long-Period Streamflow Fluctuations in the European USSR, The Random Model in Fluvial Geomorphology, SMITH, C. K. W74-12981 7-24 2A W74-11035 SMIRNOV, R. E. Some New Methods of Topologic Classificaon an Ammi Pontoon, Reduction of Pollutants in **Effluents** tion of Channel Networks. W74-10405 (Umen'shenie postupayushchikh v stok W74-09221 7-17 8B zagryaznenii), SMITH, C. L. W74-05432 7-11 5B SMAUS, R. J. Aerobic Treatment of Feedlot Runoff, SMIRNOV, YU. M. **Evaluating Development Decisions**, 7-21 5D W74-11281 W74-01056 Additional Purification of Chemically Treated Effluents (Doochistka Khimicheski obrabotan-SMEDILE, ELIO nykh stochnykh vod), Study on the Periphytic Colonizations of a and PID Controllers. W74-03071 7-06 5D Lateral Environment of the River Po(Italy), (In W74-06750 Italian), Intensification of Sand Filter Operation W74-07702 7-15 21 (Intensifikatsiya raboty peschenykh fil'trov), Bay Entrance, W74-12958 7-24 5D SMEDLEY, S. C. W74-08831 7-17 5A The Effects of Land Use on Salmon Produc-SMIRNOVA-GARAEVA, N. V. SMITH, C. N. tion. Coastal-Water Vegetation of the Lower W74-09411 7-18 4C Reaches of the Dnestr (In Russian), Types, W74-04813 7-09 2L SMETHIE, W. M. JR. W74-11805 Some Aspects of the Temperature, Oxygen and SMIRNOVA, L. VE. Nutrient Distributions in Monterey Bay, Evaluation of the Effect of Human Activity on California. Annual Report, Part 1, 1973, Impact of a Proposed Reservoir on Local Land Runoff of Large Rivers in the Caucasus (Kura, W74-07469 Terek, Kuban') (Otsenka vliyaniya khozyaystvennoy deyatel'nosti na stok krupnykh rek SMEYERS-VERBEKE, J. trol Measures - Phase 3, A Comparison of Fast Destruction Methods for Kavkaza (Kura, Terek, Kuban')), W74-00558 W74-10630 7-20 4C the Determination of Trace Metals in Biological Social and Cultural Impact of a Proposed Materials. SMITH, A. D. W74-01317 7-03 5A Movement of Nitrate Nitrogen in Some Grass-W74-00557 SMILES, D. E. land Soils of Southern Alberta. Infiltration into a Swelling Material, W74-08329 7-16 5B

W74-08230

W74-04493

SMILES, D. E. AND

Swelling Systems,

SMIRNOV, M. P. Distribution and Characteristics of Organic Matter in River Waters of the Tundra Zone

Measurement of Moisture Diffusivity of Wet

bility and Stability of Some Metal Ions at Low Concentrations in Aqueous Solution. Part II, W74-00261 7-01 5A

A Study of the Variation with pH of the Solu-

SMITH. A. J.

SMITH, A. E.

7-16 2G

7-09 2G

Synthesis of Metabolic Intermediates, W74-12563 7-23 5C 7-18 4A

North Coastal Area Investigation. South Fork EEL River Study: A Summary of the Public Hearing Comments on the Preliminary Edition 7-07 6B

Waves Approaching a Shoreline, and Extend-7-09 8B

Shafts on Paraffin Baits Containing Propoxur

Factors Influencing Formalin Toxicity in Trout. 7-22 SC

Test and Evaluation of an 80,000 GPD Reverse Osmosis Seawater Desalination Plant Mounted 7-20 3A

Differential Reproduction as a Criterion for 7-02 6B

Digital Control Algorithms. Part III. Tuning PI 7-13 7C

Investigation of Surface Films - Chesapeake

Herbicide Runoff from Four Coastal Plain Soil 7-22 5B

Values, Anthroplogical Analysis of Social and Cultural Benefits and Costs from Stream Con-7-02 6B

Reservoir on a Rural Kentucky School District, 7-02 6B

SMITH, C. V.

Ultrafiltration Water Treatment, W74-09636 7-18 5F

SMITH, C. W.

Highlights of the Federal Water Pollution Control Act of 1972. W74-05780 7-11 5E

A Radioactive Isotopic Characterization of the Environment Near Wiscasset, Maine: A

Preoperational Survey in the Vicin	nity of the	Sewage Disposal System,	SMITH, J. D.
Maine Yankee Atomic Power Plant, W74-06855		W74-10577 7-20 5D	The Aidjex Lead Experiment, W74-05158 7-10 2C
		The Water Relations of the Alga Cyanidium	
SMITH, D. B. Age and Growth of the Cisco in Or	neida I ake	Caldarium in Soil, W74-12777 7-24 5B	Selective Nutrient Removal from Secondary Effluent.
New York.	icida Lake,		W74-04045 7-08 5D
W74-02072	7-04 2H	SMITH, E. F.	
Tritium Water Tracing,		A Computerized Solution for Bench Leveling	SMITH, J. E. JR.
W74-10615	7-20 5B	W74-06600 7-13 4A	Lime Stabilization of Primary Sludges, W74-07760 7-15 5D
SMITH, D. E.		SMITH, E. H.	The properties of Sludges,
Alternating Current Polarography		Long Term Changes in Marine Ecosystem:	W74-05967 7-12 5D
monic Multiplex Mode. Observation Use of Digital Signal Conditionin		Ecological Relationships Between Tomales Bay and Adjacent Shelf Waters,	SMITH, J. H.
Fast Fourier Transform Algorithm,	ig with the	W74-00038 7-01 2L	
W74-00631	7-02 7C		Economic Factors of Development and Opera-
Effect of Radiation, Salinity and T	emperature	SMITH, E. L. Mormon Lake,	tion,
on the Ionic Regulation of the Blue		W74-12784 7-24 6B	W74-09048 . 7-17 6C
linectes sapidus,			SMITH, J. K.
W74-07818	7-15 5C	SMITH, E. M.	Improved Ethyl Cellulose Membranes for
Relative Leaching Rates of Commo	on Nitrogen	Exploration for a Buried Valley by Resistivity and Thermal Probe Surveys,	Reverse Osmosis Application, W74-00157 7-01 3A
Carriers From Sandy Soils in Relat		W74-07935 7-15 2F	W /4-0015/ /-01 3A
Eutrophication,			SMITH, J. P.
W74-01654	7-04 5B	The Salinity Gradient and Vegetation in the Saugatucket River Estuary,	transfer and trans
SMITH, D. F. JR.		W74-12667 7-23 2L	Resources Management, W74-10901 7-21 6E
Thermodynamics of Acid-Base Ed			
Ionization of m- and vbenzotrifluoride and the Concept	p-Hydrox-	SMITH, F. A. Effects of Protozoa on the Fate of Particulate	SMITH, J. R.
Double Bond-No Bond Resonance,		Carbon.	Brine Disposal Treatment Practices Relating to the Oil Production Industry,
W74-01226	7-03 2K	W74-01117 7-03 5C	W74-12211 7-23 5D
Thermodynamics of Acid-Base Ed	milibria m'	SMITH. F. W.	
and p' Hydroxybenzaldehyde,	quinona. in	Material Property-and Boundary Condition Ef-	SMITH, K. Reservoir Storage and the Thermal Regime of
W74-03738	7-07 2K	fects on Stresses in Avalanche Snowpacks,	Rivers, with Special Reference to the River
SMITH, D. G.		W74-02743 7-06 2C	Lune, Yorkshire,
Utilization of Remotely-Sensed I	Data in the	SMITH, G.	W74-05464 7-11 4A
Management of Inland Wetlands,		Pothole Community Management for Livestock	Sanitary Implications of Small Boat Pollution in
W74-11727	7-22 7B	and Wildlife in the Intermountain Region,	an Atlantic Estuary.
SMITH, D. H.		W74-03083 7-06 4A	W74-08771 7-17 5G
Application of Real-Time Mass Sp		SMITH, G. E.	SMITH, K. L. JR.
Techniques to Environmenta	l Organic	Human and Animal Wastes as Fertilizers, W74-00419 7-01 5D	Respiration of a Sublittoral Community,
Geochemistry. II. Organic Matter i cisco Bay Area Water,	in San Fran-	W74-00419 7-01 5D	W74-04874 7-10 5B
W74-09742	7-18 5A	SMITH, G. L.	SMITH, L.
Originary Development of Description	h C	Costs for Large Scale Continuous Pyrolysis of	Advanced Treatment of Purified Sewage for
Origin and Development of Beac Monterey Bay, California,	en Cusps at	Solid Wastes, W74-00404 7-01 5D	Production of High-Brightness Pulp and Paper,
W74-06313	7-12 2J		W /4-02280 /-05 3D
CMITTIE D. 1		Modeling of Turbulent Transport in the Surface	The Full-Scale Refinement of Purified Sewage
SMITH, D. J. Lower San Joaquin River Water	Quality In-	Layer, W74-04795 7-09 2D	for Unrestricted Industrial use in the Manufac-
vestigationAppendix F: Public He	aring,		ture of Fully Bleached Kraft-Pulp and Fine Paper.
W74-02142	7-04 6D	SMITH, G. P. The Detection of Subsurface Stream Channels	W24 02006
Viscosity Actuated Phase Separat	ing (VAPS).	in Carbonate Rocks by Geoelectrical Methods,	
For Oil-Water Separations,	,,	W74-05541 7-11 2F	
W74-10231	7-19 5G	SMITH, H.	W/4-01419 /-03 3A
SMITH, D. K.		Suspended Solids Analysis Using ERTS-A	SMITH, L. D.
A Report on the Limnology of Mo	onroe Reser-	Data,	Sociocultural Impact of Reservoirs on Local
voir, Indiana,	2.00	W74-08301 7-16 2	Analysis of Social and Cultural Benefits and
W74-04792	7-09 2H	SMITH, H. F.	Costs from Stream Control MeasuresPhase 4,
SMITH, D. V.		Pilot Scale Investigations of Well Recharge	W74-04311 7-09 6B
A Hybrid Model for Irrigation Pla		Using Cored Samples, W74-03823 7-08 5E	SMITH, L. L.
Chance Constrained Program Hydrologic Simulation,	ming and		Recovery of Phosphates and Metals from
		CMITH I	Phosphate Sludge by Solvent Extraction

7-03 4B SMITH, J.

7-16 5B

W74-10981

W74-09863

W74-01488

W74-08287

SMITH, D. W.
Diffusion System for Cold Climate Lagoons,
W74-10169 7-19 5D

Ground Water Quality Effects on Domestic Water Utilization,

Swimming Endurance and Resistance to Copper and Malathion of Bluegills Treated by Long-Term Exposure to Sublethal Levels of Hydrogen Sulfide,
W74-01579 7-03 5C

W74-08590

SMITH, L. L. JR.

Recovery of Phosphates and Metals from Phosphate Sludge by Solvent Extraction,

7-21 5F

7-19 5B

Trace Organic Contaminants in Drinking Water; Evaluation of Semi-Permeable Mem-branes and Osmotic Pumping to Achieve Con-centration,

Water Motion and Water-Sediment Interaction,

7-16 5D

SMITH, L. S. Drug Resistant Coliforms Call f	or Review of	SMITH, N. P. Summertime Temperature and Cir	rculation Pat-	SMITH, R. H. Effects of Underwater Demolition of vironment in a Small Tropical Marine		En-
Water Quality Standards, W74-10497	7-20 5D	terns in Lake Superior, W74-07338	7-14 2H	W74-00233	7-01	5C
		SMITH, P.		SMITH, R. J.		
SMITH, L. W. Dehydrated Poultry Manure as a	Crude Protein	Our Great Lakes,		Automated Hydraulic Waste-Handlin	ng Syst	tem
Supplement for Sheep,	Crude Protein	W74-10784	7-20 5C	for a 700-Head Swine Facility Usin		
W74-00413	7-01 5G		. 20 50	lated Water,		
	, 01 00	SMITH, P. A.		W74-09682	7-18	5D
Nutritive Evaluations of Animal M		The Distribution of Trace Metals		Demonstration of Three Pagingulat	ing Cu	ina
W74-10155	7-19 5D	cial Sediments Surrounding Kew	eenaw Point,	Demonstration of Three Recirculat Waste Management Systems,	ing 5w	ine
SMITH, M.		Upper Michigan, W74-11391	7-21 5B	W74-10198	7-19	5D
Evaluation of Digestion Techni	iques for the	W/4-11321	7-21 30			-
AAS Determination of Metal Cor		SMITH, P. D.		Relationships of Indicator and Patho	genic B	ac-
Kelp,		The Effect of Density on Water F	Retention Pro-	teria in Stream Waters, W74-01645	7-03	rn.
W74-10986	7-21 5A	perties of Field Soils, W74-00358	7-01 2G	W /4-01643	7-03	эв
Impact of Forest Management Pr	actices on the	W 74-00338	7-01 20	Soil Water and Growth of Rice and V	Veeds,	
Aquatic Environment,	actives on the	Mechanisms that Regulate Grov	wth Rates of	W74-02104	7-04	3F
W74-12355	7-23 5C	Phytoplankton in Shagawa Lake, I		CMITTIE D. I		
		W74-10422	7-20 5C	SMITH, R. L. Determination of Discharge-Freque	ancy D	ela.
SMITH, M. A.		SMITH, P. L.		tionships Utilizing Non-Linear Hy		
Field Test of an Environmental I	mpact Assess-	The Spreading and Transport of	Oil Slicks on	and a Modified Rational Formula,	, di ogia	Pilo
ment Methodology, W74-12357	7-23 6G	the Open Ocean in the Presen		W74-05406	7-11	2A
W /4-12337	7-23 OG	Waves, and Currents,				
SMITH, M. F.		W74-05919	7-11 5B	A Subsurface Ribbon of Cool Wate	r Over	the
Planning, Equipment and Training	ng for Oil Pol-	CMITTIE D		Continental Shelf Off Oregon, W74-12324	7-23	25
lution Control,		SMITH, R. Costs of Wastewater Renovation,		W 14-12324	1-43	2E
W74-10621	7-20 5G	W74-07141	7-14 5D	SMITH, R. M.		
Self-Righting Floating Booms,		***************************************	7-14 32	Effects of Egg Concentrations of		
W74-00965	7-02 5G	Design and Simulation of Equaliza		Dieldrin on Development in Winter	r Floun	ıder
	. 02 00	W74-08046	7-15 5D	(Pseudopleuronectes Americanus),	7.12	**
SMITH, M. H.		A Mathematical Model for Aerobi	ic Digestion	W74-06091	7-12	SC
Relationships Between Levels o		W74-05856	7-11 5D	SMITH, R. P.		
in Dominant Plants and Arthrop		1177 03030	711 32	Water Resources of the Little Ri	ver Ba	sin,
taminated Streambed Community W74-06016	7-12 5C	Mathematical Model for Post Aer		Louisiana,		
W 74-00016	7-12 SC	W74-08045	7-15 5D	W74-07671	7-15	4A
The Role of Electrical Forces in	the Develop-	SMITH, R. B.		SMITH, R. P. JR.		
ment and Dissipation of Clouds a	nd Fogs,	Soil Water Content: Microwave O	ven Method.	Oil Reclaiming Device for Removin	g Oil f	rom
W74-13199	7-24 3B	W74-10206	7-19 2G	the Surface of Water.		
SMITH, M. J.				W74-07206	7-14	5G
An Analytical Method for Total	Heavy Metal	SMITH, R. C.		CMITH D V		
Complexing Agents in Water ar		The Photosensitizing Action of C The Action of 2-Naphthylamine of		SMITH, R. V. The Chemistry and Quantitative Util	ity of S	odi-
tion to Water Quality Studies,		Coli K-12 and Paramecium Cauda		um Cobaltinitrite in the Determ		
W74-02658	7-06 5A	W74-08095	7-15 5C	Phenols,	mation	01
Common Minnesstations Bossisson	nt for Alone			W74-00465	7-01	5A
Copper Micronutrient Requireme W74-01398	7-03 5C	SMITH, R. E.				
1174-01376	7-03 30	Point Processes of Seasonal Rainfall 2. Rainfall Depth Probabi		SMITH, S. C. Economics and Economists in Wate	Daca	
The Importance of Chelating Ag	ents in Natural	W74-09927	7-19 2B	Development,	r Kesoi	arce
Waters and Wastewaters,		114-03221	7-17 ZB	W74-13061	7-24	6B
W74-01326	7-03 5B	Point Processes of Seasonal				-
SMITH, M. W. AND		Rainfall 3. Relation of Point Rai	nfall to Storm	SMITH, S. D.		
Thermal Disturbance Due to Ch	annel Shifting.	Areal Properties,	7 10 AD	Comparative Food Habits of Four		
Mackenzie Delta, N.W.T., Canad		W74-09928	7-19 2B	Stream-Dwelling Vertebrates (Dicam satus, D. copei, Cottus tenuis, Sa		
W74-04351	7-09 2C	Sample Disturbance and Thaw Co	onsolidation of	neri).	anno ga	and-
		a Deep Sand Permafrost,		W74-01982	7-04	21
SMITH, N. The Use of Polyurethane Foam	Disetics in the	W74-04387	7-09 2C			
Construction of Expedient R		SMITH, R. G.		SMITH, S. F.		
mafrost in Central Alaska,	oads on rei	Dose-Response Relationship As	sociated with	Sewage Flow Control System,	2.12	(D
W74-04421	7-09 8G			W74-08916	7-17	שכ
		Levels of Inorganic Mercury,		SMITH, S. J.		
SMITH, N. AND	na Dunie a Dani	W74-06800	7-13 5C	Nitrogen Mineralization Potentials o		
Encountering Massive Ground Id	e During Koad		and its Com	W74-11272	7-21	2G
Construction in Central Alaska, W74-04420	7-09 4C	Methods of Analysis for Mercury pounds: A Review,	and its Com-	Relative Movement of Bromide a	and Na	trate
	7-09 40	W74-06785	7-13 5A	Through Soils,	u 1411	rate
SMITH, N. D.				W74-07423	7-14	5B
Sedimentology and Bar Formation						
Kicking Horse River, A Bra	uded Outwash	An Improved Ion-Exchange Tech Concentration of Manganese From		Spectrophotometric Determination	ı of	Soil
Stream, W74-08297	7-16 23		7-11 5A	Water Content, W74-01770	7-04	26

a Deep Sand Permafrost,

SMITH, S. L.

Diel Overturning in Lakes,

Sample Disturbance and Thaw Consolidation of a Deep Sand Permafrost,

SMYLY, W. J. P.
Bionomics of Cyclops strenuus abyssorm Sars

W74-10797	7-20 5B	W74-04387	7-09 2C	(Copepoda:Cyclopoida), W74-05344	7-10 5C
SMITH, T.		SMITHSON, G. R. JR.			
W.A.L.R.U.S. Water and Land		Trace Metals in Effluents from	Metallurgical	SMYTHE, A.	
Utilization Simulation Player's	Manual	Operations,		Emphasizing Quality Control,	202 45
(Wisconsin Version),		W74-09212	7-17 5D	W74-03636	7-07 5F
W74-11041	7-21 6A	Water Balletine Control in the Bri	N	SMYTHE, S. J.	
SMITH, T. B.		Water-Pollution Control in the Pri rous-Metals Industry Volum		Comprehensive Regional Water	and Sewer
Warm Fog Area Seeding Studies,		Zinc, and Lead Industries,	e i. Copper,	Systems Inventory and Analysis,	
W74-11032	7-21 3B	W74-05116	7-10 5D	W74-02837	7-06 6B
11 / 11 10 22	7-21 35	117 03110	7-10 515	and the state of t	
SMITH, T. I. J.		Water-Pollution Control in the Pri	imary Nonfer-	SNADDON, X. V. M.	
The Commercial Feasibility of Rea		rous-Metals Industry Volume	II. Aluminum,	Printout Colorimeter for Autoanaly	sis of Water
pano, Trachinotus carolinus (Lin	naeus), in	Mercury, Gold, Silver, Moly	bdenum, and	Pollution, W74-02374	7.05 64
Cages,		Tungsten,		W 14-02314	7-05 5A
W74-09566	7-18 81	W74-05117	7-10 5D	SNAPE, T. R.	
SMITH, T. R.		SMITS, H.		Management Priorities: Now and th	e Future,
A Derivation of the Hydraulic Ge	cometry of	Agricultural Aspects,		W74-07755	7-15 6B
Steady-State Channels from Conserv		W74-05002	7-10 4A		
ciples and Sediment Transport Laws		11 14-03002	7-10 4A	SNEDAKER, S. C.	
W74-07633	7-15 2J	SMOL'YANINOV, V. M.		Models of Matter Flow in a Sout	
		Artificial Recharge of Groundw	ater by Local	Hardwood Forest in Florida: Results,	Prenminary
SMITH, V. E.		Surface Runoff (Iskusstvennoye		W74-07813	7-15 5B
Elevation Dependent Model for Esti	mating An-	zapasov podzemnykh vod za so	het mestnogo	# 74-07013	7-13 38
nual Runoff,		poverkhnostnogo stoka),		SNEE, R. D.	
W74-02317	7-05 2A	W74-06450	7-12 4B	Some Aspects of Nonorthogonal	Data Analy-
Reliability of Snowmelt Runoff	Predictions			sis, Part II. Comparison of Means,	
Based on Mass Balance Procedu		SMOLONOGOV, E. P.		W74-00612	7-02 7C
Index Methods.		The Age Dynamics and the Econ		CHEED D F	
W74-10536	7-20 2C	Cuttings in Broad Leaved Da		SNEED, R. E. Agricultural Water Demand in Nor	th Carolina
		Forests of the Water Protective		Phases I and II.	th Caronna.
Surface Water System 1973,		the UFA River Within the Svere	novsk Region,	W74-01112	7-03 6D
W74-10695	7-20 7C	(In Russian), W74-07600	7-14 4A	W/4-01112	7-03 02
Utilization of ERTS 1 Date to M	lanitar and	W 74-07000	7-14 4/1	Irrigation Cost for Land Disposal,	
Utilization of ERTS-1 Data to M Classify Eutrophication of Inland La		SMOLYAK, L. P.		W74-09428	7-18 5D
W74-06698	7-13 5A	Dynamics of Forest, Meadow	and Swamp		
11 74-00076	/-13 JA	Vegetation in Connection with		Types of Irrigation Systems, W74-08800	2 12 25
Utilization of ERTS-1 Data to m	nonitor and	(Based on Studies in Belorussia)		W /4-08800	7-17 3F
Classify Eutrophication of Inland La	akes,	sian),		SNEKVIK, E.	
W74-07484	7-14 5C	W74-09746	7-18 2I	Low pH Levels Wipe Out Salmo	n and Trout
				Populations in Southernmost Norw	
SMITH, W. G.		SMOOT, G. F.		W74-05356	7-10 5C
Enrichment of Marsh Habitats wi	ith Organic				
Wastes, W74-03337	7-07 5D	Major Rivers by the Moving-Boa	7-22 7B	SNELL, C. M.	vermation in
W 14-03331	7-07 3D	W74-11506	7-22 /B	Project Drum Inlet: Explosive Ex Saturated Sand,	xcavation in
SMITH, W. H.		Water-Quality Monitoring and I	Data Transmis-	W74-12014	7-23 8H
Engineering and Construction Pr	actices for			W /4-12014	1-23 BH
Gray and Ductile Cast-Iron Pipe,		W74-11556	7-22 7B	SNEYD, A. D.	
W74-09728	7-18 8B			Effect of Drain Depth and Gap	Width on
		SMRCHEK, J.		Potential Flow in Homogeneous Po	rous Soil,
Metal Contamination of Urban Woo		Systems simulation of the effe		W74-10568	7-20 4A
W74-12506	7-23 5B	treatment for euroon, mitogen, a		CNIDED D M	
SMITH, W. L.		removal upon primary product		SNIDER, D. M. Instability of Water Cooled from A	hove
The Dynamics of Brown Trout (Sa	almo trutta)	crop, and community structure		W74-07458	7-14 2H
and Sculpin (Cottus spp.) Populat		and netertrophic communities	in receiving	W 14-01436	7-14 2M
dicators of Eutrophication,		model streams.	714 60	SNIDER, E. H.	
W74-03904	7-08 5C	W74-07337	7-14 5C	Ozone Treatment of Dye Waste,	
		SMRCHEK, J. C.		W74-11101	7-21 5D
Full-Scale Harvest of Aquatic Plan	ts: Nutrient	Comparative Ecology and Zoopl	ankton of Two	CNIEGOCKI B T	
Removal from a Eutrophic Lake,	210 60	Manufand Donde Including a Con		SNIEGOCKI, R. T. Clogging in Recharge Wells, Cause	s and Cures
W74-09438	7-18 5G	rence of Diaptomus (Calanoida:		W74-03824	7-08 4B
A Tanner Looks at the Federal Wat	er Pollution	W74-03308	7-07 5C	11-03024	7-00 45
Control Act Amendments of 1972,				SNIESZKO, S. F.	
W74-08863	7-17 5G	SMREK, A. L.		The Effects of Environmental St	
		Modified Delves Cup Atom		breaks of Infectious Disease of Fis	
Weed Harvest and Lake Nutrient D		Determination of Lead in Blood,		W74-12249	7-23 5C
W74-00150	7-01 5C	W74-01415	7-03 5A	enine i o	
SMITH, W. S.		SMSEL, G. L. JR.		SNIHS, J. O. The Content of Some Natural Rad	ligactive Fla
Cargo Spill Probability Analysis for	or the Deen		Algal Flora of	ments, Especially Rn-222, in So	
Water Port Project,	the Deep	a Small Recreational Impoundme		Waters in Sweden,	. outle
W74-00819	7-02 5B		7-11 5C	W74-06372	7-12 2K

SNIPES, R. J.

SNIPES, R. J. Floods of June 1965 in Arkansas River Basin,	SOBSEY, M. D. Concentration of Enteroviruses from Large	Surface-Water Resources of the USSR and Their Change Resulting from Human Economic
Colorado, Kansas, and New Mexico, W74-13207 7-24 2E	Volumes of Water, W74-02271 7-05 5F	Activity (Resursy poverkhnostnykh vod SSSR i ikh izmeneniye pod vliyaniyem khozyaystven-
		noy deyatel'nosti),
Water in the San Luis Valley, South-Central Colorado,	Virus Concentration from Sewage, W74-01533 7-03 5D	W74-01133 7-03 4A
W74-00331 7-01 2A		Surface Water Resources of the USSR and
SNOEYINK, V. L.	SODER, E. M. Contribution to Mineral Nutrition of Cattle	Their Change Under the Effect of Industrial
Chlorine Residuals in Treated Effluents,	from Drinking Water,	and Agricultural Activity, W74-12983 7-24 4A
W74-08891 7-17 5C	W74-02103 7-04 5A	W 14-12763 1-24 4A
Determination of the Fate of Polynuclear Aro-	CODERCREN	SOKOLOVA, I. E.
matic Hydrocarbons in Natural Water Systems,	SODERGREN, A. A Simplified Clean-Up Technique for Or-	Purification of Effluents and Improvement of the Technology in the Production of
W74-07827 7-15 5A	ganochlorine Residues at the Microliter Level,	Chloretone, (In Russian),
Reactions of Chloramines with Active Carbon,	W74-00058 7-01 5A	W74-07285 7-14 5D
W74-07544 7-14 5B	SODERQUIST, C. J.	SOKOLOVA, L. S.
CNOW	Determination of Cacodylic Acid	Electric and Thermal Properties of Rocks,
SNOW, A. Who Bears the Cost of Pollution Control. The	(Hydroxydimethylarsine Oxide) by Gas Chro-	W74-07906 7-15 8E
Impact on the Distribution of Income of	matography, W74-05448 7-11 5A	COPOLOVA V A
Financing Federally Required Pollution Con-	1711 JA	SOKOLOVA, V. A. Zooplankton in Kolyma-Indigirka Lakes (In
trol, W74-12781 7-24 6C	SOEHNGEN, J. S.	Russian).
W/4-12/81 /-24 6C	Seawater Desalination with PBI Hollow Fiber Reverse Osmosis Membranes,	W74-01341 7-03 2H
SNOW, N. B.	W74-08842 7-17 3A	SOLBE, J. F. DE L. G.
The Effect of Season and Animal Size on the		The Relation Between Water Quality and the
Caloric Content of Daphnia pulicaria Forbes, W74-07038 7-13 2H	SOEROHALDOKO, S. Soil Respiration in Different Types of	Status of Fish Populations in Willow Brook,
	Southeast Asian Tropical Rain Forest, (In Ger-	W74-11932 7-22 5C
SNOWDEN, J. O. Chemical Quality of Surface and Sediment	man),	The Toxicity of Zinc Sulphate to Rainbow
Pore Water in Louisiana and Mississippi Estua-	W74-09246 7-17 2G	Trout in Very Hard Water,
ries,	SOHL, W. E.	W74-11321 7-21 5C
W74-02825 7-06 5A	Method for Separating Oil from Water,	SOLDAT, J. K.
SNYDER, H. H.	W74-03023 7-06 5G	Models and Computer Codes for Evaluating
Effects of Colorado River Water Quality and	SOHN, I. G.	Environmental Radiation Doses,
Supply on Irrigated Agriculture,	Cypretta kawatai, A New Species of Fresh-	W74-09824 7-19 5B
W74-08014 7-15 3C	water Ostracoda (Crustacea),	Radiological Evaluations for Advanced Waste
SNYDER, J. H.	W74-05454 7-11 5G	Management Studies,
A Simulation Approach to Recreation Planning	SOILEAU, H. J.	W74-05176 7-10 5B
(A Case of Changing Quality), W74-06996 7-13 6B	Adjustable Water Level and Erosion Control	SOLI, G.
	Device, W74-10589 7-20 3F	Hydrocarbon-Oxidizing Bacteria and Their
SNYDER, R. P. Electric and Caliper Logs as Lithologic Indica-	W/4-10309 /-20 3F	Possible Use as Controlling Agents of Oil Pol-
tors in Volcanic Rocks, Nevada Test Site,	SOKOL, R. A.	lution in the Ocean, W74-02618 7-05 5G
W74-10836 7-20 8G	Cloud Seeding for Snow Augmentation: Land Use Ramifications of Residual Silver Iodide	765 30
SNYDER, S. S.	Nucleating Agents,	Hydrocarbon-Oxidizing Bacteria and Their
Determination of Submicrogram Amounts of	W74-09606 7-18 5B	Possible Use as Controlling Agents of Oil Pol- lution in the Ocean,
Mercury by the Oxygen Bomb Combustion	SOKOL' SKAYA, N. P.	W74-06075 7-12 5B
Method, W74-11388 7-21 5A	Changes in Morphological Composition of the	Marine Hydrocarbonoclastic Bacteria: Types
W 74-11300 7-21 3A	Blood of Larval Fish Bitten by Water Bugs	and Range of Oil Degradation,
SNYDER, W. S.	Fam. Corixidae), (In Russian), W74-05209 7-10 5C	W74-08623 7-16 5B
Applied Health Physics and Safety Annual Report 1971,	W14-03207	COLODNIKOVA E A
W74-11669 7-22 5B	SOKOLOSKI, A.	SOLODNIKOVA, E. A. Dynamics of Trace Elements in Liman-
CORFI A T	Institutional Considerations, W74-07147 7-14 6E	Meadow Soils of the Arid Zone of Central
SOBEL, A. T. Electric In-House Drying of Poultry Waste,		Cazakhstan, (In Russian),
W74-00426 7-01 5D	Multi-Disciplinary Study of Water Quality	W74-00479 7-01 5B
Pilot Plant Comparison of Liquid and Dry	Relationships: A Case Study of Yaquina Bay, Oregon,	SOLOMATINA, V. D.
Waste Management Systems for Poultry	W74-07142 7-14 6B	Study of Metabolic Regulations Between
Manure,	SOKOLOV, A. A.	Cyanophyceae and Fish (In Russian), W74-05327 7-10 5C
W74-09709 7-18 5D	All-Union Hydrologic Congresses	
Undercage Drying of Laying Hen Manure,	(Vsesoyuznyye gidrologicheskiye syezdy),	SOLOMON, D.
W74-09678 7-18 5D	W74-08056 7-15 6E	Environmental Research and Highways, W74-08251 7-16 5B
SOBOTOVICH, E. V.	Problem of Rational Use and Conservation of	7-16 3B
Raiocarbon in Glacial Water of The El'brus Re-	Water Resources and Goals of Hydrology	SOLOMON, D. J.
gion (Radiouglerod v lednikovoy vode	(Problema ratsional'nogo ispol'zovaniya i ok- hrany vodnykh resursov i zadachi gidrologii),	The Energetics of Feeding, Metabolism and Growth of Perch (Perca fluviatilis L.),
Priel'brus'ya), W74-10380 7-20 2K	W74-08055 7-15 6B	W74-02109 7-04 21
	. 10 00	, 0, 2,

Canoeist Suggestions for Stream Management	Deformation Moduli of Water-Bearing Forma-	Rhythmic Pattern of Longshore Bars Related to
in the Manistee National Forest of Michigan, W74-09404 7-18 6B	tions at Elevated Temperatures, W74-07726 7-15 4B	Sediment Characteristics, W74-04750 7-09 21
SOLOPENKO, L. I. Thermal Regime of the Lower Reaches of the	Predicting Thermal Conductivities of Forma- tions from Other Known Properties,	SONU, C. J. Collective Movement of Sediment in Littoral
Danube River in Autumn and Winter,	W74-10089 7-19 8E	Environment,
W74-02605 7-05 2C	SOMMERFELD, M. R.	W74-04621 7-09 23
SOLOV' EVA, A. A.	A Technique for Extraction and Storage of	Longshore Currents and Nearshore Topogra-
Primary Phytoplankton Productivity in the Eastern Murman Bays, (in Russian),	Water Samples for Mn, Cd, and Pb Determina- tion by Atomic Absorption Spectroscopy,	phies, W74-03627 7-07 2E
W74-12703 7-23 5C SOLOV'EVA, E. S.	W74-05293 7-10 5A	Topographic Changes in the Surf Zone Profile, W74-03609 7-07 2
Purification of Sulfite Mill Effluents from	SOMMERFELD, R. A. A Centrifugal Tensile Tester for Snow,	CORRED W F
Lignosulfonates (Ochistka promstokov sulfit- no-tsellyuloznogo proizvodstva ot	W74-00682 7-02 2C	SOPPER, W. E. Crop Selection and Management Alternatives- Perennials.
lignosul'fonatov), W74-08412 7-16 5D	Statistical Problems in Snow Mechanics,	W74-05979 7-12 5E
	W74-02745 7-06 2C	Effects of Land Disposal of Wastewater or
SOLOVYKH, G. N.	SOMMERFELDT, T. G.	Exchangeable Cations and Other Chemical Ele
Characteristics of Bacterioplankton of the Ural River in the Orenburg Region, (In Russian),	Effect of Feedlot Manure on Soil and Water	ments in the Soil,
W74-12497 7-23 5C	Quality, W74-02157 7-05 5B	W74-12881 7-24 5E
SOLTANI MOHAMMADI C. B.		Effects of Land Disposal of Wastewaters or
SOLTANI-MOHAMMADI, G. R. Problems of Choosing Irrigation Techniques in	Movement of Nitrate Nitrogen in Some Grass-	Soil Phosphorus Relations,
a Developing Country,	land Soils of Southern Alberta, W74-08329 7-16 5B	W74-12880 7-24 5E
W74-06333 7-12 3F	-11	Renovation of Municipal Wastewater Through
SOLYOM, P.	SOMMERS, L. E.	Land Disposal by Spray Irrigation, W74-12876 7-24 51
The Investigation of Biodegradability of	Determination of Total Phosphorous in Soils: A Rapid Perchloric Acid Digestion Procedure,	W/4-120/0 /-24 3E
Branched Nonyl Phenol Ethoxylates,	W74-11273 7-21 2G	Renovation of Secondary Effluent for Reuse a
W74-08798 7-17 5D	A Simple Direction December for Estimation	a Water Resource, W74-10197 7-19 5I
Long-Term Stability of Waste Lignins in	A Simple Digestion Procedure for Estimation of Total Nitrogen in Soils and Sediments,	
Aquatic Systems, W74-03078 7-06 5B	W74-08324 7-16 5B	Using Sewage Effluent and Liquid Digester Sludge to Establish Grasses and Legumes of
SOMAN, S. D.	SOMOV, N. V.	Bituminous Strip-Mine Spoils, W74-07612 7-15 5I
Environmental Tritium Contamination from	International Scientific and Technical Coopera- tion in the Field of Water Problems	
Nuclear Power Program, W74-02018 7-04 5B	(Mezhdunarodnoye nauchno-tekhnicheskoye sotrudnichestvo v oblasti vodnykh problem),	Vegetation Responses to Irrigation with Treated Municipal Wastewater,
SOMAROO, B. H.	W74-01138 7-03 6E	W74-12885 7-24 5I
A Useful Spray Reagent to Differentiate Com-	COMPRES A	SORBER, C. A.
mon Phenolic Compounds on Thin-Layer	SOMPPI, L. A Procedure for Short-Term Bioassay Tests on	Evaluation of Existing Field Test Kits fo
Plates and Paper Chromatograms, W74-05460 7-11 5A	Industrial Effluents of Low Oxygen Content, W74-02961 7-06 5C	Determining Free Chlorine Residuals in Aque ous Solutions, W74-06162 7-12 5/
SOMASUNDARAN, P.		
The Effect of Dissolved Hydrocarbon Gases in	SOMSAK, L.	Protection of the Public Health,
Surfactant Solutions on Froth Flotation of	Natural Phytocenoses of the River Littoral in the Lower Reaches of the River Hron,	W74-11849 7-22 51
Minerals, W74-10288 7-19 5D	W74-06550 7-13 2I	SOREMARK, C.
	SONDEL, J. A.	Establishment of a Closed System for th Paper Making Process,
SOMAYAJULU, B. L. K. Th-234/U-238 Activity Ratios in Pacific Ocean	Mercury Pollution of Lake Erie Ecosphere,	W74-12412 7-23 51
Bottom Waters.	W74-01985 7-04 5B	Franklishman of a Claud Course for the
W74-07322 7-14 2K	SONG, W. O.	Establishment of a Closed System for th Papermaking Process,
SOMERHALDER, B. R.	Experimental Studies of Beach Scour Due to	W74-12944 7-24 51
Pasture Irrigation with a Center-Pivot Sprinkler	Wave Action,	SORENSEN, D. B.
System,	W74-05035 7-10 2J	Computerized Digital Data Acquisition System
W74-06601 7-13 3F	SONG, Y. K.	for Thermogravimetry and Similar Applica
SOMERS, D.	Ecological Studies on the Penaeus orientalis	tions, W74-02977 7-06 21
Ecological Study of the Cyanophytes and	Kishinoue Cultured in a Pond Filled with Sea	
Chlorophytes in Some Ponds Around Bruges: Determination of the Degree of Trophism in	Water: I. Growth Rate as Related to the Sub- strate Materials, Survival Rate, Predator of P.	SORENSEN, J. C.
Accordance with Schroever's PD Quotient, (In	Orientalis, and Water Conditions of Culturing	Procedures and Programs to Assist in the Er vironmental Impact Statement Process.
German),	Pond,	W74-07061 7-14 6
W74-01012 7-02 5C	W74-00486 7-01 5C	SORENSEN, R. C.
SOMERS, E. V.	SONIER, F.	Response of Subirrigated Hay Meadows to th
Power Plant Effluent - Thermal Pollution or	A Numerical Model of Multiphase Flow	Application of Nitrogen, Phosphorus, and Su
Energy at a Bargain Price, W74-02888 7-06 5B	Around a Well, W74-04258 7-08 4B	fur, W74-08802 7-17 3
7-02000 /-00 DB	1-06 4B	11.1-00002 /-1/ 3

SORENSEN, R. M.

		N, R. M. r and Stability	of	a Na	tural Tidal I	nlet,
W	74-033	65			7-07	2L
Α	Field	Investigation	of	the	Hydraulics	and

A Field Investigation of the Hydraulics and Stability of Corpus Christi Water Exchange Pass, Texas, W74-10361 7-20 21.

SORENSEN, T.

Buoyancy Spread of Waste Water in Coastal Regions, W74-04630 7-09 5B

SORENSON, J. R. J.

Interferences in the Determination of Metallic Elements in Human Hair, An Evaluation of Zinc, Copper, Lead and Cadmium Using Atomic Absorption Spectrophotometry, W74-09760 7-18 5A

Mercury in Human Hair, A Study of the Residents of Los Alamos, NM, and Pasadena, Calif., by Cold Vapor Atomic Absorption Specrophotometry, W74-09759 7-18 5A

SODEV M I

Use of Finite-Difference Arrays of Observation Wells to Estimate Evapotranspiration from Ground Water in the Arkansas River Valley, Colorado, W74-03508 7-07 2D

SORGELOOS, P.

A Culture System for Artemia, Daphnia, and Other Invertebrates, with Continuous Separation of the Larvae, W74-03283 7-07 5A

SORIANO, A.

Flow Toward Periodic Title Drains, W74-08923 7-17 2F

Unsteady Flow to Bottom Drain in Bounded Aquifer, W74-08926 7-17 2F

SORIBE, F. I.

Comparison of Strength Test Methods for Corrugated Plastic Drainage Tubing,
W74-06602 7-13 8A

SORKIN, M

Development and Flight Test of the Multichannel Ocean Color Sensor (MOCS), W74-05026 7-10 7B

SORNBERGER, G. C.

Simulation of Dissolved Oxygen Profile, W74-08823 7-17 5B

SOROCHKIN, V. M.

Some Features of Water Infiltration into Soil During Sprinkler Irrigation (Nekotoryye osobennosti vpityvaniya vlagi v pochvu pri dozhdevanii), W74-11013 7-21 2G

SOROKIN, C.

Photosynthesis in Cell Development, W74-08713 7-17 5C

SOROKIN, V. N.

Data on the Biology of Selengi Omul Juveniles Coregonus Autumnalis Migratorius (Georgi), (In Russian), W74-13376 7-24 5C SOROKINA, A. A.

Data on the Biology of Selengi Omul Juveniles Coregonus Autumnalis Migratorius (Georgi), (In Russian), W74-13376 7-24 5C

SOROOS, R. L.

Evaluation of Methods of Pumping Test Analyses for Application to Hawaiian Aquifers, W74-07531 7-14 5C

SOUGNEZ, N.

The Oak Forest Mixed with Bistort of the Ardennes (Polygono Roboris), (In French), W74-13301 7-24 21

SOULE, D. F.

Marine Studies of San Pedro Bay, California.
Part I: Circulation Patterns in Los AngelesLong Beach Harbor Drogue Study Atlas and
Data Report,
W74-05708 7-11 2L

SOULE, D. M.

Reservoirs and Local Government Finance, W74-03748 7-07 6B

SOULIS, E. D.

The Forecasting of Streamflow Using the Method of Characteristic Modes, W74-07178 7-14 4A

SOUTAR, A.

Deposition of DDE and Polychlorinated Biphenyls in Dated Sediments of the Santa Barbara Basin, W74-09097 7-17 5B

SOUTH, W. D.

The Activated Sludge Process using High-Purity Oxygen for Treating Kraft Mill Wastewater, W74-03068 7-06 5D

SOUTHARD, J. B.

Flume Experiments on the Transition from Ripples to Lower Flat Bed with Increasing Sand Size, W74-04063 7-08 2J

SOUTHWORTH, G. R.

Prediction of Environmental Quality in De-Enriched Stream Systems,
W74-12347 7-23 5C

sow, o

Incidence of, and Beliefs About, Onchocerciasis in the Senegal River Basin,
W74-06231 7-12 5C

SOWELL, R. S.

Agricultural Water Demand in North Carolina: Phases I and II, W74-01112 7-03 6D

SPADEA, M. C.

Free Oscillations in the Gulf of Civitavecchia and the Effect of Kinetic Viscosity (Le Oscillazioni Libere Del Golfo Di Civitavecchia E L'azione Della Viscosita Cinematica), W74-02703 7-06 2L

SPALL, R.

Occurrence and Distribution of Helminth Parasites of Fishes from Lake Carl Blackwell, Oklahoma, W74-00230 7-01 5B

SPANDOWSKA, S.

The Influence of Certain Toxic Substances, Contained in Domestic Wastes, on the Bacteria Escherichia Coli and Pseudomonas Flourescens, (L'Influence De Certaines Substances Toxiques, Contenues Dans Les Eaux D'egouts Municipaux, Sur Les Bacteries Escherichia Coli Et Pseudomonas Flourescens), W74-11301 7-21 5C

SPANGELO, R. C.

Separation of Monosubstituted Phenol Isomers Using Liquid Crystals, W74-05447 7-11 5A

SPANGER, W. J.

Methylmercury: Bacterial Degradation in Lake Sediments. W74-13038 7-24 5B

SPANGLER, G. R.

Lake Huron: Effects of Exploitation, Introductions, and Eutrophication on the Salmoid Community, W74-00244 7-01 5C

SPARHAM, V. AND

Sedimentation Tanks, W74-04708 7-09 5D

SPARKS, C. J. JR.

Development of High Sensitivity X-Ray Fluorescence for Analyses of Trace Toxic Elements, W74-12028 7-23 5A

Development of High Sensitivity X-Ray Fluorescence for Analysis of Trace Toxic Elements, W74-12912 7-24 5A

SPARKS, R. E.

In-Plant Biological Monitoring, W74-03855 7-08 5A

A Tentative Proposal for a Rapid In-Plant Biological Monitoring System, W74-12183 7-23 5A

SPASOV, V. P.

The Action of Mineral Fertilization on Pasture Herbage, Irrigated with Sewage, (In Russian), W74-01559 7-03 5D

SPECHT, R. L.

Water Use by Perennial Evergreen Plant Communities in Australia and Papua New Guinea, W74-01634 7-03 2D

SPEDDING, D. J.

The Absorption of Low Concentrations of Sulphur Dioxide into Aqueous Solutions, W74-12311 7-23 5B

The Solubility of Very Low Concentrations of Carbon Monoxide in Aqueous Solution, W74-12316 7-23 5B

SPEECE, R. E.

Hypolimnion Aeration with Commercial Oxygen - Vol. I - Dynamics of Bubble Plume, W74-06525 7-13 5D

Hypolimnion Aeration with Commercial Oxygen - Vol. II - Bubble Plume Gas Transfer, W74-06526 7-13 5D

SPEER, T. I

Effects of Ground-Ice Variability and Resulting
Thaw Settlements on Buried Warm-Oil
Pipelines,
W74-04422 7-09 4C

SPELLICY, R

Measurements Program for Oil-Slick Characteristics--Final Report,
W74-01941 7-04 5B

		The state of the s
SPENCER, B.	A Technique for Simultaneous Echo Location	SPOFFORD, W. O. JR.
Design Criteria for Irrigation Systems with	of Fish and Thermal Plume Mapping,	Total Environmental Quality Management
Complex Pipe Loops,	W74-04229 7-08 5B	Models,
W74-06585 7-13 3F	SPIGEL, S.	W74-05398 7-10 5G
SPENCER, B. G.	Socio-Economic Impact of Estuarine Thermal	SPOLIA, S. K.
Public Participation in Water Resources	Pollution,	Modelling of Surface Runoff Systems by an
Planning and Decision-Making Through Infor-	W74-12353 7-23 5C	ARMA Model,
mation-Education Programs: A State-Of-The-	CHANGE IN M.	W74-12993 7-24 2A
Arts Study, W74-10393 7-20 6B	SPINELLI, W. M. Spectrophotometric Determination of Copper	Sequential Generation of Streamflow,
W 14-10575	and Iron Subsequent to the Simultaneous Ex-	W74-12281 7-23 2E
SPENCER, D. W.	traction of BIS(2,9-Dimethyl-1, 10-	
Aspects of the Distribution and Trace Element	Penanthroline) Copper (I) and BIS (2,4,6-	SPOMER, L. A.
Composition of Suspended Matter in the Black Sea.	TRI(2-Pyridyl)-1, 3, 5-Triazine) Iron (II) into	Saturated Water Flow Through Clay Pots, W74-03306 7-07 3F
W74-11709 7-22 5B	Propylene Carbonate,	W 14-03300 1-07 3F
	W74-11910 7-22 5A	SPOMER, R. G.
Distribution of Some Trace Elements in Black	SPIRA, D. T.	Nitrogen Losses in Surface Runoff from
Sea and Their Flux Between Dissolved and Particulate Phases,	Ichthyophthirius Multifilis (Fouquet) in the	Agricultural Watersheds on Missouri Valley
W74-12376 7-23 5B	Mirror Carp, Cyprinus Carpio L.: I. Course of	Loess, W74-06345 7-12 5B
	Infection,	W /4-00343 /-12 3B
SPENCER, J. R.	W74-13397 7-24 5C	Quality of Water Discharged from Two
Tensiometer Use in Shallow Ground-Water Studies,	SPIRIDONOFF, S. V.	Agricultural Watersheds in Southwestern Iowa,
W74-06343 7-12 4B	Design and Use of Radial Collector Wells,	W74-07528 7-14 5B
	W74-05098 7-10 8B	SPOSITO, G.
SPENCER, W. F.		Thermodynamics of Swelling Clay-Water
Manganese and Iron Solubility Changes as a Factor in Tile Drain Clogging: I. Observations	SPIRIDONOV, A. I.	Systems,
During Flooding and Drying,	Some Problems in Age Determination of Groundwater (Nekotoryye voprosy rascheta	W74-02071 7-04 2G
W74-07151 7-14 2G	vozrasta podzemnykh vod),	CRD ARENDY I A
	W74-02611 7-05 2F	SPRABERRY, J. A. Estimating Soil Erosion from the Redistribution
Manganese and Iron Solubility Changes as a		of Fallout Cs-137.
Factor in Tile Drain Clogging: II. Observations During the Growth of Cotton,	SPIRING, A. N.	W74-06901 7-13 2J
W74-07152 7-14 2G	Cesium Distribution in the Surface Layer of the	1.07
	Pacific Ocean, W74-02055 7-04 5B	SPRAGUE, J. B. The ABC's of Pollutant Bioassay Using Fish.
Volatility of DDT Residues in Soil as Affected by Flooding and Organic Matter Applications,	117 02000	W74-12176 7-23 5A
W74-07424 7-14 5B	SPIRO, M. H.	W/4-121/0 /-23 3A
7-14 35	Applicability of Programming Models to Pricing	SPRAY, D. C.
SPERLING, J. A.	and Risk Control in Water Resource Manage-	Heating and Cooling Rates in Four Species of
Patterns of Radiocarbon Uptake by a Thermo-	ment, W74-06104 7-12 6A	Turtles,
philic Blue-Green Alga Under Varying Condi- tions of Incubation,	7-12 075	W74-04243 7-08 5C
W74-02972 7-06 5C	On Taxation as a Pollution Control Policy,	SPRENT, J. I.
	W74-09049 7-17 5G	Effects of Water Stress on Growth and
SPIELVOGEL, E. R. Speed of the Solitary Wave,	SPITSYN, V. I.	Nitrogen-Fixing Activity of Trifolium repens,
W74-06320 7-12 2J	Disposal of Radioactive Wastes,	W74-07352 7-14 3F
712 23	W74-04445 7-09 5D	SPRINGER, A. M.
SPIELVOGEL, L. Q.		Cellulosic Deposits in Benthal Environments:
Speed of the Solitary Wave,	SPITZER, C. F.	Occurrence, Evolution, and Decomposition,
W74-06320 7-12 2J	Digital Magnetic Recording of Wideband Analog Signals,	W74-08423 7-16 5B
SPIERS, B.	W74-02982 7-06 7C	SPROUL, C. R.
The Results of an Agricultural Analysis of the	7.00 7.0	Artificial Recharge of Treated Waste Waters
ERTS-1 MSS Data at the Johnson Space	SPIVAK, E.	and Rainfall Runoff into Deep Saline Aquifers
Center, W74-01686 7-04 3F	Design of Optimal Sewerage Systems,	of Peninsula of Florida,
W /4-01000 /-04 31	W74-00183 7-01 5D	W74-03242 7-07 5E
SPIFF, E. D.	Engineering Aspects of Waste Water Treat-	SPROUL, O. J.
Acetylene Reduction by Beijerinckia Under	ment in Aerated Ring-Shaped Channels,	Inactivation of Poliovirus in Water by Ozona-
Various Partial Pressures of Oxygen and Acetylene,	W74-11065 7-21 5D	tion,
W74-07572 7-14 5C	CHI INTER W F	W74-06156 7-12 5D
	SPLINTER, W. E. Other Research Needs,	Technical and Economic Aspects of Water and
SPIGARELLI, J. L.	W74-00140 7-01 5G	Waste Water Ozonation: A Critical Review,
Methylmercury: Bacterial Degradation in Lake Sediments.		W74-11070 7-21 5D
W74-13038 7-24 5B	SPODNIEWSKA, I.	annumii a n in
	Field Experiment on the Factors Controlling	SPRUIELL, C. E. JR.
SPIGARELLI, S. A.	Primary Production of the Lake Plankton and Periphyton,	Laboratory Flotation Studies of Tennessee Phosphates in the Presence of Slimes,
Ecological Factors Affecting the Accumulation of Cesium-137 Fallout by a Natural Population	W74-05056 7-10 5C	W74-08588 7-16 5D
of Largemouth Bass, (Micropterus Salmoides),		
W74-05204 7-10 5C	Long-Term Changes in the Plankton of	SPRUILL, E. L.

Studies of the Sinking Plume Phenomenon, W74-02644 7-05 5C

W74-11482

Long-Term Changes in the Plankton of Eutrophic Mikolajskie Lake as an Effect of Accelerated Eutrophication.

SPRUILL, E. L.

Color Removal and Sludge Recovery from Total Mill Effluent,

W74-03077

7-22 5C

SPRUILL, E. L. JR.

SPRUILL, E. L. JR.	ST, G.	The Role of Micro-Organisms in Waste Tip-
Color Removal and Sludge Disposal Process	Cancellation of Spectrophotometer System Characteristics Using an Analog Computer,	Lagoon Systems Purifying Coke-Oven Ef- fluents.
for Kraft Mill Effluents, W74-11803 7-22 5D	W74-06874 7-13 2K	W74-01647 7-03 5D
SPURLOCK, B. O.	Scanning Electron Microscopy of Bacterial	STAFFORD, D. B.
Microbes and Petroleum: Perspectives and Im-	Colonies,	An Annotated Bibliography of Aerial Remote
plications,	W74-04885 7-10 5A	Sensing in Coastal Engineering,
W74-08621 7-16 5B		W74-02646 7-05 2L
ONLING DURAN B	ST, J. Aquatic Midge Larvicides, Their Efficacy and	STAGG, D. C.
SPYERS-DURAN, P. Observations of the Cloud Nucleus Concentra-	Residues in Water, Soil, and Fish in a Warm-	Analysis by Means of Gas Bubble Electrifica-
tion Around the St. Louis Urban Complex,	Water Lake,	tion,
W74-06939 7-13 2B	W74-09443 7-18 5G	W74-02406 7-05 2K
	ST, J. A.	STAHL, J. B.
Upwind and Downwind Cloud-Base Micros-	Potential Danger from the Indian Catfish,	A Portable Apparatus for Pressure Sieving Bot-
tructure, W74-06940 7-13 2B	Heteropneustes fossilis (Bloch),	tom Samples,
715 25	W74-05829 7-11 8I	W74-12258 7-23 7B
SPYRIDAKIS, D.	ST JEAN, R.	STAHL, L.
Nutrient Income Change Related to Plankton	A Preliminary Evaluation of a Discrete Sample	Anatomy of a Shoreface-Connected Sand
Algae, W74-04318 7-09 5C	Analyzer for Chemical Analysis of Water,	Ridge on the New Jersey Shelf: Implications for the Genesis of the Shelf Surficial Sand
W 74-04316	W74-10936 7-21 5A	Sheet.
SQUIRES, L. E.	OT D	W74-05723 7-11 2J
An Ecological Survey of the Algae of Hunting-	ST, R. A. Age, Growth and Mortality of the White Perch,	
ton Canyon, Utah,	Morone americana, in the James and York	STAHR, H. M. Determination of Chlorinated Pesticides in
W74-13469 7-24 5C	Rivers, Virginia,	Whole Blood.
SREENIVASA, M. R.	W74-02101 7-04 5C	W74-01417 7-03 5A
Diatom Flora of the Grand River, Ontario,	CT C	
Canada,	ST, S. Reservoir Mechanism in an Aquifer of Arbitra-	STAINES, A. E. Waste Discharge Permits: No Defense to Water
W74-01311 7-03 5A	ry Boundary Shape,	Pollution Actions.
SRIDHARAN, N.	W74-01129 7-03 2F	W74-05764 7-11 5G
Phosphorus Studies in Lower Green Bay, Lake	OT 11	
Michigan,	ST, W. Comparison of the Snow Resistograph with the	STAINTON, M. P. Mobilization of Some Metals in Water and
W74-09435 7-18 5C	Ram Penetrometer.	Animal Tissue by NTA, EDTA and TPP.
SRIMOERNI DOELHOMID, W. S.	W74-01381 7-03 2C	W74-06173 7-12 5B
Rational Use of Water,		STALL, J. B.
W74-08466 7-16 6B	Ultrasonic Emissions in Snow, W74-02741 7-06 2C	The 7-Day 10-Year Low Flows of Illinois
CDINIWACAN T N	W/4-02/41 /-06 2C	Streams.
SRINIVASAN, T. N. Toward the Structure of a Production Function	STACHURSKI, A.	W74-07677 7-15 2E
for Wheat Yields With Dated Inputs of Irriga-	Population Density, Biomass and Maximum	The Illinois Haben Designers Asso Simulator
tion Water,	Natality Rate and Food Conditions in Ligidium	The Illinois Urban Drainage Area Simulator, ILLUDAS.
W74-10600 7-20 3F	Hypnorum L. (Isopoda), W74-07590 7-14 8I	W74-11889 7-22 5B
SRIVASTAVA, M.	717 01	
Distribution Pattern of Streptomycetes from	STACK, V. T. JR.	Unit Stream Power for Sediment Transport in Natural Waters.
Flooded Ganges Water,	Stabilization Oxygen Demand,	W74-13049 7-24 2J
W74-01980 7-04 5C	W74-12188 7-23 5A	
CRIVACTAVA D.C.	STACKHOUSE, G. E.	STALLING, D. L.
SRIVASTAVA, R. C. Electro-Osmotic Effects in a Bentonite-Water	'Control by Variance' with the Probability	Hexachlorobenzene (HCB) Residues in Fish, W74-11331 7-21 5C
System,	Computer,	W/4-11331 /-21 3C
W74-06910 7-13 2K	W74-06152 7-12 7C	STALMANN, V.
CDATE CONTRACTOR OF CONTRACTOR	STACKHOUSE, R. B.	Radio Control of Water Level Gauges in
SRIVASTAVA, U. S. Edaphic Factors and Wilt of Coriander,	Development of High-Pressure Spiral Mem-	Watercourses Endangered by High Water Levels.
W74-03281 7-07 5C	brane Elements for Seawater Desalination,	W74-11557 7-22 7B
174-05201	W74-08336 7-16 3A	
SRNA, R.	STACY, R. A.	STALNAKER, C. B. Early Life History and Feeding of Young
Applicability of ERTS-1 Imagery to the Study	The Elevation, Slope, and Curvature Spectra of	Mountain Whitefish,
of Suspended Sediment and Aquatic Fronts, W74-06666 7-13 2L	a Wind Roughened Sea Surface,	W74-08832 7-17 5C
7-13 2L	W74-04476 7-09 2E	CTAINAVED D M
SRNA, R. F.	STAEBLER, C. J. JR.	STALNAKER, R. M. Apparatus for Releasing Chemicals Clearing
The Use of Ion Specific Electrodes for Chemi-	Treatment and Recovery of Fluoride Industrial	and Cleaning Waste Pipes,
cal Monitoring of Marine Systems: Part IThe	Wastes,	W74-09725 7-18 5D
Ammonia Electrode as a Sensitive Water Quali- ty Indicator Probe for Recirculating Maricul-	W74-10543 7-20 5D	CTALTED D
ture Systems,	STAFFORD, D. A.	STALTER, R. The Vegetation of the Cooper River Estuary.
W74-09220 7-17 5A	The Effect of Phenols and Heterocyclic Bases	W74-09383 7-18 2L
ST AMANT I S	on Nitrification in Activated Sludges,	
ST AMANT, L. S. Policy for Location of Offshore Ports and Oil	W74-13235 7-24 5D	STAMBERG, J. B. Activated Sludge Treatment Systems with Ox-
Refineries in Coastal Areas,	Methane Production from Waste,	ygen,

Methane Production from Waste, W74-13452

ygen, W74-06839

7-13 5D

7-24 5D

Policy for Location of Offshore Ports and Oil Refineries in Coastal Areas, W74-09995 7-19 5G

Alum Addition to Activated Sludge with Tertia-	Phosphorous Removal from Wastewater,	STARA, J. F. Comparison of Cadmium 115M Retention in
ry Solids Removal, W74-00837 7-02 5D	W74-03667 7-07 5D	Rats Following Different Routes of Administra-
Hydrogen Peroxide Cures Filamentous Growth	STANKOWSKI, S. J. A Summary of Peak Stages and Discharges for	tion, W74-12505 7-23 5B
in Activated Sludge, W74-07253 7-14 5D	the Flood of August 1973 in New Jersey, W74-08374 7-16 2E	Gastrointestinal Absorption of Different Com-
		pounds of 115m Cadmium and the Effect of
STAMER, J. K. Hydrobiochemical Effects of Spraying Waste-	STANLEY, D. J. Basin Plains in the Eastern Mediterranean: Sig-	Different Concentrations in the Rat, W74-09778 7-18 5C
Treatment Effluent in St. Petersburg, Florida,	nificance in Interpreting Ancient Marine	
W74-07978 7-15 5C	Deposits: 1. Basin Depth and Configuration,	STARK, H. L. Hydraulic Model Study to Determine a Stage-
STAMMERS, W. N.	W74-07158 7-14 2J	Discharge Relationship,
Calculation of Evaporation from Measurements	STANLEY, H. I.	W74-11531 7-22 2E
of Soil Water and the Soil Water Characteristic,	Inorganic Nitrogen Removal in a Combined	Water-Level Transducers,
W74-10758 7-20 2D	Tertiary Treatment-Marine Aquaculture System - II. Algal Bioassays,	W74-11498 7-22 7B
STANCZUK, D.	W74-07777 7-15 5C	STARK, N.
Application of ERTS-1 Data to the Protection	STANLEY, L. E.	Distillation-Condensation of Water and
and Management of New Jersey's Coastal En-	Application of Electrical Energy to Culvert	Nutrient Movement in a Desert Ecosystem,
vironment, W74-12639 7-23 2L	Icing ProblemsA Laboratory Study,	W74-07110 7-14 2I
	W74-07909 7-15 8C	STARK, R. M.
STANCZYKOWSKA, A. Spatial Differentiation and Changes in Time of	Control of Culvert Icing,	A Cofferdam Design Optimization, W74-08511 7-16 8A
Zoomicrobenthos in Three Masurian Lakes,	W74-04411 7-09 4C	
W74-05050 7-10 5C	STANNETT, V. T.	Optimum Design Height of Cofferdams, W74-07304 7-14 8A
STANDIFORD, F. C.	Research on Advanced Membranes for Reverse	W74-07304 7-14 8A
VTE Evaporators for Geothermal Brines,	Osmosis,	STARKE, R. A.
W74-11829 7-22 3A	W74-00318 7-01 3A	Water Purification, W74-04706 7-09 5F
STANDLEY, D. R.	Research on Advanced Membranes for Reverse	
Chemical Data From Oregon Waters, 1972,	Osmosis,	STARKEY, E. E. The Effect of Photoperiod on Thermal Re-
W74-10652 7-20 5B	W74-11642 7-22 3A	sistance of Speckled Dace,
STANESCU, S.	STANSBY, M. E.	W74-02902 7-06 5C
Recent Development of Hydrological Services	Northwest Fishery Center Research on Effects of Environmental Contaminants on Marine Or-	STARKEY, R. L.
in Colombia, W74-00227 7-01 10A	ganisms.	Effect of pH on Toxicity of Copper to
	W74-09572 7-18 5C	Scytalidium Sp., a Copper-Tolerant Fungus,
STANFORD, C. The Development and Field Testing of a Basin	STANSELL, J. R.	and Some Other Fungi, W74-03857 7-08 5C
Hydrology Simulator,	Plant Water Status in Relation to Clouds,	
W74-04984 7-10 2A	W74-08801 7-17 2D	STARMACH, K. Water Pollution and Biology, (In Polish),
STANFORD, G.	STANTON, V. W. SR.	W74-07020 7-13 5B
Nitrate Determination by a Modified Conway	Marina Protective Wave Breaker,	STAROSOLSZKY, O.
Microdiffusion Method, W74-03845 7-08 2G	W74-11412 7-21 8B	Problems in the Design of Measuring Struc-
	STAPERT, J. JR.	tures,
Nitrogen Mineralization Potentials of Soils, W74-11272 7-21 2G	Target System for Laying Sewer Pipes,	W74-11507 7-22 7B
	W74-13337 7-24 8A	STARR, J. L.
Nitrogen Mineralization-Water Relations in	STAPLE, W. J.	Nitrogen Transformations During Continuous Leaching,
Soils, W74-06897 7-13 5B	Transport Phenomena Controlling Evaporation	W74-07623 7-15 5B
	from Soil, W74-12845 7-24 2D	
Rationale for Optimum Nitrogen Fertilization in Corn Production,		STARR, M. P. Effects of Calcium and Magnesium Ions and
W74-08929 7-17 3F	STAPLES, D. G. Factors Which Influence the Enumeration of	Host Viability on Growth of Bdellovibrios,
STANFORD, R. A.	Bdellovibrio Bacteriovorus in Sewage and	W74-00625 7-02 5C
An Industrial Pollution Index,	River Water,	STARR, T. J.
W74-03889 7-08 5G	W74-00624 7-02 5A	Microbial Degradation of Oil and Hydrocar-
STANGRET, S.	A Medium for Counting Aquatic Heterotrophic	bons in Continuous Culture, W74-08615 7-16 5B
The Gas-Chromatographic Determination of	Bacteria in Polluted and Unpolluted Waters,	
Some Lignin Compounds in Surface Waters (Die gaschromatographische Bestimmung	W74-00663 7-02 5B	STARRETT, G. D. Municipal Desalting Studies for Selected Kan-
einiger Ligninverbindungen in Oberflaechen-	STAPLETON, H. N.	sas Communities,
gewaessern),	Cotton: A Computer Simulation of Cotton Growth.	W74-00156 7-01 5F
W74-08433 7-16 5A	W74-05213 7-10 3F	STARRETT, J. M.
STANIER, R. Y.		Landscape Compartmentalization: An Ecologi-
Autotrophy and Heterotrophy in Unicellular	STAPOR, F. W. Precise Control of Wave Run-up in Beach	cal Approach to Land Use Planning, W74-07053 7-14 6G
Blue-Green Algae, W74-12587 7-23 5C	Ridge Construction,	
	W74-04939 7-10 2J	STARZYKOWA, K. Hydrobiological Investigations in Dam Reser-
STANKEWICH, M. J. JR. Nitrification of BOD-Containing Water,	Tabasco Beach-Ridge Plain: An Eroding Coast,	voirs of Poland, (In Polish),
W74-02485 7-05 5D	W74-03441 7-07 2J	W74-06242 7-12 2H

SIASION, W. N.		
STASIUK, W. N. Removal of Ammonia Nitrogen by Breakpoint Chlorination Using an Activated Carbon	STEEN, J. P. The Effects of Variations in Turbidity on Cycles of Planktonic and Benthic Organisms in	STEICHEN, J. M. Economic Size Selection for PVC Pipelines, W74-07303 7-14 8A
Catalyst, W74-00810 7-02 5D	Flood Control Reservoirs of Northern Missis- sippi,	Low Energy Mechanical Methods of Reservoir
STASYUK, N. V.	W74-10532 7-20 5C	Destratification, W74-11572 7-22 4A
Soil of North Dagestan, (In Russian), W74-00986 7-02 2G	STEENBERGH, W. F. The Saguaro Giant Cactus, A Bibliography,	STEIMLE, S. E. Potable-Water Supply by Means of Upflow Fil-
STATHAM, I.	W74-07098 7-14 2I STEENVOORDEN, J. H. A. M.	tration (L'Eau Claire Process), W74-08210 7-16 5F
The Relationship of Porosity and Angle of Repose to Mixture Proportions in Assemblages of Different Sized Materials,	A Modified Procedure for the TTC- Dehydrogenase Test in Activated-Sludge, W74-10817 7-20 5A	STEIN, L. S. Effects of Crude Oil on the Feeding Behavior
W74-07330 7-14 2J	STEEPLES, D. W.	of the Lobster Homarus Americanus, W74-11333 7-21 5C
STAUB, ROBERT Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Produ-	Resistivity Methods in Prospecting for Ground Water, W74-10100 7-19 4B	STEIN, R. A. Short Term Fate of Dietary Dieldrin in the
cers, W74-08840 7-17 5C	Resistivity Methods in Prospecting for Ground	Digestive Tract of Juvenile Lake Trout (Salvelinus Namaycush),
STAUFFER, R. E.	Water,	W74-11308 7-21 5C
The Role of Thermocline Migration in Regulat- ing Algal Blooms,		Social Interaction Between Juvenile Coho (On- corhynchus kisutch) and Fall Chinook Salmon
W74-06566 7-13 5C STEARNS, F.	STEFANSON, R. C. Effect of Plant Growth and Form of Nitrogen Fertilizer on Dentrification from Four South	(O. tshawytscha) in Sixes River, Oregon, W74-07040 7-13 2I
Environmental Status of the Lake Michigan Region: Volume 9. Soils of the Lake Michigan	Australian Soils, W74-07039 7-13 2G	STEINDLER, M. J. Chemical Engineering Division, Waste Manage-
Drainage BasinAn Overview, W74-13169 7-24 2G	Soil Denitrification in Sealed Soil-Plant Systems: I. Effect of Plants, Soil Water Con-	ment Programs, Quarterly Report, July-September 1973,
STEEL, J. A.	tent and Soil Organic Matter Content, W74-00237 7-01 2G	W74-07788 7-15 5D
The Application of Fundamental Limnological Research in Water Supply System Design and Management,	Soil Denitrification in Sealed Soil-Plant Systems: II. Effect of Soil Water Content and	Chemical Engineering Division Waste Manage- ment Programs Quarterly Report, October- December 1973,
W74-04111 7-08 5C	Form of Applied Nitrogen, W74-00014 7-01 2G	W74-13128 7-24 5D
STEELE, A. K. Distribution of Caesium-137 in British Coastal Waters.	Soil Dentrification in Sealed Soil-Plant	STEINE, I. Number and Size of Drifting Nymphs of Ephemeroptera, Chironomidae, and Simulidae
W74-02365 7-05 5B STEELE, D. H.	Systems: III. Effect of Disturbed and Undisturbed Soil Samples, W74-00025 7-01 2G	by Day and Night in the River Stranda, Western Norway,
The Biology of Gammarus (Crustacea, Am-	STEFANSSON, U.	W74-01230 7-03 2I
phipoda) in the Northwestern Atlantic, VII. The Duration of Embryonic Development in Five Species at Various Temperatures,	Processes contributing to the Nutrient Distribu- tions off the Columbia River and Strait of Juan de Fuca,	STEINEN, R. P. Phreatic vs. Vadose Diagenesis: Stratigraphy and Mineralogy of a Cored Borehole on Bar-
W74-06120 7-12 5C	W74-03101 7-06 5B	bados, W. I., W74-04068 7-08 2F
Some Aspects of the Biology of Calliopius laeviusculus (Kroyer) (Crustacea, Amphipoda)	STEFFEN, A. J. Pretreatment of Poultry Processing Wastes:	STEINER, A. L.
in the Northwestern Atlantic, W74-02958 7-06 5B	Upgrading Poultry-Processing Facilities to Reduce Pollution, W74-03497 7-07 5D	Effect of Molybdenum Starvation and Tung- sten on the Synthesis of Nitrogenase Com- ponents in Klebsiella pneumoniae.
STEELE, J. H. Pollution Studies in the Clyde Sea Area,	STEFFENS, F. E.	W74-11713 7-22 5C
W74-06049 7-12 5C	Sample Sizes Required for Two-Sided Com- parisons of Two Treatments With a Control,	STEINER, S. Occurrence of Phosphonosphingolipids in Bdel-
STEELE, T. A. Tritium Generation and Release to In-Plant and Off-Site Environs of the La Crosse Boiling	W74-06746 7-13 7C	lovibrio Bacteriovorus Strain UKi2, W74-06097 7-12 5A
Water Reactor, W74-02019 7-04 5B	STEFFENSEN, R. Structural Lineaments of Gaspe from ERTS Imagery,	STEINER, W. E. State Water Resource Planning in Arid
STEELE, T. D.	W74-02565 7-05 7B	Arizona, W74-00181 7-01 6B
Simulation of Major Inorganic Chemical Con- centrations and Loads in Streamflow, W74-11764 7-22 5B	STEFUREAC, T. I. Bryocenological Research in Some Areas of the Iron Gate of the Danube, (In Rumanian),	STEINHART, J. Economic Growth Vs. Environmental Protec-
STEELE, V. J.	W74-01453 7-03 2I	tion: What Will be the Outcome, W74-05644 7-11 6C
The Biology of Gammarus (Crustacea, Am- phipoda) in the Northwestern Atlantic, VII.	STEGER, R. D. Annual Compilation and Analysis of Hydrolog-	W.A.L.R.U.S. Water and Land Resource
The Duration of Embryonic Development in Five Species at Various Temperatures,	ic Data for Calaveras and Escondido Creeks, San Antonio River Basin, Texas, 1971,	Utilization Simulation Player's Manual (Wisconsin Version),
W74-06120 7-12 5C	W74-02478 7-05 2E	W74-11041 7-21 6A

Annual Compilation and Analysis of Hydrologic Data for Urban Studies in the San Antonio, Texas Metropolitan Area, 1971,

7-14 2E

W74-07323

7-06 5B

STEINHAUER, W. G.
Observations on the Distribution of Chlorinated Hydrocarbons in Atlantic Ocean Organisms,
7-22 5B

W74-02958

Some Aspects of the Biology of Calliopius laeviusculus (Kroyer) (Crustacea, Amphipoda) in the Northwestern Atlantic,

21	L	III IV	711, 0. 15.			
	A	New	Multiparameter	Separator	for	Micro
		amia D	antisles and Diel	anianl Calle		

scopic Particles and Biological Cells, W74-03313 7-07 7B

STEINMETZ, C. JR.

OFFINIVARED I A

Effects of Temperature on Growth and Survival of Laboratory Reared Larvae of the Scaled Sardine, Harengula pensacolae Goode and Bean,
W74-02899 7-06 5C

STEKETEE, F. B.

Zinc/Phosphate Combinations Control Corrosion in Potable Water Distribution Systems,
W74-07894 7-15 8G

STELTNER, H. R.

Dynamically Effective Oil-Guide-Boom and Method for Purifying Water Employing the Same,

STELZENMULLER, W. A.

Tidal Characteristics of Two Estuaries in Florida,
W74-00508 7-01 5B

STENBORG, T.

Some Viewpoints on the Internal Drainage of Glaciers, W74-09333

STENHOUSE, M. H.

The Calibration and Use of a Conical Hot Film Anemometer Probe in Recirculating Water Flow, W74-08222 7-16 2E

Vortex Containment of Submerged Jet Discharge, W74-05912 7-11 8B

STEPANENKO, P. Z.

Dynamics of Changes in Cortical Activity in Albino Rats with Chronic Silver Intoxication (In Ukrainian), W74-00997 7-02 5C

STEPANOVA, G. A.

Parasite Fauna of Ctenopharyngodon idella from Pond- and Spawning-Nursery Fisheries in the Volga Delta, (In Russian), W74-04702 7-09 8I

Parasites of Young Grass Carp Ctenopharyngodon idella (Valenciennes) at Fish Farms of The Volga Delta, (In Russian),
W74-10313 7-19 2I

STEPANOVA, L. A.

Diet of the Mesocyclops leuckarti (Claus) and Leptodora kindtii (Focke) Populations in Lake Ilmen, (In Russian), W74-04091 7-08 2H

STEPANYAN, I. S.

Liquid-Phase Oxidation of Phenol, Methanol, and Formaldehyde for Purification of Industrial Effluents (Zhidkofaznoe okislenie fenola, metanola i formal'degida primenitel'no k ochistke stochnykh vod),
W74-06403 7-12 5D

STEPHAN, C. E.

Use of Toxicity Tests with Fish in Water Pollution Control,
W74-12185 7-23 5A

STEPHEN-HASSARD, Q. D.

Origins of Sugar Mill Discharges on the Hilo-Hamakua Coast and a Course of Action for Their Control, W74-05661 7-11 5C

STEPHENS, B. G.

Spectrophotometric Determination of Copper and Iron Subsequent to the Simultaneous Extraction of BIS(2,9-Dimethyl-1, 10) Penanthroline) Copper (I) and BIS (2,4,6-TRI(2-Pyridyl)-1, 3, 5-Triazine) Iron (II) into Propylene Carbonate, W74-11910 7-22 5A

STEPHENS, D. G.

Scouring of Buried Pleistocene Barrier Complexes as a Source of Channel Sand in Tidal Creeks, North Island Quadrangle, South Carolina, W74-01960 7-04 2J

STEPHENS, J.

Predicting Chelate Performance in Boilers, W74-11380 7-21

STEPHENS, J. C.

Hydrologic Reconnaissance of the Northern Great Salt Lake Desert and Summary Hydrologic Reconnaissance of Northwestern Utah, W74-07665 7-15 2F

STEPHENS, L. D.

The Role of the International Commission on Irrigation and Drainage in the Transfer of Water Resources Knowledge, W74-00199 7-01 10A

STEPHENS, S. K.

Hydraulic Model Study to Determine a Stage-Discharge Relationship, W74-11531 7-22 2E

STEPHENSON, D.

Hydrogeology is More Than a Classical Science, W74-09090 7-17 2A

STEPHENSON, D. A.

Dilutional Pumping at Snake Lake, Wisconsin, W74-04108 7-08 5C

STEPHENSON, G. R.

Mathematical Simulation of Subsurface Flow Contributions to Snowmelt Runoff, Reynolds Creek Watershed, Idaho, W74-07516 7-14 2F

STEPHENSON, J. H. M.

Monitoring the Aquatic Environment for Specific Organic Pollutants, W74-10959 7-21 5A

STEPHENSON, R. R.

The Effect of Supplementary Algal Feeding of a Hatchery Breeding Stock of Ostrea Edulis L. on Larval Vigour. W74-13042 7-24 8I

STEPP, J. N

Economic Analysis of Water Supply Needs and Alternatives in a Multi-County Industrial Area, W74-09808 7-19 6D

STEPPUHN, H.

Stream Hydrographs by Fluorescent Tracers, W74-11514 7-22 7B

STERN, A. M.

Treatment of Pulp Mill Wastes, W74-02038 7-04 5D

STERN, D. H.

Limnological Studies of Lake Jacomo, Jackson County, Missouri. II. The Dynamics of the Macrobenthos and Its Relationship to Water Quality and Plankton Distribution in Lakes Jacomo and Prairie Lee, with a Note on the Sport Fishery, 1971-1972, W74-09660 7-18 5C

STERN, M. S.

Limnological Studies of Lake Jacomo, Jackson County, Missouri. II. The Dynamics of the Macrobenthos and Its Relationship to Water Quality and Plankton Distribution in Lakes Jacomo and Prairie Lee, with a Note on the Sport Fishery, 1971-1972, W74-09660 7-18 5C

STERNBERG, R. W.

An Instrumentation System to Measure Near-Bottom Conditions on the Continental Shelf, W74-03353 7-07 21

STERNBERG, Y. M.

Mutual Interference of Water Wells, W74-03154 7-06 8B

Well Efficiency and Skin Effect,

W74-00945 7-02 8G

STETAK, T.

An Improved Method of Cell Enumeration for Filamentous Algae and Bacteria, W74-01421 7-03 5A

STEUHSER, A. G.

Treatment of Domestic Wastewater and NSSC Pulp and Paper Mill Wastes, W74-06513 7-13 5D

STEVANOVIC, D.

Contribution to the Study of the Action of Water-Soluble and Citrate-Soluble Phosphoric Under Acids Different Moisture Conditions, (In Serbo-Croation), W74-06315 7-12 3C

STEVENS, B. A.

The Effect of Natural Shade and Spraying with Water on the Productivity of Dairy Cows in the Tropics, W74-01994 7-04 3F

STEVENS, D. H.

Enhancing Trickling Filter Plant Performance by Chemical Precipitation, W74-00835 7-02 5D

STEVENS, E. D.

The Effect of Changes in Ambient Temperature on Spontaneous Activity in Skipjack Tuna, W74-04241 7-08 5C

STEVENS, G. A.

A Sport Fishing Survey in the Vicinity of a Steam Electric Station on the Patuxent Estuary, Maryland, W74-13472 7-24 2L

STEVENS, H. H. JR.

Discharge and Flow Distribution, Columbia River Estuary, W74-04172 7-08 5B

Distribution of Radionuclides in the Columbia River Streambed from the Nuclear Reactors, Hanford Reservation to Longview, Washington,

STEVENS, H. W.

STEVENS, H. W.	STEWART, G. K.	STEWART, R. W.
Viscoelastic Properties of Frozen Soil Under	Computer Analysis for Acoustic Sensing of	Measurements of the Turbulent Fluxes of Mo-
Vibratory Loads,	Multilayer Sediments,	mentum, Moisture and Sensible Heat Over the
W74-04388 7-09 8D	W74-10637 7-20 2J	Ocean, W74-04673 7-09 2E
STEVENS, J. B.	STEWART, G. W.	
The Demand for Sport Fishing at Yaquina Bay,	Feasibility Study: Hydraulic Fracturing of	STEWART, W. D. P.
W74-07143 7-14 6B	Drilled Water Wells to Stimulate Their Yield,	Glutamine Synthetase of the Nitrogen-Fixing Alga Anabaena cylindrica,
An Economic Evaluation of Alternative Levels of Water Quality: The Role of Water Quality in	W74-02659 7-06 8B	W74-00717 7-02 5C
Relation to Economic Benefits,	STEWART, J. I.	Nitrogen Fixation,
W74-07146 7-14 6B	Functions to Predict Effects of Crop Water Deficits,	W74-12575 7-23 5C
Multi-Disciplinary Study of Water Quality	W74-02680 7-06 3F	STEWART, W. K.
Relationships: A Case Study of Yaquina Bay, Oregon,	Functions to Predict Optimal Irrigation Pro-	The Binding of Inorganic and Organic Mercury Compounds (Hg 203) to Constituents of Nor-
W74-07142 7-14 6B	grams, W74-09476 7-18 3F	mal Human Blood, W74-06803 7-13 5C
Technical and Economic Issues in the Water		STEYN, D. J.
Quality Management of Yaquina Bay,	Water Production Functions and Irrigation Pro-	Application of Algal Bioassays in Eutrophica-
W74-08672 7-16 2L	gramming for Greater Economy in Project and Irrigation System Design and for Increased Ef-	tion Analyses,
STEVENS, L. C. JR.	ficiency in Water Use,	W74-02907 7-06 5C
Effects of Deicing Chemicals Upon Ground and Surface Waters (Initial Program Develop-	W74-03920 7-08 3F	STICHLER, W.
ment),	STEWART, J. K.	Deuterium and Oxygen-18 Measurements on
W74-04149 7-08 5B	Oil Recovery Apparatus,	Surface Waters of the Bavarian Prealps, W74-11550 7-22 2K
STEVENS, M. A.	W74-08033 7-15 5G	
Abrasion in Place: A Mechanism for Rounding	STEWART, J. O.	STICKEL, L. F.
and Size Reduction of Coarse Sediments in Rivers.	The Great Atlantic Coast Tides of 5-8 March	Mercury in Wild Animals, Lake St. Clair, 1970, W74-06776 7-13 5B
W74-05721 7-11 2J	1962, W74-03099 7-06 2J	STICKNEY, R. R.
STEVENS, S. E. JR.	W /4-03099 /-06 2J	Chemical and Biological Survey of the Savan-
Characteristics of Nitrate Reduction in a Mu-	STEWART, J. W.	nah River Adjacent to Elba Island,
tant of the Blue-Green Alga Agmenellum	Dewatering of the Clayton Formation During	W74-03804 7-08 5B
quadruplicatum,	Construction of the Walter F. George Lock and	Chemical Survey of Waters Adjacent to
W74-01812 7-04 5C	Dam, Fort Gaines, Clay County, Georgia, W74-03819 7-08 4B	Colonels Island, Glynn County, Georgia, W74-09584 7-18 5A
The Production of Hydrogen Peroxide by Blue-		17-10 JA
Green Algae: A Survey, W74-04882 7-10 5C	Hydrologic Consequences of Using Ground- water to Maintain Lake Levels Affected by	A Manual of Flatfish Rearing, W74-12075 7-23 81
STEVENSON, F. J.	Water Wells Near Tampa, Florida, W74-12013 7-23 4B	Research to Determine the Environmental
Chemical Distribution of Residual Fertilizer	W/4-12013 /-23 4B	Response to the Deposition of Spoil on Salt
Nitrogen in Soil as Revealed by Nitrogen-15	Hydrologic Perspective of Surficial Waste	Marshes Using Diked, and Undiked
Studies, W74-08332 7-16 5B	Disposal, W74-13210 7-24 5D	Techniques-First Annual Progress Report, W74-05075 7-10 5C
A Modified Ion Exchange Technique for the	7-24 35	
A Modified Ion Exchange Technique for the Determination of Stability Constants of Metal-	Tidal Fluctuations of Water Levels in Wells in Crystalline Rocks in North Georgia,	Research to Determine the Environmental Response to the Deposition of Spoil on Salt
Soil Organic Matter Complexes,	W74-12551 7-23 2F	Marshes Using Diked and Undiked
W74-11262 7-21 5A		TechniquesFirst Annual Progress Report,
STEVENSON, M. R.	STEWART, J. W. AND	W74-05332 7-10 5C
Lagrangian Measurements in a Coastal Up-	Hydrologic and Geologic Considerations for	Sea Water System For Aquaculture of
welling Zone Off Oregon, W74-12325 7-23 2E	Solid-Waste Disposal in West-Central Florida, W74-04605 7-09 5E	Estuarine Organisms at The Skidaway Institute of Oceanography,
		W74-10670 7-20 5D
STEVENSON, W. S.	STEWART, K. M.	
Turbulent Diffusion in Liquid Jets: Part I, Mea-	Detailed Time Variations in Mean Temperature	STIDD, C. K.
surement of Particle Concentration by a Light Scattering Probe,	and Heat Content of Some Madison Lakes, W74-04659 7-09 2H	Estimating the Precipitation Climate,
W74-10196 7-19 5B	W74-04659 7-09 2H	W74-00375 7-01 2A
117 22	STEWART, K. W.	STIEBERT, A.
STEWART, B. A.	The Effects of Dibrom on Respiratory Activity	Water and Waste Water Problems in Modern
Soil Conditions Under Feedlots and on Land	of the Stonefly, Hydroperla Crosbyi, Hell-	Textile Finishing Plants (Wasser- und Abwas-
Treated with Large Amounts of Animal	grammite, Corydalus Cornutus and the Golden	serprobleme im modernen Textilveredlung-
Wastes, W74-00399 7-01 5B	Shiner, Notemigonus Crysoleucas, W74-06040 7-12 5C	sbetrieb), W74-05255 7-10 5D
STEWART, D. J.	7-12 30	CTIFF M I
Short Term Fate of Dietary Dieldrin in the	STEWART, R. E.	STIFF, M. J. The Hydrolysis of Urea in Pivers
Digestive Tract of Juvenile Lake Trout	Waterfowl of the Chesapeake Bay,	The Hydrolysis of Urea in Rivers, W74-10608 7-20 5B
(Salvelinus Namaycush),	W74-00919 7-02 2L	
W74-11308 7-21 5C	STEWART, R. J.	STILINOVIC, B.
STEWART, F. I.	Tricladium varium, An Aquatic Hyphomycete	Ecological Investigation of Eubacteria and Ac-
Apparatus for Cleaning Muddy Water,	on Wood in Water-Cooling Towers,	tinomycetes in Aquatic and Terrestrial Biotopes of Croatia (In Serbo-Croatian),
W74-09182 7-17 5D	W74-08011 7-15 2I	W74-09351 7-18 5B
. 11 30		.10 38

STILLINGER, F. H. Hydrogen-Bond Patterns in Liquid Water,	and Hardness of Their Water Supplies, 1958- 1967,	STONE, L. R. Improving Water Management Efficiency
W74-03539 7-07		Through use of Bio-Indicators,
STILLINGS, B. R.	STODDARD, C. K.	W74-09804 7-19 2D
Reduction in Mercury Content of Fish Prote		Water Loss Estimates from a Fallow Soil.
Concentrate by Enzymatic Digestion,	derground Precipitation,	W74-09546 7-18 2D
W74-07576 7-14	A W74-05106 7-10 5G	
Reduction in Mercury Content of Fish Proto	n STOEFFLER, R. L.	Water Loss from an Irrigated Sorghum Field: I.
Concentrate by Enzymatic Digestion,	Vortex Concept for Separating Oil from Water,	Water Flux Within and Below the Root Zone, W74-09248 7-17 3F
W74-09766 7-18		W74-09248 7-17 3F
CONTENT DE ANT DE		Water Loss from an Irrigated Sorghum Field:
STILLMAN, R. Application of High-Speed Liquid Chromate	STOERTZ, G. E.	II. Evapotranspiration and Root Extraction,
raphy to Organic Microanalysis. I. Constructi		W74-09249 7-17 3F
of A Simple and Inexpensive Apparatus,	W74-02588 7-05 7B	STONE, R.
W74-00249 7-01	K	Intermedia Aspects of Air and Water Pollution
STINDT, W. H.	STOEVENER, H. H.	Control,
Pump Selection,	The Impact of Sport Angling on the Yaquina Bay Economy,	W74-00703 7-02 5B
W74-07872 7-15	C W74-07144 7-14 6B	STONE, W.
OFFINE C. I		Field Studies on Photosynthesis of Cladophora
STINE, G. J. Effect of Nitrilotriacetic Acid on Growth a	Technical and Economic Issues in the Water	Glomerata (Chlorophyta) in Green Bay, Lake
Mating in Strains of Escherichia Coli K-12,	Quanty Management of Taquina Day,	Michigan,
W74-02102 7-04	C W74-08672 7-16 2L	W74-03274 7-07 5C
OMEGUEEN TO	STOFFERS, P.	STONER, A. K.
STISKIN, H.	Mineralogy and Petrology of Black Sea Basin	Merit, Red Rock and Potomac: Tomato Varie
Research on Composite Hollow Tubules, W74-00315 7-01	Sediments,	ties Adapted to Mechanical Harvesting,
	W74-12381 7-23 2J	W74-13371 7-24 3F
Research on Composite Hollow Tubulets,	STOJANOVIC, B. J.	CHANDR I D
W74-00317 7-01	A Acetylcholinesterase Toxicity of Malathion and	STONER, J. D. A Numerical Model of Material Transport in
STOB, M.	Its Metabolites,	Salt-Wedge Estuaries, Parts I and II,
Fecal Elimination of Estrogens by Ca	le W74-05466 7-11 5C	W74-12057 7-23 21
Treated with Diethylstilbestrol and Hexestro		
W74-11245 7-21	B Environmental Chemistry: Air and Water Pol-	STONES, T.
STOBBE, G.	lution,	The Effect of Acid Concentration on the Deter- mination of Dichromate Value,
Purification Plant Eutin, Application of Sim	ıl- W74-04513 7-09 5B	W74-10448 7-20 5A
taneous Precipitation for Phosphate Elimi	a- STOKER, J.	7-20 38
tion, (Klaeranlage Eutin, Andwendung I	Disposal of Heated Water Through Ground-	STOOVENER, H. H.
Simultanfaellung Zur Phosphateliminierung,)	water Systems Val I: Technical and	Multi-Disciplinary Study of Water Quality
W74-11247 7-21	Economic Feasibility,	Relationships: A Case Study of Yaquina Bay Oregon,
STOBER, H. C.	W74-12753 7-24 5B	W74-07142 7-14 6E
Gas-Solid Chromatography on Macroretica	STOKES, V. K.	7.14 01
Cation Exchange Resins,	Contribute Confessor Concept for Consenting	STORY, A. H.
W74-01495 7-03	Oil from Water Discharged from Ships,	Use of Fluorescent Dye Tracers in Mobile Bay
STOBER, Q. J.	W74-09203 7-17 5G	W74-07642 7-15 SE
Toxicity of Chlorine and Heat to P		STOTT, C. C.
(Oncorhynchus Gorbuscha) and Chinook S	North Slope - Construction Criteria for Roads	Evaluating Water Based Recreation Facilities
mon (O. Tshawytscha), W74-13080 7-24	9 97 1974 -	and Areas,
7-24	W74-05104 7-10 4A	W74-01831 7-04 6E
STOBIERSKI, J.	STOLBUNOV, A. K.	STOTT, G. A.
The Influence of a Chemical Plant Sew		The 'Tenacious' Iron Bacteria,
Sedimentation Catchpit on Groundwaters the Upper Vistula Floodplain,	W74-10517 7-20 7B	W74-04143 7-08 5E
W74-01754 7-04	В	CTOTTMANN W
	STOLZY, L. H.	STOTTMANN, W. A Method for Integrating Surface and Ground
Pollution Endangered Underground Waters	in Increased Denitrification in Soils by Additions of Sulfur as an Energy Source,	Water Use in Humid Regions,
the Neighbourhood of a Sewage Catcl Designed on the Moraine Highland of North		W74-11964 7-22 51
Poland,	7-10 35	
W74-00500 7-01		STOTZKY, G.
STOCKMAN K W	Management on a Valencia Orange Orchard,	Formation of Clay-Protein Complexes, W74-10245 7-19 20
STOCKMAN, K. W. The Role of Shell Material in the Natural Si	W74-10420 7-20 3C	W74-10245 7-19 20
Replenishment Cycle of the Beach		X-Ray Diffraction, Electron Microscopy, Elec
Nearshore Area Between Lake Worth Inlet	nd Biological Monitoring of the Fraser River Near	trophoretic Mobility, and pH of some Stable
the Miami Ship Channel,	Prince George, B.C.,	Smectite-Protein Complexes, W74-10641 7-20 20
W74-03610 7-07	L W74-09463 7-18 5C	W74-10641 7-20 20
STOCKS, P.	STONE, J. E.	STOUT, V. F.
Mortality From Cancer and Cardiovasco		The Use and Effect of Mixed Standards on the
Diseases in the County Boroughs of Engli		Quantitation of Polychlorinated Biphenyls,
and Wales Classified According to the Sour	es W74-02274 7-05 5D	W74-02393 7-05 5/

STOUTAMIRE, D. W.

STOUTAMIRE, D. W. Characterization and Microdetermination of a Water-Soluble Metabolite from Bladex Herbi-	STRASKRABOVA, V. Changes of Some Chemical Constituents and Bacterial Numbers in Slapy Reservoir During	An Investigation of the Deformation and Breaking of Solitary Waves, W74-02694 7-06 2E
cide by Conversion to 5,5-Dimethylhydantion, W74-03587 7-07 5A	Eight Years, W74-05070 7-10 5C	A Numerical Model Based on Coupled One-
STOY, R. L. The Calibration and Use of a Conical Hot Film	The Influence of Two Re-Regulation Reservoirs on the Chemical and Bacteriological Pro-	Dimensional Richards and Boussinesq Equa- tions, W74-07515 7-14 2F
Anemometer Probe in Recirculating Water Flow.	perties of River Water, W74-05074 7-10 5C	Observations and Experiments on Solitary
W74-08222 7-16 2E	STRATEENER, G.	Wave Deformation, W74-01215 7-03 8B
Vortex Containment of Submerged Jet Discharge,	Wheat Response to Soil Moisture and the Op- timal Irrigation Policy Under Conditions of Un-	STREETER, R. L.
W74-05912 7-11 8B	stable Rainfall, W74-00669 7-02 3F	The Potential of Desalting for Industrial Water Supplies in Northeastern Wyoming,
STRAHLER, A. N.	STRAUB, C. P.	W74-08062 7-15 3A
Quantitative Studies of Beach Morphology and Beach Forming Processes,	Ground Water Quality Information Systems -	STREGE, P.
W74-03104 7-06 2J	Experiences in Other States, W74-00576 7-02 7C	Nitrate Content of Well Water in West-Central Wisconsin.
Tidal Cycle of Changes in an Equilibrium	CED ALICE C	W74-00246 7-01 5B
Beach, Sandy Hook, New Jersey,	STRAUCH, S. The Year 2000 Nuclear Power and Man,	701 32
W74-01198 7-03 2L	W74-05185 7-10 5B	STREHLOW, R. A. Rapid N-15 Isotopic-Ratio Analytical System
STRAIN, J. E.	STRAUMAN, E.	for Environmental Samples,
Environmental Applications of Centrifugal Photometric Analysis,	Settling Solids in Animal Waste Slurries,	W74-12916 7-24 5A
W74-12029 7-23 5A	W74-10148 7-19 5D	STREICHER, M. A.
	STRAUSS, S. D.	Synergistic Inhibition of Ferric Ion Corrosion
STRAKEY, J. P. JR. Analyses of Tars, Chars, Gases, and Water	Industry Awaits Solutions to Problems of High-	During Chemical Cleaning of Metal Surfaces,
Found in Effluents from the Synthane Process,	Level Radioactive-Waste Management, W74-04457 7-09 5D	W74-04169 7-08 8G
W74-08592 7-16 5A	W /4-0443 / 1-09 3D	STREIT, S.
CTRAVIOU N M	STRAWN, L. C.	Physico-Chemical Treatment of Strong Mu-
STRAKHOV, N. M. Mechanism of Element Distribution in the	Marina Protective Wave Breaker, W74-11412 7-21 8B	nicipal Wastewater,
Pacific Ocean (Japanese Profile) (K poznaniyu	W/4-11412 /-21 0B	W74-10473 7-20 5D
mekhanizma raspredeleniya elementov v Tik-	STREBEL, O.	STREKALOV, S. S.
hom okeane (Yaponskiy profil')),	Calculation of Capillary Rise from Ground- water Table into the Root Zone Under Steady-	On the Angular Energy Spectrum of Wind
W74-07503 7-14 2J	State Conditions, (In German),	Waves, W74-00505 7-01 2E
STRAND, R. H.	W74-08139 7-15 2G	W 74-00303 7-01 ZE
Precipitation Probabilities for East Tennessee, W74-10399 7-20 2B	Soil-Suction Measurements for Evaluation of Vertical Water Flow at Greater Depths with a	Systems of a Wind-Wave Field (Sistemy polya vetrovykh voln),
Precipitation Probabilities for Middle Tennes-	Pressure Transducer Tensiometer, W74-11274 7-21 2G	W74-10258 7-19 2E
see, W74-10400 7-20 2B		STRELETSKAYA, E. A. Oxbow Cut-Off Bog Lake Zooplankton of the
	STRECKER, S. Separation and Gas-Chromatographic Deter-	Kolyma Basin (In Russian),
Precipitation Probabilities for West Tennessee, W74-10401 7-20 2B	mination of Traces of Fluoride, (Abtrennung	W74-01265 7-03 2H
CTRANCE I B	und gas-chromatographische Bestimmung von Fluoridspuren),	STRELKOFF, T.
STRANGE, J. R. Utilization of Phosphorus by Phytoplankton in	W74-02431 7-05 5A	Dam-Break Flood in a Prismatic Dry Channel,
Phosphorus-Rich Environments,	CERPORE I P	W74-02311 7-05 8B
W74-06611 7-13 5C	STREEBIN, L. E. Brine Disposal Treatment Practices Relating to	Hydrodynamics of Surface Irrigation-Advance
STRANGEWAYS, I. C. Long-Distance Telemetry of Data for Flood	the Oil Production Industry, W74-12211 7-23 5D	Phase, W74-08384 7-16 8B
Forecasting.		
W74-05859 7-11 4A	STREEBIN, LEALE E. Demonstration of a Full-Scale Waste Treat-	STRELKOV, Y. A. Diseases of Pond Fishes.
CTDANCHIAN D. IV	ment System for a Cannery,	W74-07481 7-14 8I
STRANGWAY, D. W. Geophysical Exploration Through Geologic	W74-11925 7-22 5D	
Cover,	STREET, D. R.	STRELTSOVA, T. D. Method of Additional Seepage Resistances
W74-09000 7-17 2F	Concepts of Externalities and Social Costs,	Theory and Application,
STRASH, A. M.	W74-03908 7-08 6B	W74-11479 7-22 4B
A Radiological Environmental Survey at EBR-	Opportunity Costs and Water Resource Use.	On the Lankson Assumption Applied to Four
II, W74-04455 7-09 5B	W74-03909 7-08 6B	On the Leakage Assumption Applied to Equa- tions of Groundwater Flow,
	Regional Interdependencies and External Dis-	W74-06888 7-13 2F
STRASKRABA, M. Effect of an Upstream Reservoir on the	economies,	STRENGER, J.
Stratification Conditions in Slapy Reservoir,	W74-03912 7-08 6B	Switching from Calcium Bisulfite to Two-Stage
W74-05069 7-10 5C	STREET, R. L.	Sodium-Calcium Bisulfite Pulping to Reduce
Limnology of Two Re-Regulation Reservoirs in	The Effects of Bottom Configuration on the Deformation, Breaking and Run-Up of Solitary	Water Pollution (Znizenie znecistenia odpad- nych vod prechodom z Ca-bisulfitoveho
Czechoslovakia,	Waves,	varenia na dvojstupnove Na-Ca-bisulfitove),
W74-05073 7-10 5C	W74-04613 7-09 2E	W74-00789 7-02 5D

STRENZKE, K.	STROMBERG, W. L.	STRUZESKI, E. J. JR.
Ice Thrust on Shores of North German Lakes	Relationships Between Phosphorus-32 Accu-	Water Pollution and Associated Effects from
and Its Effect, W74-09219 7-17 2C	mulation in Algae, Bacteria, and Tubificids, W74-05206 7-10 5C	Street Salting, W74-08306 7-16 5B
***************************************	W74-03200 7-10 3C	W 14-06300 7-16 3B
STRETZ, P. E. Determination of Chlorinated Pesticides in	STROMENGER, Z.	STRYKER, S.
Whole Blood,	Observations on Water Fleas (Cladocera) in the	Air Quality Indices from ERTS-1 MSS Infor-
W74-01417 7-03 5A	Trout Pools at the Biological Station Lunz (Lower Austria),	mation, PR 568, W74-06696 7-13 5A
	W74-06248 7-12 2H	W 14-00050 7-13 3A
STRICKLAND, C. L. Underwater Television - Its Development and		STRZELCZYK, E.
Future.	STRONG, A. E.	Utilization of Aromatic Compounds by Benthic
W74-09545 7-18 7B	ERTS-1 Observes Algal Bloom in Lake Erie and Utah Lake.	Microorganisms of a Eutrophic Lake, W74-04295 7-08 5C
CTRIDE A H	W74-06699 7-13 5A	W 14-04293 7-08 3C
STRIDE, A. H. Indications of Long Term, Tidal Control of Net		STUART, C. J. S.
Sand Loss or Gain by European Coasts,	Ocean Current Monitoring Employing a New	A Sampler for the Chemical Analysis of Fresh-
W74-10672 7-20 2J	Satellite Sensing Technique, W74-01876 7-04 2E	waters Using Evacuated Tubes, W74-05321 7-10 7B
Influence of Older Relief on the Location of	W/4-018/6 /-U4 2E	W74-05321 7-10 7B
Sand Waves in a Part of the Southern North	STRONG, A. W.	STUART, D. G.
Sea,	An Explanatory Work on the Oxidation of Am-	Survival of Coliform Bacteria in Natural
W74-07676 7-15 2J	monia by Potassium Ferrate (VI),	Waters: Field and Laboratory Studies with
Sediment Transport by the North Sea,	W74-07454 7-14 5D	Membrane-Filter Chambers, W74-01250 7-03 5B
W74-03032 7-06 2J	STRONG, F. E.	W 74-01230 7-03 3B
Codingstation by Non-Tidal Comments Assessed	Control of Catch-Basin Mosquitoes Using	STUBBLEFIELD, F. E.
Sedimentation by Non-Tidal Currents Around Northern Denmark,	Zoecon ZR515 Formulated in a Slow Release	Improved Control of Radioactive Waste at
W74-07160 7-14 2L	Polymer: A Preliminary Report,	Hanford, W74-13430 7-24 5D
	W74-12691 7-23 5G	W74-13430 7-24 5D
STRIFFLER, W. D. Cesium 137 in a Mountain Stream Channel,	STROOSNIJDER, L.	Improved Control of Radioactive Wastes,
W74-00376 7-01 5B	Column Scanning with Simultaneous Use of	W74-08255 7-16 5D
	241Am and 137Cs Gamma Radiation,	STUBBS, A.
STRILAEFF, P. W.	W74-12319 7-23 2G	The Use of Ion Specific Electrodes for Chemi-
Measurement of Discharge Under Ice Cover, W74-11511 7-22 7B	STROUP, J. R.	cal Monitoring of Marine Systems: Part IThe
	Evaluation of Malonate Dulcitol Lysine Iron	Ammonia Electrode as a Sensitive Water Quali-
Single-Velocity Method in Measuring	Agar for Presumptive Identification of Sal-	ty Indicator Probe for Recirculating Maricul-
Discharge, W74-01161 7-03 2C	monellae,	ture Systems,
W/4-01101	W74-06150 7-12 5A	W74-09220 7-17 5A
STRINGFELLOW, W. G.	STRUEMPLER, A. W.	STUCZYNSKA, J.
User Charges and Industrial Cost Recovery, Denver SMSA,	Adsorption Characteristics of Silber, Lead,	Yield and Chemical Composition of Cocksfoot
W74-07370 7-14 5D	Cadmium, Zinc, and Nickel on Borosilicate	in Dependence of Nitrogen Fertilization and
	Glass, Polyethylene, and Polypropylene Con- tainer Surfaces,	Water Supply, (In Research), W74-00491 7-01 3F
STRINGFIELD, V. T. Karst HydrologyA Review,	W74-02412 7-05 5A	7-01 31
W74-06907 7-13 2F		STUCZYNSKI, E.
	STRUHSAKER, J. W. Effects of Antibodies on Survival of Carangid	Yield and Chemical Composition of Cocksfoot
STRITTMATTER, G.	Fish Larvae (Caranx Mate), Reared in the	in Dependence of Nitrogen Fertilization and Water Supply, (In Research),
Removal of Residual Waste Water Sludges (Beseitigung der Restabwasserschlaemme),	Laboratory,	W74-00491 7-01 3F
W74-05263 7-10 5D	W74-13079 7-24 5C	
TI T	CTRUVOV M V	STUDNICKA, M.
The Treatment and Removal of Waste Water Residual Sludges in the Paper Industry (Die Be-	STRUKOV, M. V. Plantations of Coniferous Tree Species, (In	Efficacy of Some Methods Controlling Leeches in Water,
handlung und Beseitigung von Restabwas-	Russian),	W74-13096 7-24 5G
serschlaemmen der Papierindustrie),	W74-01023 7-02 2I	
W74-12417 7-23 5E	CERTIFYING D. C.	STUEBER, A. M.
STRIZHANT, E. K.	STRUXNESS, E. G. Environmental Sciences Division Annual	Sr-87/Sr-86 Ratios and Total Strontium Con- centrations in Surface Waters of the Scioto
Hygienic Problems of Automatic Monitoring of	Progress Report for Period Ending September	River Drainage Basin, Ohio,
Water Quality (Based on Data of the Who	30, 1973,	W74-01516 7-03 5B
Seminar: Krakow: 1971), (In Russian), W74-13363 7-24 5A	W74-06826 7-13 5B	Streetium Calaium and the Instania Communi
	STRUYK, A. J.	Strontium, Calcium and the Isotopic Composi- tion of Strontium in Underground Waters from
STRNAD, M.	Errors in Measurement of Flow by Velocity	the Scioto River Basin, Ohio,
Determination of the Mechanical Compatibility of Porous Rocks with Waste Water in its Sub-	Area Methods,	W74-02218 7-05 2F
surface Disposal.	W74-11560 7-22 7B	CTUPED D
W74-02165 7-05 5B	STRUYK, R. J.	STUEER, D. Investigations on the Viability of Trichomonas
STROUGCEED I W	Recent Adjustments in Water Use and Treat-	Vaginalis in Tap Water and Public Swimming
STROHECKER, J. W. Apparatus for Removing Oil and Other Floating	ment by U.S. Manufacturers,	Pools, (in Russian),
Contaminants from a Moving Body of Water,	W74-06395 7-12 5D	W74-11193 7-21 5B
W74-05691 7-11 5G	STRUZER, L. R.	STUIBER, D. A.
Apparatus for Removing Oil and Other Floating	Problem of Determining Precipitation Falling	Waste Water Treatment in Commercial Fish
Contaminants from a Moving Body of Water,	on Mountain Slopes,	Processing: Reducing Stick Water Loadings,
W74-05881 7-11 5G	W74-05843 7-11 2B	W74-07270 7-14 5D

STUIVER, M. AND

STUIVER, M. AND	SUBBA RAO, D. V.	SUFFERN, S.
Application of Fluorescent Coated Sand in Lit-	Influence of Humic Substances on the Growth	Inland Wetlands from the Administrators View-
toral Drift and Inlet Studies, W74-04616 7-09 2L	of Marine Phytoplankton: Diatoms, W74-02997 7-06 5C	pointBased on Experiences with Connec- ticut's Inland Wetlands and Water Courses
	CURR A WAS A NIVAR D. W	Act,
STULIK, R. S. Ground-Water Conditions in the Lower Has-	SUBRAHMANYAM, D. V. Influence of Water Quality on the Corrosion	W74-08168 7-16 6E
sayampa Area, Maricopa County, Arizona,	and Electrochemical Behavior of Mild Steel in	SUFFETT, I. H.
W74-13209 7-24 4B	Synthetic Acid Mine Waters,	The p-Value Approach to Quantitative Liquid-
STULLKEN, L. E.	W74-07876 7-15 8G	Liquid Extraction of Pesticides and Herbicides
Hydrogeologic Data from Greeley, Wichita,	SUBRAHMANYAM, P. V. R.	from Water. 3. Liquid-Liquid Extraction of Phenoxy Acid Herbicides from Water,
Scott and Lane Counties, Kansas,	Aspects of Colour Removal from Pulp and	W74-00262 7-01 5A
W74-12068 7-23 4B	Paper Mill Effluents, W74-04514 7-09 5D	CUCAR I W
STUMM, W.	W 74-04314 7-09 3D	SUGAR, J. W. Application of Analytical Instrumentation to
Concepts of Pollution and Its Control,	Aspects of Water Pollution in Fertiliser Indus-	Industrial Monitoring of Aqueous Effluents,
W74-08422 7-16 5G	try,	W74-10973 7-21 5B
STUMM-ZOLLINGER, E.	W74-08791 7-17 5C	Complies for Waste Water Applicant Part I
Concepts of Pollution and Its Control,	Characteristics of Pulp and Paper Mill Wastes	Sampling for Waste Water Analyzers. Part I: Systematic Approach,
W74-08422 7-16 5G	and ISI Standards,	W74-00642 7-02 5A
STUDAD I	W74-04530 7-09 5B	
STUPAR, J. Application of the Carbon Cup Atomisation	Low Cost Methods for Treating Pulp and Paper	Sampling for Waste Water Analyzers. Part II:
Technique in Water Analysis by Atomic-Ab-	Mill Effluents,	Effective Applications,
sorption Spectroscopy,	W74-04531 7-09 5D	W74-00643 7-02 5A
W74-04073 7-08 5A	CURR AND AND AND CO	SUGATA, Y.
STUPAVSKY, M.	SUBRAMANIAN, G. Cyanophage AC-1: A Phage Infecting Unicellu-	Urinary Low-Molecular-Weight Proteins in
Water Release from the Base of Active	lar and Colonial Blue-Green Algae,	Itai-Itai Disease,
Glaciers,	W74-01825 7-04 5C	W74-12490 7-23 5C
W74-05728 7-11 2C		SUGAYA, T.
STUPYNA, V. V.	SUBRAMANYA, K. Flow Over Side-Weirs,	Treatment System Handles Flexo Ink and
Effect of Supernatant Fluid of the Ankistro-	W74-11521 7-22 8B	Starch Waste in Single Operation,
Desmus braunii Brunnth Culture on Develop-	7-22 05	W74-08409 7-16 5D
ment of Algae in Waste Waters of the Cher-	Studies on Seepage from Canals with Partial	SUGDEN, K.
nigov Chemical Fiber Industrial Group, (In	Lining,	A Study of the Stability of a Nitrogen-Selective
Ukrainian),	W74-02319 7-05 4A	Thermionic Detector,
W74-02245 7-05 5C	SUDDATH, T. H.	W74-05437 7-11 5A
STURGES, D. L.	Pollution Management in the Coastal States,	SUGGS, J. D.
Soil Moisture Response to Spraying Big	W74-05655 7-11 6E	Environmental Impact Study for Expansion on
Sagebrush the Year of Treatment, W74-06462 7-12 2I	Pollution Management in the Coastal States,	the Village Creek Sewage Treatment Plant,
W /4-00402	W74-12767 7-24 5G	W74-01035 7-02 5D
STURGES, W. III.	CURAL N. M. C.	SUGIHARA, HOROHITO
The Net Circulation in the West Passage of	SUDMAN, M. S. Identification of the Prototheca Species by Im-	An Epidemiological Study on Clonorchis sinen-
Narragansett Bay, W74-05714 7-11 2L	munofluorescence.	sis at the Northern part of Wakayama Prefec-
W/4-03/14 /-11 2L	W74-00659 7-02 5A	ture, Middle Japan, (In Japan),
STURM, R. N.		W74-07540 7-14 5C
Biodegradability of Nonionic Surfactants:	SUDNITSYN, I. I. Use of Sound Methods in Determining the	SUGIMOTO, E.
Screening Test for Predicting Rate and Ulti- mate Biodegradation,	Permeability Coefficient of Soil Moisture, (In	Treatment of Oily Waste Water Using Ac-
W74-00269 7-01 5B	Russian),	tivated Carbon,
	W74-11893 7-22 2G	W74-13287 7-24 5D
STURROCK, P. E.	The Use of Tensiometers as Indicators of Soil	SUGIMUR, Y.
The Trace Analysis of Water for Selected Metallic Elements Employing Square-Wave	Moisture Availability for Plants, (In Russian),	Thorium Isotope Content in River Water in
Polarography,	W74-00989 7-02 3F	Japan,
W74-11679 7-22 5A		W74-08772 7-17 5B
	SUDO, R. Effect of Copper and Hexavalent Chromium on	SUGIMURA, T.
SU, G. C. C. Analytical Methodology for Bioactive Com-	the Specific Growth Rate of Ciliata Isolated	Hepatic Tumors in the Guppy (Lebistes reticu-
pounds. Photochemically Assisted Analysis of	from Activated-Sludge,	latus) Induced by Aflatoxin B1, Dimethyl
Chlorinated Hydrocarbon Pesticides in the	W74-02994 7-06 5C	nitrosamine and 2-Acetylaminofluorene,
Presence of Polychlorinated Biphenyls,	SUESS, A.	W74-06438 7-12 50
W74-01493 7-03 5A	An Experimental Irradiation Facility for the	SUGIMURA, Y.
Element Specific Gas Chromatographic	Sterilization of Sewage Sludge (Eine Ver-	Content of Plutonium in River Water in Japan,
Analyses of Organochlorine Pesticides in the	suchsbestrahlungsanlage Zur Hygienisierung	W74-08821 7-17 5E
Presence of PCB's by Selective Cancellation of	Von Klaerschlamm),	SUGROBOV, V. M.
Interfering Peaks, W74-03589 7-07 5A	W74-08198 7-16 5D	Evaluation of Operational Reserves of High
1-07 3A	SUESS, A. AND	Temperature Waters,
SU, S. Y.	Influences of Soil Density, Clay Silt and	W74-09003 7-17 2F
Modeling the Regulation of Lake Superior Under Uncertainty of Future Water Supplies,	Humus Content on Measurements of Soil Water by Neutron Gauges, (In German),	Recent Hydrothermal Systems of Kamchatka,
W74-05938 7-11 4A	W74-04556 7-09 2G	W74-08989 7-17 21
711 40	, 0, 20	7-17 44

CUITADI P	Prevention and Control of Infiltration and In-	SUMMER, R. E.
SUHADI, F.	flow,	Pilot Application of the Rotating Biological
The Presence of Clostridium botulinum in In-		Surface Concept for Secondary Treatment of
donesian Waters, W74-02986 7-06 5A	W74-07257 7-14 5D	Insulating Board Mill Effluents,
W74-02986 7-06 5A	Survey of Facilities Using Land Application of	W74-07398 7-14 5D
SUHAYDA, J. N.	Wastewater,	W /4-0/396 /-14 3D
Standing Waves on Beaches,	W74-04677 7-09 5D	SUMMERFELT, R. C.
W74-13006 7-24 2L	W/4-040//	Paunch Manure as a Feed Supplement in Chan-
W /4-13006 /-24 2L	A Survey of Land Application of Waste Water	
SUHR, L. G	Facilities.	nel Catfish Farming,
Physical-Chemical Wastewater Treatment Plant	W74-11852 7-22 5D	W74-11796 7-22 5C
Design,	17711032	SUMMERS, D. A.
W74-03957 7-08 5D	The Swirl Concentrator as a Combined Sewer	Water Jet Cutting of Sedimentary Rock,
W 14-03931 1-08 3D	Overflow Regulator,	
SUKATSKAS, V. T.	W74-07264 7-14 5D	W74-07883 7-15 8B
Seasonal and Age-Related Feeding Changes of	714 35	SUMMERS, P. W.
Brook Trout in Lithuanian Spring Brooks, (In	The Swirl Concentrator as a Grit Separator	Source and Budget of Sulfate in Precipitation
Russian),	Device.	from Central Alberta, Canada,
W74-11167 7-21 2H	W74-10201 7-19 5D	W74-07164 7-14 5E
17-21 211		W /4-0/104 /-14 3E
SUKHACHEVA, I. F.	SULLIVAN, W. N.	SUMMERS, W. K.
Certain Problems of the Sanitary State of	Ice Melting ExperimentsA Model Study for	Geothermal Prospects in New Mexico,
Upper Reaches of the Saratov Water Reser-	Burial of Radioactive wastes,	
voir, (In Russian),	W74-09868 7-19 5D	W74-08975 7-17 2F
W74-08698 7-16 5B	117 32	SUN, P.
W/4-00070 /-10 3B	SULLIVAN, W. T.	Effects of Colorado River Water Quality and
SUKHAREV, G. M.	A Technique for Evaluating Algal Growth	
Utilization of Thermal Waters from Oil	Potential in Illinois Surface Waters.	Supply on Irrigated Agriculture,
Deposits of the Caucasus,	W74-02342 7-05 5C	W74-08014 7-15 30
W74-08988 7-17 4B	11/4-02542	OUN D I
W 14-00300	SULTAMOV, J. G.	SUN, R. J.
SUKHODOL'SKAYA, N. K.	Characteristic Changes in Water Forms in	Hydraulic Fracturing As a Tool for Disposal o
Spring Flooding and Fauna (In Russian),	Cereal Type, Leaves Cultivated Without Irriga-	Wastes in Shale,
W74-01261 7-03 2I	tion, (In Azerbaijan),	W74-03231 7-07 SE
7-03 21	W74-06233 7-12 3F	CUNAWADA II
SULAIMAN, W.	W 74-00233 7-12 3F	SUNAHARA, H.
Measurement of the Diffusion Coefficient of	SULTANKHODZHAYEV, A. N.	Water Quality Monitoring Systems for En
Boron in Soil Using a Single Cell Technique,	Some Problems in Age Determination of	vironmental Water and Industrial Effluent in
W74-10329 7-19 5B	Groundwater (Nekotoryye voprosy rascheta	Japan,
W 14-10329 7-19 3B		W74-10961 7-21 50
SULINSKI, S. J.	vozrasta podzemnykh vod),	
The Jacking Method in Tunnel Construction,	W74-02611 7-05 2F	SUNDAR, A.
W74-02855 7-06 8A	CHITANOV VA C	Complete Listing of Program Described in Op
W 74-02033	SULTANOV, YA. G.	timal Operation of Multi-Reservoir Wate
SULLIVAN, A.	Productivity of Individual Varieties of Grain	Resources Systems,
Measuring Snowfall, A Critical Factor for	Cultures in Connection with Characteristics of	W74-04315 7-09 4
Snow Resource Management,	Water Regime in Non-Irrigated Areas, (In Rus-	
W74-02184 7-05 2C	sian),	Optimal Operation of Multi-Reservoir Wate
174-02104	W74-06139 7-12 3F	Resources Systems,
SULLIVAN, C. Y.		W74-04314 7-09 4/
On the Pressure Chamber Technique for Esti-	SULTON, A. L.	
mating Leaf Water Potential in Sorghum,	Nonlinear Development of the Rayleigh-Taylor	SUNDARAM, T. R.
W74-09730 7-18 3F	Instability in the 'Shallow-Water' Approxima-	An Investigation of the Physical Effects of
114-07/30	tion,	Thermal Discharges into Cayuga Lake,
SULLIVAN, D.	W74-05034 7-10 2L	W74-02178 7-05 51
Mercury in Striped Bass and Bluefish,		
W74-11488 7-22 5A	SUMEK, L.	SUNDARARAJ, V.
W/4-11400 /-22 JA	Environmental Management and Local Govern-	Studies on Phytoplankton Pigments in Port
SULLIVAN, E. G.	ment,	Novo Waters (India). II. Backwater,
Environmental Aspects of Watershed Planning,	W74-08827 7-17 6E	W74-12669 7-23 56
W74-03215 7-07 6G		
707 00	SUMIKAWA, T.	SUNDE, M. L.
SULLIVAN, G. L.	Investigation of Brewing Water Treatment,	Antagonistic Effect of Arginine on Zin
Foam Fractionation of Mercury(II) Nitro Com-	W74-07023 7-13 5A	Metabolism in Chicks,
plexes,		W74-07955 7-15 50
W74-07945 7-15 5A	SUMIMOTO, M.	
1-15 JA	The Color of Waste Liquor from Pulp Industry.	SUNDERLAND, G. L.
SULLIVAN, J. J.	IV. The Interaction of Cl(2)-Oxylignin with	Ground-Water Basic Data for Griggs and Steel
Economics of Marine Resources Decision	Metal Salts (2), (In Japanese),	Counties, North Dakota,
Model,	W74-12924 7-24 5D	W74-02776 7-06 2
W74-01837 7-04 6A		
7-04 6A	SUMIMOTO, M. AND	SUNDERMAN, H. D.
SULLIVAN, R. H.	Color of Pulp Industry Waste Liquors. III. The	Applied and Residual Nitrate-Nitrogen Effect
Combined Sewer Overflow Regulator Facili-	Interaction of Chloro-Oxylignin with Metal	on Irrigated Grain Sorghum Yield,
ties,	Salts (In Japanese),	W74-11270 7-21 3
W74-07258 7-14 5D	W74-04512 7-09 5D	72. 3
114 30		

Analysis of Organic Mercury Compounds by Gas Chromatography,

Federal and State Legislative History and Provisions for Land Treatment of Municipal Wastewater Effluents and Sludges, W74-05964 7-12 6E SUMINO, K. Analysis of Gas Chrom. W74-05964 7-12 6E W74-11390

Modeling and Management of Water and Related Land Resources for Phosphorus Control and Ecolibrium, W74-02675 7-06 5B

SUNG, K.

7-21 5A

SUOMINEN, P.		
SUOMINEN, P.		
A Selective Microscale X-ra Analyzing Method for Determ		
Tlements, 174-06135	7-12	5A
SUPER, A. B.		
Atmospheric Water Resource	es Manager	nen
Program, W74-11229	7-21	3 E
SUPKOW, D.		
Role of Digital Computer Mod		
Water Resources Planning: Ca son, Arizona,	ise Study in	luc
W74-00176	7-01	4 E
SURATT, W. B.		
Commercial Desalting Plant D	ata and Anal	ysis
Volumes I-VI,		
W74-08061	7-15	3/
SURIYADASA, R.		
Redevelopment of Haven S	ewage-Treati	men
Works, Colchester,		
W74-07759	7-15	51
SURTEES, G.		
Control of Mosquitoes Breeding	ng in Rice-Fie	elds
W74-07041	7-13	50
SUSLIKOV, V. L.		
SUSLIBUY, V. L.		

W 74-07041	1-13 30
SUSLIKOV, V. L.	
Field Experience in the Sanitary-F	Hygienic Con-
trol of Pipe Lines in the Water Su	pply System,
(in Russian),	
W74-11186	7-21 5F
SUSLOV, V. F.	
Hydrological Regime of Glaciers	in the Alay
Range, Central Asia,	
W74-09346	7-18 2C

SUSS,	Α.				
An	Experimental	Irradiation	Facility	for	the
Ster	rilization of Sev	wage Sludge	,		
W7	4-13442		7	-24	5D

SUSSKIND, L.		
Land-Use Research Issues Suggest	ed by a	Na
tional Urban Growth Strategy,		
W74-09415	7-18	4/

SUSSMAN,	5.			
Domestic	Water	Systems,	Nonchemical	Fac-
tors in Co	rrosion	Control,		
W74-0784	9		7-15	8G

A Hydrological Study of	the	Southern	Sudd
Region of the Upper Nile,	Liie	Goddiern	5444
W74-11905		7-22	4A

The Production of		the Su	rface
Waters of the Ocean to the Sargasso Sea.	with Particu	lar Refe	rence
W74-05453		7-11	5B

SUTHERLAND, G.				
Process for Remov	al of	Organic	Contamin	ants
From a Fluid Strea	m,			
W74-10493			7-20	5D

S	UTHERLAND, H. B. AND		
	Pore Water and Heaving Pressures	Develo	ped
	in Partially Frozen Soils,		
	W74-04389	7-09	2C

SUTHERLAND	, J. L.		
Project CUM ters of Rand			
muli, W74-09370		7-18	3 B

SUTHERLAN	D, R. B.						
Mercury in	Humans	in	the	Great	Lakes	Reg	ion,
W74-06783					7	-13	5B

SUTHERLAND, R. G.		
Esterification of (2,4-Dichlorophe	noxy)Ac	etic
Acid - A Quantitative Comparison cation Techniques,	of Este	rifi
W74-05312	7-10	5A

An	Automatic	Sample	Loader	for	Col	umn
Chr	omatograph	у,				
W74	4-05438				7-11	5A

SUTRO,	L.	L.				
Study	of	Means	of	Automatically	Classif	ying
Plankt	on,					
W74-1	307	8			7-24	5/

SUTTER, N. G.				
Available Soil	Water:	Time-Distribution	in	8
Warm Season	Rangelan	id,		
W74-13403		7-24	2	20

SUTTERLIN, C. Oregon's Estuaries: Description and tion Sources for Oregon's Estuaries,	Info	ma-
W74-11575	7-22	2L

SUTTO	N, A. L.				
The	Performance	of	Primary	Settling	or
Live	stock Feedlot F	Runo	ff,		
W74	10146			7-19	5D

SUTTON, A. M.		
Process/Financial Models,		
W74-12112	7-23	6A

SUTTON, D. L.		
Effect of pH and High Phosphorus	Concer	itra
tions on Growth of Waterhyacinth, W74-02934	7-06	50

SUTTON, J. W.		
Air Flotation-Biological Oxidation of	Synth	etic
Rubber and Latex Waste-Water,		
W74-05105	7-10	5D

2	OTTO	N, K. M.				
	Low	Temperature	Denitrification	of	W	aste
	Wate	r,				
	W74-	10179		7-	19	5D

SUZUKI, M.					
Determination of	f Trace	Fluorine	in	Biolog	gica
Materials by Pho	tonucle	ar Activat	ion	Analy	sis,
W74-02361				7-05	5A

Multiple Organochlorine	Pesticide	Residues	in
Japan,			
W74-07560		7-14	5A

SUZUKI, N.	
Respiratory Responses to Hypoxic Conditio	n
in Crucian Carp Living in Different Habita	ts
(In Japanese),	
W74-13077 7-24	50

-		lass M	ethod for To	-	e in In	dus
	W74-0		(, a p a m a a a a a a a a a a a a a a a a	7-04	54
	Waste	Water	Treatments	Including	Ozona	tion

Waste	Water	Treatments	Including	Ozona	tion
Proces W74-1	- *			7-24	5D

SUZUKI, T.			
The Chemical Form and	Bodily	Distribution	0
Mercury in Marine Fish,			
W74-07551		7-14	51

SUZUKI, Y.							
Accumulation	of	SR	in	Marine	Organ	nism	s- I.
Strontium and	Ca	alciu	m	Content	s, CF	and	OR
Values in Mani		n-a					

W74-13098	Organisms,		7-24	5C
Accumulation of		and	Calcium	in

Accumulation	of	Strontium	and	Calcium	in
Freshwater Fish	nes	of Japan,			
W74-02197				7-05	5C

S	VANKS, I	K.				
	Factors	Controlling	Sludge	Density	Du	ring
	Acid Mir	ne Drainage	Neutraliz	ation,		
	W74-028	27		7	-06	5D

SVANTESON,	S. E.	A.				
Device for	Cond	ucting	Waste	Liquid	from	a
Receptacle	to a	Pneui	matic	Liquid	Dispo	sal
System, W74-08901				7	7-17	8A

SVANTESSON, S. E. A.			
Apparatus for Effecting Purification	n of	Liq	uids
by Flotation,			
W74-09180	7	-17	5D

Measurements of Sand Transport	by Wind	on a
Natural Beach,		
W74-12334	7-23	2L

SVATKOVA, T	. G.			
Mapping of	Suspended	-Se	diment Discharge	in
Complex Atla	ases (Kart	ogra	afirovaniye stoka	vz-
veshennykh	nanosov	v	kompleksnykh	at-
lasakh),				
W74-06452			7-12	2J

S	VEC, F	I. J.					
	Trace	Organics	In	Water:	Their	Isolation	and
	Identi	fication,					
	W74-0	3848				7-08	5A

Trace	Soluable	Organic	Compounds	in	Pota	able
Water	Supplies	,				
W74-0	4855			7-	10	5A

SVEHLA, R. A.									
Application	of		Thern	nal	In	nage	ry	to	the
Development	of	a	Great	Lak	es	Ice	In	forma	tion
System,									
W74-11784								7-22	7R

SVERDRUP	, G. M.			
Physical	Characterization	of	Califo	ornia
Aerosols,				
W74-1095	4		7-21	5A

SVESHNIKOV, V. A.	
Experiment in Rapid Leaching of	Saline Soils
in the Golodnaya Steppe (Opyt promyvki zasolennykh pochv Golo	
W74-05018	7-10 3C

Absorption	of	Wate	er	Vapor	by	the
Aboveground	Part	s of	the	Karakı	um De	esert
Plants, (in Ru	ssian)	,				
W74-01760					7-04	21

SVETLOSANOV	, V. A.		
A Simplified N	fathematical Model of	Avalan	che
Movement	(Uproshchennaya	m	ate-
maticheskaya	model' dvizheniya lavir	ıy),	
W74-10377		7-20	2C

1	SVINTS	OV, I.	P.					
	Some	Data	on	Sand	Movement	in	the	Amu
	dar'ya	Valle	y, (In Rus	sian),			
	W74-1	1916					7-22	2G

		Juli, E.
SVITELSKII, V. P.	Develop Evaluation Criteria For Wild and	SWEDMARK, M.
Reduction of Waste Water Pollution in Paper-	Scenic Rivers, W74-08845 7-17 6E	Effects of Oil Dispersants and Oil Emulsions on Marine Animals.
board Mills (Snizhenie zagryazneniya stochnykhvod na kartonnykh fabrikakh),	SWANSON, E. R.	W74-06745 7-13 5C
W74-12961 7-24 5D	Economic Aspects of the Application of Mu-	SWEENEY, G. E.
SWAINE, D. J.	nicipal Wastes to Agricultural Land,	Direct Filtration: An Economic Answer to a
Chemical Aspects of Underground Water,	W74-05983 7-12 5D	City's Water Needs,
W74-05080 7-10 4B	Economic Evaluation of the Effect of Selected	W74-08788 7-17 5D
SWALES, D. A.	Crop Practices on Nonagricultural Uses of	SWEENY, K. H.
Treatment of Sewage or Contaminated Water,	Water,	Development of Field-Applied DDT,
W74-12454 7-23 5D	W74-07828 7-15 5B	W74-12218 7-23 5G
SWALLOW, L. A.	Two Environmental Analyses Involving	SWEET, D. C.
Flood of March 1968 on the Ipswich River,	Agriculture,	Resource Management Implications of ERTS-1
Massachusetts,	W74-02166 7-05 5B	Data to Ohio,
W74-13194 7-24 7C	SWANSON, G.	W74-06684 7-13 4A
Flood of March 1968 on the Neponset River,	Water Law and Its Relationship to Environ-	SWEETEN, J. M.
Massachusetts,	mental Quality: A Bibliography of Source	Feedlot Waste Management: Progress and Out-
W74-13187 7-24 7C	Material,	look,
SWAMEE, P. K.	W74-03322 7-07 5G	W74-10133 7-19 5D
Equivalent Pipe Methods for Optimizing Water	SWANSON, G. A.	SWEETON, F. H.
NetworksFacts and Fallacies,	Water Law in Relation to Environmental Quali-	Toxic Metals in Lake and River Sediments,
W74-05383 7-10 8A	ty,	W74-12909 7-24 5B
SWAMY, P. A. V. B.	W74-10202 7-19 5G	Toxic Metals in Sediments,
Bayesian Analysis of a Bivariate Normal Dis-	SWANSON, H.	W74-12025 7-23 5A
tribution with Incomplete Observations,	Functional Water and Sewer Report,	SWENSON, F. A.
W74-04893 7-10 7C	W74-03122 7-06 3D	Rates of Salt Solution in the Permian Basin,
SWAN, B.	SWANSON, J. W.	W74-08608 7-16 2K
Measures of Particle Roundness: A Note,	Color Characterization Before and After Lime	
W74-10368 7-20 2J	Treatment,	SWENSON, R. W. Municipal Water Preference Statutes: The
SWAN, P. N.	W74-11793 7-22 5D	Texas Wagstaff Act,
American Waterways: Florida Oil Pollution	SWANSON, N. P.	W74-08546 7-16 6E
Legislation Makes it Over First Hurdle,	A Programmed Sampler for Runoff and	OWERE D. H.
W74-05778 7-11 5G	Bedloads,	SWETS, D. H. Thermal Sludge Conditioning in Kalamazoo,
Challenges to Federalism: State Legislation	W74-08361 7-16 5A	Michigan,
Concerning Marine Oil Pollution,	Research Needs for the Design and Manage-	W74-09439 7-18 5D
W74-02502 7-05 5G	ment of Beef Feedlot Runoff Control Systems,	SWICEGOOD, W. R.
SWANK JR, R. R.	W74-00137 7-01 5G	Physical Effects of Maintaining Drainage Chan-
Predicting Pesticide Runoff From Agricultural	Use of Caissons for Sampling Chemical and	nels in North Carolina's Coastal Area,
Land: A Conceptual Model,	Biological Conditions Beneath a Beef Feedlot,	W74-04075 7-08 2E
W74-07427 7-14 5B	W74-10138 7-19 5A	SWIFT, D.
SWANK, W. T.	SWANWICK, J. D.	Anatomy of a Shoreface-Connected Sand
Comparison of Three Methods of Estimating	Some Effects of Metals Discharged in Ef-	Ridge on the New Jersey Shelf: Implications
Surface Area and Biomass for a Forest of	fluents and Possibilities for Their Recovery,	for the Genesis of the Shelf Surficial Sand
Young Eastern White Pine,	W74-11366 7-21 5D	Sheet,
W74-12232 7-23 4A	SWARTOUT, R.	W74-05723 7-11 2J
An Optical Planimeter for Leaf Area Deter-	Cost of Rural Community Water and Sewer	Water Motion and Water-Sediment Interaction,
mination,	Systems Compared to Private Systems,	W74-09863 7-19 5B
W74-12229 7-23 2I	W74-10098 7-19 6C	SWIFT, D. J.
Soils and Water,	SWARTZENDRUBER, D.	Changes in Urine Flow Rate and Haematocrit
W74-00698 7-02 3B	A Comparison of Physically-Based Infiltration	Value of Rainbow Trout Salmo Gairdneri
Townsel Changes in Biomess Surface Asse	Equations,	(Richardson) Exposed to Hypoxia,
Temporal Changes in Biomass, Surface Area and Net Production for a Pinus Strobus L.	W74-10823 7-20 2G	W74-12277 7-23 5C
Forest,	Effect of Portland Cement on Soil Aggregation	SWIFT, D. J. P.
W74-12231 7-23 4A	and Hydraulic Properties,	Ridge and Swale Topography of the Middle At-
	W74-01576 7-03 2G	lantic Bight, North America: Secular Response

W74-01576

sus Time, W74-07512

W74-01103

7-21 5C

Flux-Gradient Relationships and Soil-Water

Diffusivity from Curves of Water Content Ver-

Recreational Reuse of Municipal Wastewater,

SWANN, E.

W74-11294

SWANSON, C. L.

geles Coastal Area,

Free Amino Acid Variations in the Anchovy, Engraulis Mordax (Girard) from the Los An-

Mercury Removal from Waste Water with Starch Xanthate-Cationic Polymer Complex, W74-04541 7-09 5D

SWANSON, E. H. JR.

The Archaeological Resources of the Salmon

River Canyon, A Methodology Study to

SWARTZENDRUBER, S. D.	Morphology and Occurrence in the Plankton of the Sargasso Sea,
Controlled Instantaneous Application of Free	W74-07547 7-14 5/
Water to a Porous Surface, W74-08883 7-17 2G	Species of Oceanic Dinoflagellates in the Genera Dissodinium and Pyrocystis: Inter
SWEAZY, R. M.	clonal and Interspecific Comparisons of th

W74-05550

SWIFT, E.

7-03 2G

7-14 2G

7-03 5D

Color and Photon Yield of Bioluminescence, W74-04883 7-10 5B

The Marine Diatom Ethmodiscus rex: Its

to the Holocene Hydraulic Regime,

7-11 2J

SWIFT, L. W. JR.

SWIFT, L. W. JR.		
SWIFT, L. W. JR. Estimating Solar Radiation on Mountain	SYMONS, J. M. Mercury Removal by Conventional Water-	kung Der Tide Auf Salzgehalt, Schwebstoff- gehalt, Sedimentation Und Bakteriengehalt in
Slopes, W74-13415 7-24 2D	Treatment Techniques, W74-09773 7-18 5F	Der unterelbe), W74-01175 7-03 2L
Lower Water Temperatures Within a Stream-	SYRETT, P. J.	SZEPKUTI, L.
side Buffer Strip, W74-03551 7-07 4C	The Appearance of Nitrate Reductase Activity in Nitrogen-Starved Cells of Ankistrodesmus Braunii,	The Effect of Hydrometeorological Conditions on the Zeta-Potential of Suspended Solids
SWINDLE, D. L. Determination of Zinc and Nickel by Charged	W74-02929 7-06 5C	(Hidrometeorologiai viszonyok hatasa a lebego anyagok Zeta-potencialjara), W74-10907 7-21 5B
Particle Activation Analysis, W74-12484 7-23 5A	SYSENKO, V. I. Catalog of USSR Glaciers. Volume 14. Soviet	SZESZTAY, K.
SWINEHART, J. H. The Vanadium and Selected Metal Contents of	Central Asia. No 1. Syrdar'ya. Part 4. (Katalog lednikov SSSR. Tom 14. Srednyaya Aziya. Vypusk 1. Syrdar'ya. Chast' 4.),	Transfer of Knowledge in Water Resources Policies from Developed to Developing Coun- tries,
Some Ascidians, W74-11353 7-21 5A	W74-11217 7-21 2C	W74-00225 7-01 10A
SWINK, D. G. Summary Evaluation of Candidate Fluid-Bed	SZABO, A. Data on the Hydrobiological Status of the Bodrog River Backwater at Sarospatak: II.	SZETO, S. Y. Factors Affecting the Behavior of Five Chlorinated Hydrocarbons in Two Natural
Solidification Processes for Use in the NWCF, W74-09829 7-19 5D	Hydrochemistry, W74-13385 7-24 2K	Waters and Their Sediments, W74-06064 7-12 5B
SWINNERTON, J. W.	SZABO, J.	SZIDAROVSZKY, F.
Baseline Concentrations of Light Hydrocar- bons in Gulf of Mexico, W74-00073 7-01 5B	Hydroecological Studies of the Water Bodies of the Bukk and Zemplen Mountains: II,	Induced Safety Algorithm for Hydrologic Design under Uncertainty,
Carbon Monoxide in the South Pacific Ocean,	W74-13388 7-24 2K	W74-08017 7-15 6A
W74-11904 7-22 2K	Some Hydrobiological Problems of the Ground- water Enrichment at the Budapest Metropolitan Waterworks,	SZIDORENKO, G. I. A New Natural Factor in the Self-Purification
SWINTH, R. L. Simulation of Water Recreation Users' Decisions,	W74-13383 7-24 5C	of Water Basins (A Viztarolok Ontisztulasanak Uj Termeszetes Tenyezoje),
W74-01464 7-03 6D	SZABO, J. B. Public Health Consequences of Mass Swarming	W74-10922 7-21 5C
SWINYARD, C. A. Zinc and Cadmium in Normal Human Embryos and Fetuses, Analyses by Atomic Absorption	of Boophthora Erthrocephala (De Geer, 1776) Black Flies in County Szolnok During Floods of 1970,	SZILAGYI, J. Estimation of Streamflow Under Ice Cover, W74-11512 7-22 2E
Spectrophotometry, W74-09785 7-18 5C	W74-00477 7-01 5G SZABO, M.	SZLOVAK, S. A Study of the Transpiration Increasing Effect
SWISHER, R. D. Biodegradation of O-Benzyl-P-Chlorophenol,	Changes of Soil Humidity and Its Correlation to Phytomass Production in Sandy Meadow As-	of Wind, W74-11864 7-22 2D
W74-01552 7-03 5B	sociations, W74-05949 7-11 2G	SZLUHA, A. T. Potamological Effects of Fish Hatchery
SWISSHELM, R. V. JR. Low-Flow Characteristics of Kentucy Streams, W74-08173 7-16 7C	SZABOLCS, I. Effect of Dilute Salt Solutions on Chernozem Soil Estimated Through the Hydration Proper-	Discharge on the Jordan River, Northern Lower Michigan, W74-03903 7-08 SC
SYCIP, A. Solvent Extraction of Sulfur From Marine	ties of the Colloids, W74-08135 7-15 2G	SZOKOLAY, A.
Sediment and Its Determination by Gas Chro-	SZAKATSITS, G.	The Use of an Electron Capture Detector for the Determination of Pesticides in Water,
matography. W74-07565 7-14 5A	Flood Runoff Systems with Collector Channel and Fast Discharge for Dams (Volgyzarogatak	W74-11077 7-21 5A
SYERS, J. K. Potential of an Eroding Urban Soil for the Phosphorus Enrichment of Streams: I. Evalua-	gyujtocsatornas, surrantos arapasztoi), W74-09720 7-18 8A	SZOSTAK, R. M. Evaluation of Ion Exchange Processes for Treatment of Mine Drainage Waters,
tion of Methods, W74-03438 7-07 5B	SZASZ, S. E. Determining Formation Water Resistivity from	W74-08341 7-16 5D
SYKES, J. E.	Chemical Analysis. W74-04145 7-08 2K	SZUJKO-LACZA, J. Leaf Anatomical and Photosynthetical Reac-
Cooperative Gulf of Mexico Estuarine Invento- ry and Study, Florida: Phase 1 Area Descrip- tion,	SZEKELYHIDI, I. J. Theory, Development, and Utilization Potential	tions of Quercus Pubescens Willd. to Environ- mental Factors in Various Ecosystems: I. Leaf Anatomical Reactions,
W74-06995 7-13 2L	of the Biomilieu Concept, W74-06332 7-12 2L	W74-12545 7-23 2I
SYLVESTER, J. R. Effect of Light on Vulnerability of Heat- Stressed Sockeye Salmon to Predation by Coho	SZEKIELDA, K-H. Biomass in the Upwelling Areas Along the Northwest Coast of Africa as Viewed with	SZULCZEWSKI, Z. Dynamics of Changes in the Concentration of Fluorine Compounds Emitted by the
Salmon, W74-04671 7-09 5C	ERTS-1, W74-06677 7-13 5A	Phosphorus Fertilizer Manufacturing Establish- ment in Pozan, and Their Influence on Surface
Preliminary Study of Temperature Tolerance in Juvenile Hawaiian Mullet (Mugil Cephalus), W74-12260 7-23 5C	Heterogeneities in Salinity in a River Plume, W74-07672 7-15 2L	and Underground Waters and on the At- mosphere Within the Limits of the City of Poz- nan, (In Polish),
SYLVESTER, R. O.	Investigations on the Influence of Tides on	W74-07021 7-13 5B

Investigations on the Influence of Tides on Salinity, Content of Suspended Matter, Sedi-mentation and Bacteria Counts in the Elbe

Estuary, (Untersuchungen Uber Die Einwir-

SZUWALSKI, A.

W74-02701

Coastal Imagery Data Bank: Interim Report,

7-06 2L

SYLVESTER, R. O.

W74-11775

Character and Significance of Highway Runoff

Waters-A Preliminary Appraisal,

		IAKATASU, K
SZWILSKI, A. B.	TACKETT, D.	Automated Recycle System for Livestock
Rock Cutting by Impact Action,	Monitoring Channel Catfish Use of a Demand	Waste Treatment,
W74-10847 7-20 8C	Feeder,	W74-10156 7-19 5D
, T. N. AKAREVICH	W74-01237 7-03 8I	TAILLEUR, I. L.
Long-Range Forecast of Duration of Ice	TACKETT, R.	Preliminary Geologic Application of ERTS-1
Phenomena on the Danube River	State-of-the-Art of Waste Disposal in the	Imagery in Alaska,
(Dolgosrochnyy prognoz prodolzhitel'nosti	Coatings Industry (As of June 1973),	W74-01693 7-04 70
ledovykh yavleniy na r. Dunaye),	W74-09506 7-18 5E	TAIRA, K.
W74-05142 7-10 2C	TADDIA, M.	Experimental Study of Wave Reflection by
TABACHNIKOV, V. I.	Determination of Traces of Copper, Lead, Cad-	Sloping Beach,
Propelling Arrangement for Oil and Garbage Skimmer Craft.	mium, Nickel, Zinc and Iron in Silver Halides by Pulse Polarography,	W74-01223 7-03 2E
W74-11404 7-21 5G	W74-10447 7-20 5A	TAKADA, M.
m.m.m. w	TADOKORO, S.	Evaporating Method and Apparatus,
TABATA, H. MGCO3 Addition to CASO4 Containing Sea	Cadmium Content and Distribution in the Mud.	W74-11402 7-21 3A
Water to Prevent Corrosion,	Blood Clams, Fish Flesh and the Alga,	Multiple Effect Evaporating Apparatus,
W74-03010 7-06 3A	Porphyra Tenera, in the Ariake Bay (In	W74-11401 7-21 3A
	Japanese),	
TABATA, N.	W74-13073 7-24 5B	TAKAHASHI, E.
Basic Characteristics of Ozonizers and Evalua-	TADZHITDINOV, M. T.	On Mallomonas lelymeme Harris Et Bradley
tion of 'Mitsubishi Ozonizer', W74-13412 7-24 5D	Changes of Plant Communities in Overgrown	(Chrysophyceae), (In Japanese), W74-02550 7-05 2F
W/4-13412 /-24 3D	Bodies of Water of the Amu-Darya Delta, (In	W /4-02330 /-03 2F
MGCO3 Addition to CASO4 Containing Sea	Russian),	TAKAHASHI, F. T.
Water to Prevent Corrosion,	W74-01018 7-02 2L	Sublethal Effects of the Water Soluble Com
W74-03010 7-06 3A	TAFT, W. H.	ponent of Oil: Chemical Communication in the
TABATABAI, M. A.	Sedimentary Fluorite in Tampa Bay, Florida,	Marine Environment, W74-08636 7-16 50
Nitrogen-15 Enrichment of Soils and Soil-	W74-08907 7-17 5A	W /4-08030 /-16 30
Derived Nitrate,	TAFURI, A.	TAKAHASHI, M.
W74-06349 7-12 5B	Stormflow Pollution Control in the U.S.,	Ecological Characteristics of Go-No-lke Lake,
TABB, D. C.	W74-07256 7-14 5D	W74-04638 7-09 50
Can Coastal Resources Survive Development,	TAFURI, A. N.	Environmental Control of Phytoplankton Cel
W74-05658 7-11 6E	Water Pollution and Associated Effects from	Size,
m c	Street Salting,	W74-02998 7-06 50
The Coastal Interceptor Waterway, W74-09614 7-18 5G	W74-08306 7-16 5B	
W 74-07014 7-18 30	710 P.M	TAKAHASHI, O. Application of Polyacrylamide to Pulp Mill Ef
TABE, D. C.	TAG, P. M. Engineering Fog-Modification Experiments by	fluents (In Japanese),
Applicability of the Interceptor Waterway Con-	Computer Modelling,	W74-04529 7-09 5I
cept to the Rookery Bay Sanctuary,	W74-10255 7-19 3B	
W74-02205 7-05 4A		TAKAKI, S.
TABLER, R. D.	Reaction of Hygroscopic Particles to a Warm Fog,	A Study of the Reservoir at the Matsukawa Geothermal Field,
Design of a Watershed Snow Fence System,	W74-10253 7-19 3B	W74-09026 7-17 41
and First-Year Snow Accumulations,		17-17-17
W74-00695 7-02 3B	Results Generated from a One-Dimensional	TAKASHIMA, F.
Effect of Snow Fence Height on Wind Speed,	Warm Fog Model Which Simulates Hygroscop-	Distribution of (C-14) PCBs in Carp,
W74-00691 7-02 3B	ic Seeding, W74-09322 7-18 3B	W74-01530 7-03 50
	W/4-07322 /-18 3B	Hepatic Tumors in the Guppy (Lebistes reticu
An Enclosed Weir for Small Streams in Snow	Warm Fog Dispersal Techniques,	latus) Induced by Aflatoxin B1, Dimethyl
Country, W74-02249 7-05 7B	W74-11200 7-21 3B	nitrosamine and 2-Acetylaminofluorene,
1-03 /B	TAGAEV, S. R.	W74-06438 7-12 56
Evaporation Losses of Windblown Snow, and	Uptake of Sodium, Calcium, and Chlorine by	TAKATORI, F. H.
the Potential for Recovery,	Cotton Plants During Irrigation with a Solution	Nitrate in Unsaturated Zone of an Alluvial So
W74-09611 7-18 2D	Similar to Sea Water, (In Russian),	in Relation to Fertilizer Nitrogen Rate and In
Weather Conditions that Determine Snow	W74-01766 7-04 3C	rigation Level,
Transport Distances at a Site in Wyoming,	TAGAMI, M.	W74-01774 7-04 20
W74-00685 7-02 2C	Research and Development of Composite	TAKAYAMA, S.
TACUII M	Membrane Technology,	A Petrographic Study on Littoral Drift Alon
TACHII, M.	W74-11825 7-22 3A	1 113 C

Floating Breakwater for Attenuating Seas,

The Fish of the South Westphalian Highland Including the Moehne Dam and Ruhr, W74-08681 7-16 2I

Influence of Salinity on Protein Requirements of Rainbow Trout (Salmo Gairdneri) Fingerlings,
W74-06086 7-12 5C

W74-08043

TACK, E.

TACK, P. I.

7-15 8B

TAGLIAFERRI, G.

TAHARA, K.

W74-09174

W74-09690

Multi-Stage Flash Evaporator, W74-02490

Multi-Stage Flash Distillation Plant,

TAIGANIDES, E. P.
Automated Handling and Treatment of Swine Wastes,

7-07 2L

7-15 5B

the Ishikawa Coast, Japan,

TAKAYAMA, T.
Economic Evaluation of the Effect of Selected

Crop Practices on Nonagricultural Uses of

Apparatus for Automatically Effecting Vacuum Concentration and Recovery of Waste Liquid,

W74-03692

Water, W74-07828

TAKAYASU, K.

W74-12802

7-05 3A

7-17 3A

7-18 5D

TAKEBAYASHI, T.

TAKEBAYASHI, T. Application of the Fission-Track Technique to	TALBOT, J. S. Requirements for the Monitoring of Industrial	Separation of Clay Minerals and Soil Clays Using Isopycnic Zonal Centrifugation,
the Determination of Uranium in Natural	Deep-Well Waste-Disposal Systems,	W74-10125 7-19 5A
Waters, W74-12720 7-23 5A	W74-10867 7-20 5B	Toxic Metals in Lake and River Sediments,
W74-12720 7-23 5A	TALBOT, J. W.	W74-12909 7-24 5B
TAKEDA, Y.	The Adsorption of Rhodamine-B on to Materi-	
The Extraction-Spectrophotometric Determina- tion of Chromium (III) with 4-(2-Pyridylazo)-	als Carried in Suspension by Inshore Waters, W74-02721 7-06 5B	Toxic Metals in Sediments, W74-12025 7-23 5A
Resorcinol.		W 74-12023 7-23 3A
W74-05470 7-11 5A	TALLMAN, B. M.	TAMURA, Z.
TAKENAKA, H.	An Empirical Mathematical Model of an Inter- connected Watershed System,	Process and Apparatus for Making Highly Pure
The Relationships Between Soil Water and En-	W74-05543 7-11 2A	Water,
gineering Properties of the Clayey Soils, (In		W74-12450 7-23 3A
Japanese),	TALMI, Y.	TAN, L.
W74-07679 7-15 2G	Separation, Detection, and Identification of Or- ganically Bound Toxic Metals and Other	Detection and Quantitative Measurement of
TAKESSIAN, B. A.	Hazardous Materials,	Fecal Water Pollution Using a Solid-Injection
The Improvement of Poor Structured Basin	W74-12030 7-23 5A	Gas Chromatographic Technique and Fecal
Depression Soils at Fudhaliya Experimental	Separation, Detection, and Identification of Or-	Steroids as a Chemical Index, W74-03887 7-08 5A
Field, W74-08763 7-17 3C	ganically Bound Toxic Metals and Other	W 14-03667 1-06 3A
W74-08763 7-17 3C	Hazardous Materials,	TAN, M.
TAKEUCHI, D. M.	W74-12914 7-24 5A	Testing Reverse Osmosis Modules for Wash-
Warm Fog Area Seeding Studies,	TALPASAYI, F. R. S.	water Recycling,
W74-11032 7-21 3B	Ascorbic Acid and Heterocyst Development in	W74-01924 7-04 5D
TAKEUCHI, K.	the Blue-Green Alga Anabaena Ambigua,	TAN, W. P. S.
Optimal Control of Multiunit Interbasin Water	W74-05052 7-10 5C	The Slop Oil Problem in Singapore,
Resource Systems, W74-10603 7-20 4A	TALSMA, A. R.	W74-08471 7-16 5G
W74-10603 7-20 4A	The Characterization and Influence of	TAN V T
TAKEUCHI, T.	Domestic Drain Effluents on the Red Cedar	TAN, Y. T. A Chemical Survey of the Malacca River,
Approaches to the Detection of Subclinical	River,	W74-01600 7-03 2K
Mercury Intoxications: Experience in Mina-	W74-03895 7-08 5B	
mata, Japan, W74-06811 7-13 5C	TALSMA, T.	TANAKA, F. S.
	One-Dimensional Vertical Infiltration,	Gas Chromatography of Substituted Phenylu-
Biological Reactions and Pathological Changes	W74-07034 7-13 2G	reas by Flash-Heater Methylation with Trimethylanilinium Hydroxide,
in Human Beings and Animals Caused by Or- ganic Mercury Contamination,	Soil Moisture Distribution During Two-Dimen-	W74-05480 7-11 5A
W74-06804 7-13 5C	sional Absorption from a Cylindrical Source,	
	W74-07042 7-13 2G	TANAKA, H. H.
Determination of Trace Amounts of Chromium by Atomic Absorption Spectrometry with a	TALTASSE, P.	Digital-Model Study of Ground-Water Hydrolo- gy, Columbia Basin Irrigation Project Area,
Tantalum Filament Atomizer,	Distinctive Hydrogeological Characteristics of	Washington,
W74-02367 7-05 2K	Some Pampas of the Peruvian Coastal Region,	W74-08382 7-16 2F
Pick to the Control of Pick	W74-06472 7-12 4B	
Distribution of Mercury in the Environment of Minamata Bay and the Inland Ariake Sea,	TAMAS, F. D.	TANAKA, K.
W74-06781 7-13 5B	The Change in Reactivity of Silicate Anions	Water Quality Monitoring Systems for En- vironmental Water and Industrial Effluent in
	During the Hydration of Calcium Silicates and	Japan,
The Relationship Between Mercury Concentra- tion in Hair and the Onset of Minamata Dis-	Cement, W74-10859 7-20 8F	W74-10961 7-21 5G
ease.	W 74-10039 7-20 OF	
W74-06806 7-13 5C	TAMAS, G.	TANAKA, N. Hepatic Tumors in the Guppy (Lebistes reticu-
Treatment of Oily Waste Water Using Ac-	Horizontal Phytoplankton Studies in Lake	latus) Induced by Aflatoxin B1, Dimethyl-
tivated Carbon,	Balaton Based on Scooped Samples and Fil- trates Taken in 1967,	nitrosamine and 2-Acetylaminofluorene,
W74-13287 7-24 5D	W74-06756 7-13 5C	W74-06438 7-12 5C
TALAEVA, YU. G.	The Occurrence of Phinachensis limestics G	A Study of Critical Depth and Mode of Sand
Sanitary-Microbiological Investigations in	The Occurrence of Rhizochrysis limnetica G. M. Smith in the Plankton of Lake Balaton,	Movement Using Radioactive Glass Sand,
Preventing Infections of Bacterial and Viral	W74-06337 7-12 2H	W74-04752 7-09 2J
Etiology, (In Russian),	TAMPITAL B. B.	
W74-08692 7-16 5C	TAMPLIN, B. R. Mercury in Water: An Evaluation of Laborato-	TANAKA, R.
A Study of Bdellovibrio Bacteriovorus as a	ries and Methodology,	A Study on the Accuracy of Runoff Analysis for Pumping Drainage in Paddy Field Area (In
Biologic Factor of Self Purification of Water	W74-09774 7-18 5A	Japanese),
Bodies, (In Russian),	TAMBATVAN C B	W74-04811 7-09 4A
W74-10204 7-19 5C	TAMRAZYAN, G. P. Continental Drift and Thermal Fields,	TANAVA V
TALAJEVA, J. G.	W74-08998 7-17 2F	TANAKA, Y. Cadmium Content and Distribution in the Mud,
A New Natural Factor in the Self-Purification	Thermal Studies as a Technique in Subsurface	Blood Clams, Fish Flesh and the Alga,

Thermal Studies as a Technique in Subsurface

TAMURA, T.
Cesium-137 Soil Inventory of a Tagged
Liriodendron Forest 1962 and 1969,

Structural Investigations,

W74-08995

W74-05193

Porphyra Tenera, in the Ariake Bay (In

Ecological-Environmental Assessments Related

7-24 5B

7-22 5B

Japanese), W74-13073

W74-11672

to the Federal Repository,

7-17 2F

7-10 5B

W74-10922

W74-11162

of Water Basins (A Viztarolok Ontisztulasanak

TALAYEVA, Y. G.
A Method for Rapid Identification of Typhoid and Dysentery Bacteria in Water,

7-21 5C

7-21 5C

Uj Termeszetes Tenyezoje),

TANDON, K. K.	TANNER, W. F.	TARAZI, D. S.
Effect of Certain Physiocochemical Factors on	The Equilibrium Beach,	Development of Sample Preparation Methods
the Plankton of the Nangal Lake, W74-01778 7-04 5C	W74-01195 7-03 2J	for Analysis of Marine Organisms, W74-10190 7-19 5A
W74-01778 7-04 5C	Falling Water Level Ripple Marks,	
TANEY, N. E.	W74-03449 7-07 2L	TAREEN, I. U.
Laboratory Applications of Radioisotopic Tracers to Follow Beach Sediments,	The Incomplete Flood Plain,	Bottom Fauna of Golcuk Lake. 1. Population Study of Chironomids. Chaoborus and
W74-04751 7-09 2J	W74-05722 7-11 2J	Oligochaeta,
	Precise Control of Wave Run-up in Beach	W74-05044 7-10 5C
TANEYEV, R. N. Some Problems in Age Determination of	Ridge Construction,	Preliminary Survey of Golcuk, A Eutrophic
Groundwater (Nekotoryye voprosy rascheta	W74-04939 7-10 2J	Mountain Lake in Western Turkey,
vozrasta podzemnykh vod),	Reorientation of Convex Shores,	W74-03946 7-08 5C
W74-02611 7-05 2F	W74-00028 7-01 2J	TARJANYI, I.
TANG, F. L. W.	Tabasco Beach-Ridge Plain: An Eroding Coast,	Public Health Consequences of Mass Swarming
Numerical Calculation of Wind Waves in Shal-	W74-03441 7-07 2J	of Boophthora Erthrocephala (De Geer, 1776) Black Flies in County Szolnok During Floods
low Water,	TANNIAN, F. X.	of 1970.
W74-03675 7-07 8B	Water and Sewer Supply Decisions: A Case	W74-00477 7-01 5G
TANG, NH.	Study of the Washington Suburban Sanitary	TARKOY, P. J.
Relationship Between BOD Removal and LAS	Commission, W74-08497 7-16 5G	Introduction to Basic Remote Sensing for En-
Detergent Removal in Wastewater Treatment Systems,	W/4-0849/ /-16 3G	gineering Geologists,
W74-08939 7-17 5D	TANSEY, M. R.	W74-12553 7-23 7B
TANGUY, J.	Algal Excretion of C-14-Labeled Compounds and Microbial Interactions in Cyanidium cal-	TARMAN, D. W.
Polyphenols of Cotton Leaves and the Effect	darium Mats,	Analysis of Electrical Resistivity Measure-
on Their Composition of Water and Nutritional	W74-01510 7-03 5C	ments of Shallow Deposits, W74-12525 7-23 8G
Stress (In French),	TAPIL'SKAYA, L. N.	W 14-12323 7-23 8G
W74-13344 7-24 3F	Results of Acclimatization of Corophium	TARVERDIEVA, M. I.
TANIGUCHI, H.	sowinskyi (Mart.) in the Veselovsk Reservoir,	Daily Diet and Rate of Feeding of Notothenia rossi marmorata Fischer and Dissostichus elegi-
Strontium-90 and Cesium-137 in Water and	(In Russian), W74-04099 7-08 2H	noides Smitt, Family Notothenidae, in the Area
Deep Sediments of the Great Lakes, W74-05208 7-10 5C		of Southern Georgia (USSR), (In Russian),
W/4-03200 /-10 3C	TAPPER, G. O.	W74-04679 7-09 21
TANJI, K. K.	ERTS-1 Image Enhancement by Optically Combining Density Slices,	TASHA, H. J.
Flood and Seepage Water Sampling Techniques in Rice Fields Under Different Water Manage-	W74-06655 7-13 7C	Residence Time of Sand Composing the
ment Practices,	TARAN, YE. YU.	Beaches and Bars of Outer Cape Cod, W74-04968 7-10 2J
W74-08090 7-15 5B	The Structural-Continuum Theory of Dilute	
TANKA, S.	Suspensions of Rigid Ellipsoidal Particles,	TASHKUZIEV, M. M. Agrochemical Properties and Forms of
Bone Changes in Experimental Chronic Cadmi-	W74-04249 7-08 8B	Phosphates in Typical Sierozems Irrigated at
um Poisoning, Radiological and Biological Ap-	TARANUKHA, Y. K.	Various Times, (In Russian),
proaches, W74-09576 7-18 5C	Utilization of Thermal Waters from Oil	W74-05377 7-10 3F
	Deposits of the Caucasus, W74-08988 7-17 4B	TASHMATOV, N. T.
TANKSLEY, N. D.		Drought Resistance of Radiation-Induced Mu-
Floating Boom, W74-10579 7-20 5G	TARAS, M. J. Information Resource: Final Report Water Pol-	tant Varieties and Parent Forms of Cotton, (In Russian),
	lution Control in Water Utilities,	W74-04822 7-09 3F
Floating Boom Deployment Apparatus, W74-11046 7-21 5G	W74-06527 7-13 5F	TAROVAC T
W74-11046 7-21 5G	TARASOV, M. N.	TASOVAC, T. A Comparison of the Content of Microelements
TANNENBAUM, S. R.	Distribution Patterns of Organic Matter in	in the Water of the River Danube Near Vienna
Reduction in Mercury Content of Fish Protein Concentrate by Enzymatic Digestion,	River Waters of the Wooded Tundra Zone	and Belgrade for 1961-1970 (Ein Vergleich des
W74-07576 7-14 5A	(Zakonomernosti raspredeleniya or- ganicheskogo veshchestva rechnykh vod	Gehaltes an Spurenelementen im Donauwasser bei Wien und Beograd fue 1961-1970),
	lesotundrovoy zony),	W74-02436 7-05 5A
Reduction in Mercury Content of Fish Protein Concentrate by Enzymatic Digestion,	W74-03255 7-07 2K	Complex Behaviour of Cobalt in the Danube
W74-09766 7-18 5C	Mineralization and Ionic Composition of Ice in	River,
TANNED C B	Some Water Bodies of the Northern Caucasus	W74-02373 7-05 5B
TANNER, C. B. Relation of Climate to Leaching of Solutes and	(O rezhime mineralizatsii i ionnogo sostava l'da nekotorykh vodoyemov Severnogo Kavkaza),	TATE, C. H.
Pollutants Through Soils,	W74-03529 7-07 2K	Floods of the 1970 and 1971 Water Years in
W74-12645 7-23 5B		Mississippi,
TANNER, J. T.	TARASOVA, E. N. Ratio of Organic Carbon with Different Types	W74-03816 7-08 2E
Arsenic and Antimony in Laundry Aids by In-	of Oxidizability in the Open Water of Baikal (In	TATE, D. C.
strumental Neutron Activation Analysis,	Russian),	Color Removal from Kraft Mill Effluents by
W74-06030 7-12 5A	W74-04819 7-09 5C	Ultrafiltration, W74-06521 7-13 5D
TANNER, S. J.	TARASOVA, YE. N.	
A Preliminary Check-List of the Marine Algae	Correlation of Organic Carbon with Different Kinds of Oxidizability in the Open Waters of	TATE, J. F. Method of Treating Subterranean Formation to
of the Moss Landing Jetty: An Annotated Floristic Compilation,	Lake Baikal,	Improve Permeability,
W74-07981 7-15 5C	W74-04256 7-08 2H	W74-10931 7-21 8B

TAIE, J. P.					
Waste Water Treatment Method, W74-12443	7-23 5D	Water Waves at the Shoreli W74-00526	7-01 2E	Water Relations and Growth of ing Soil, W74-08272	
TATE, T. K.		TAYLOR, A. H.		W /4-082/2	7-16 2G
Borehole Logging Investigations of the Lambourn and Winterbourn	in the Chalk ne Valleys of	Computer Investigations of in Lakes.	f Water Movements	TAYLOR, J. C. Gully Bank Erosion: Mechanics	and Simulation
Berkshire, W74-00956	7-02 8G	W74-12118	7-23 2H	by Digital Computer, W74-03202	7-07 2J
Variations in the Design of Depth	Samplers for	TAYLOR, A. W.		TAVIOR I D	
use in Groundwater Studies, W74-07865	7-15 8G	Acid Ammonium Acetate tron Capture Gas Chromat tion of Carbofuran in Soils	ographic Determina-	TAYLOR, J. D. Field Studies on Halo Bli (Pseudomonas phaseolicola) and	
TATSUMOTO, M.		W74-07574	7-14 5A	Foliar Sprays,	
Uranium, Thorium, and Lead Co		TAYLOR, B. B.		W74-02070	7-04 3F
Lead Isotopic Analysis,	a Method of	The Economics of SI	nort-Season Cotton	TAYLOR, J. H.	ling for Salinity
W74-07947	7-15 2K	Production in Arizona, W74-03928	7-08 3F	Evaluation of Irrigation Schedu Control in Grand Valley, W74-11929	7-22 5G
TATU, G. Checking the Size of Sewerage In	filtration and	TAYLOR, C.			7-22 30
Leaks Occurring Under Operating (Verificarea marimii infiltratiilor s	g Conditions,	A Finite Element Approach noff.	ch to Watershed Ru-	TAYLOR, J. K. A Piezoelectric Sensor for Merc	cury in Air,
din canalizari in timpul exploatarii),	W74-10937	7-21 2A	W74-11003	7-21 5A
W74-09493	7-18 5D	TAYLOR, C. E.	١	Validation of Environmental	Data by Inter-
TAUB, F. B.		Multielement Analysis of		calibration and Laboratory	Quality Control
Biological Models of Freshwater C W74-00925	7-02 5C	ples By Spark Source Mas W74-10547	s Spectrometry, 7-20 5A	Programs, W74-10950	7-21 5A
TAUB, S. H.		TAYLOR, C. H.		TAYLOR, J. R.	
The Effects of Ecological Change	s on Buckeye	Sediment Production in a	Small Appalachian	Shock-Wave Studies of Ice as	nd Two Frozen
Lake, Ohio, with Emphasis on		Watershed During Spring		Soils,	
Bass and Aquatic Vascular Plants, W74-06546	7-13 5C	Basin, 1970-1972,	# 00 AY	W74-04378	7-09 2C
W 74-00340	7-13 30	W74-04267	7-08 2J	TAYLOR, N.	
TAUXE, G. W.		TAYLOR, D.		Aspects of Monitoring and Co	ontrol of Water
Optimal State Analysis of Reservo W74-05167	7-10 6A	DDT, DDE, and PCBs In Dwelling Groupers (Serra	nidae) In the Gulf of	Quality, W74-12117	7-23 5A
TAVENER, G. F.		Mexico and the Grand Bah		TAYLOR, O. J.	
Stability and Reach Length in V Profile Determination,	Vater Surface	W74-11347	7-21 5B	Technical Aid for Hydrolo	gic Studies in
W74-01152	7-03 2E	TAYLOR, D. C. The Role of Professional	Societies in the Dis-	Spanish-Speaking Countries, W74-00202	7-01 10A
TAVENNER, M. C.		semination of Water Reso	urces Research Infor-	Water-Management Studies	of a Stream.
Quantitative Chemical Analysis Components of the Waters of Lo		mation, W74-00203	7-01 10A	Aquifer System, Arkansas	
the Wabash River, Vigo County, I W74-07405	Indiana, 7-14 5A	TAYLOR, D. D.		Colorado, W74-04262	7-08 4B
		The Distribution of Hea		TAYLOR, P. A.	
TAWADE, M. D. A Comparative Sample Study of	the Changing	Dwelling Groupers in the Bahama Islands,	Gulf of Mexico and	A Simple, Segmented Prism	Model of Tida
Land Use Pattern on Either Side of W74-01748		W74-06071	7-12 5B	Mixing in Well-Mixed Estuaries W74-07673	
		TAYLOR, D. M.			
TAWEESUP, V. Stream Gauging Network of	the Lower	Ozone Disinfection of Secondary Effluents,	Industrial-Municipal	TAYLOR, P. S. Water, Land, and Environme	
Mekong Basin, W74-11499	7-22 7B	W74-06159	7-12 5D	ley: Law Caought Up in the Wi W74-03127	inds of Politics, 7-06 6F
		TAYLOR, E.		11 /4-0312/	7-00 01
Application of the Finite Eleme Convection Heat Transfer Bet		Letchworth Water Pollutio W74-08260	on Control Works, 7-16 5D	TAYLOR, R. G. Fluctuations in Nitrate Concer as an Assessment of Agricult	
Planes, W74-04765	7-09 8B	TAYLOR, F. B. VirusesWhat is Their S	Significance in Water	tion to an Aquifer of a Semia	
TAY, NGUEN		Supplies, W74-13272	7-24 5C	W74-00850	7-02 5E
Hydraulic Drag During Infiltrational Soil Vegetative Layer (Gio			7-24 50	Pollution Studies of the Re	
soprotivleniya pri fil'tratsii vody slove pochvy),		Experience of the U.S.	Geological Survey in	Aquifer at Portales, New Mexi W74-09596	co, 7-18 5E
W74-09931	7-19 2G	Transfer of Hydrologic Developing Countries.	Knowledge to the	TAYLOR, S. A.	
TAYLOR, A. C.		W74-00215	7-01 10A	Physical Edaphology. The Phy	sics of Irrigated
A Planning Model for A W	Vater Quality	TAYLOR, H. M.		and Nonirrigated Soils, W74-01572	7-03 20
Management Agency, W74-03469	7-07 5G	Effect of Drying on Wate	r Retention of a Pud-		7-05 20
	1-01 30	dled Soil,		TAYLOR, T.	F
TAYLOR, A. D. On Singular Boundary Value Pro	phlems for the	W74-03186	7-06 2G	On the Origin of the Wet-S Zonocerus variegatus (L.) (Ort	
EPD Equation,	Joiems for the	Plant Water Status in Rela	ation to Clouds,	Southern Nigeria, with Some E	
W74-03617	7-07 2E	W74-08801	7-17 2D	W74-02238	7-05 2

7-05 2I

TAYLOR, T. B.	TEERINK, J. R.	TEMPLETON, W. L.
A Systems Approach to Problem Oriented Research Planning: A Case Study of Food	Impact of Water Pollution Control Legislation on Meeting Future Water Needs in California,	Thermoluminescent Dosimetry of AquatiR Or- ganisms.
Production Wastes, W74-11040 7-21 5G	W74-06954 7-13 5G	W74-07819 7-15 5C
W/4-11040 /-21 3G	TEESDALE, C. AND	TENAGLIA, G.
TAYLOR, T. P.	Aedes aegypti and Aedes simpsoni Breeding in	Technical and Social Aspects of Nuclear Waste
Permafrost Protection for Pipelines,	Coral Rock Holes on the Coast of Tanzania,	Disposal in Western Europe,
W74-04415 7-09 2C	W74-04697 7-09 2I	W74-13135 7-24 5D
TAYLOR, W.	TEETER, H. M.	TENG, J.
The Binding of Inorganic and Organic Mercury	Regional Administrator's Summary,	Method of Removing Oil Spills,
Compounds (Hg 203) to Constituents of Nor-	W74-00142 7-01 6B	W74-07222 7-14 5G
mal Human Blood, W74-06803 7-13 5C	TEIPEL, H.	TENG, SENG KEH
W 74-00303 7-13 JC	Investigations on the Problem of Solubility and	Research on the Culture of Certain Common
TAYLOR, W. I.	Stability of Steroid Ovulation Inhibitors in	Marine Organisms in Singapore Waters,
Effect of Temperature of Incubation on Per-	Water, Waste Water and Activated Sludge, (In German),	W74-08477 7-16 3F
formance of Media in the Detection of Enteric	W74-08133 7-15 5A	TENNANT, A. D.
Pathogens, W74-00646 7-02 5A		Bacteriological Water Quality Data. Beach
17-00040 7-02 JA	TEISINGER, J.	Areas, Gatineau Park Lakes, National Capital
TAYLOR, W. J.	Biochemical Responses to Provocative Chela-	Commission, 1973,
Multielement Analysis of Environmental Sam-	tion by Edetate Disodium Calcium, W74-11723 7-22 5C	W74-07932 7-15 5B
ples By Spark Source Mass Spectrometry, W74-10547 7-20 5A	17-11/25	TENNER, A. R.
W74-10547 7-20 5A	TEK, M. R.	Laminar and Axisymmetric Vertical Jets in a
TCHEREMISSINOFF, G.	Effect of Adjacent Expansible Fluids and	Stably Stratified Environment.
Climatic Data of the High Altitude Meteorolog-	Caprock Leakage on Buildup and Drawdown Behavior of Wells in an Aquifer,	W74-04224 7-08 8H
ical Stations of the Geneva Region For 1970,	W74-04152 7-08 4B	TENNEY, A. S.
(In French), W74-06532 7-13 7C		Colorimetric Determination of Boron in Aque-
W14-00332 7-13 7C	TEKINEL, O.	ous Solutions and in Borosilicate Glass by Sol
TCHOBANOGLOUS, G.	Evaluation of the Hydrological Aspects of the Agricultural Studies in Arid and Semi-Arid	vent Extraction. W74-03862 7-08 5A
Facilities for Controlling the Activated Sludge	Zones of Turkey,	1-08 32
Process by Mean Cell Residence Time, W74-11254 7-21 5D	W74-05219 7-10 3F	TENNEY, M. W.
W74-11234 7-21 3D		Luxury Uptake of Phosphate by Activated
TEAL, J. M.	TELEGADAS, K. Radioactivity Distribution in the Stratosphere	Sludge, W74-06157 7-12 5E
Hydrocarbon Incorporation Into the Salt Marsh	From Chinese and French High Yield Nuclear	W/4-0013/
Ecosystem from the West Falmouth Oil Spill, W74-00824 7-02 5	Tests (1967-1970),	Multi-Nutrient Dynamic Models of Alga
W /4-00824	W74-08955 7-17 5B	Growth and Species Competition in Eutrophic
Intercalibration of Analyses of Recently	TELETZKE, G. H.	Lakes, W74-06568 7-13 50
Biosynthesized Hydrocarbons and Petroleum	Biotreatment Process,	113 30
Hydrocarbons in Marine Lipids,	W74-11398 7-21 5D	TENNYSON, L. C.
W74-02390 7-05 5A		A Preliminary Assessment of Snowfall Inter
Nutrient Retention in Salt Marsh Plots Experi-	TELFER, R. T. Transmitting Water Resources Information By	ception in Arizona Ponderosa Pine Forest, W74-06455 7-12 20
mentally Fertilized with Sewage Sludge,	a Time-Share System,	W 74-00433 7-12 20
W74-10809 7-20 5C	W74-00194 7-01 10A	TENOR, K. R.
TEARE, I. D.		Inorganic Nitrogen Removal in a Combined
Stomatal-Diffusion Resistance and Water	TELFORD, A. S.	Tertiary Treatment-Marine Aquaculture SystemI. Removal Efficiencies.
Potential of Soybean and Sorghum Leaves,	Gypsum-Cement Blend Works Well in Per- mafrost Areas.	W74-10462 7-20 SE
W74-01605 7-03 3F	W74-07884 7-15 8F	
Water-Use Efficiency and Its Relation to Crop		TENORE, K. R.
Canopy Area, Stomatal Regulation and Root	TELITCHENKO, M. M. Problems for Hydrobiological Investigation	Comparison of Rates of Feeding and Biodeposition of the American Oyster, Cras
Distribution,	under Conditions of Complex Use of Water	sostrea Virginica Gmelin, Fed Different Spe
W74-05621 7-11 3F	Resources (In Russian),	cies of Phytoplankton.
TERRE D D	W74-07765 7-15 5F	W74-13490 7-24 2

TEMPEST, D. W.

W74-03882

TEMPLE, O. R.

TEMPLER, O. W.

Example.

W74-08930

W74-07867

TEMPLETON, H. C.

Phenotypic Variability of the Envelope

Application of ERTS-1 Imagery to the Harvest Application of ER15-1 Images, Model of the U.S. Menhaden Fishery,
7-13 21.

Water Law and the Hydrologic Cycle: A Texas

Valve Installation. Operation and Maintenance.

7-08 5C

7-15 8C

W74-07035

W74-07777

W74-10879

Proteins of Klebsiella aerogenes.

7-15 2G

7-18 5B

7-24 5C

7-03 7C

TEBBS, R. R.

W74-07839

W74-09541

W74-13053

TEEPLE, C. R.

W74-01507

Axisymmetric Infiltrations,

On the Characterization of the Parasite Fauna of Yellow Perch (Perca fluviatilis L.) in Five

Effects of Offal Disposal From Animal

Processing Plants on Water Quality and

Lakes, in Southern Ontario, Canada,

Aquatic Life of Natural Streams,

Don't Forget D/A Converter Tempco.

Effluent. W74-04103 TENPAS, G. H. Land Drainage of Reddish Clay Loams.

Growth Comparisons of Oysters, Mussels and

Scallops Cultivated on Algae Growth With Ar-

Inorganic Nitrogen Removal in a Combined

Tertiary Treatment-Marine Aquaculture System - II. Algal Bioassays.

Intensive Outdoor Culture of Marine

Phytoplankton Enriched with Treated Sewage

tificial Medium and Treated Sewage Effluent.

7-13 SC

7-15 5C

TENPAS, G. H.		
Managing Barnyard Runoff for Dairy Cattle,	TERSTRIEP, M. L.	THAKUR, M. L.
W74-10306 7-19 5I	The Illinois Urban Drainage Area Simulator,	A Useful Spray Reagent to Differentiate Com-
	ILLUDAS,	mon Phenolic Compounds on Thin-Layer
Solid Manure Handling for Dairy Cattle,	W74-11889 7-22 5B	Plates and Paper Chromatograms, W74-05460 7-11 5A
W74-10305 7-19 5I	TERWINDT, J. H. J.	7-11 37
TEOTIA, M.	Measurements of Sand Transport by Wind on a	THAM, AH KOW
Relation of Mineral and Hormone Metabolism	Natural Beach,	Research on the Culture of Certain Common
to Intake of Water with a High Natural Conten	W74-12334 7-23 2L	Marine Organisms in Singapore Waters,
of Fluoride,	TESKE, M.	W74-08477 7-16 3F
W74-02235 7-05 50	The Development and Preliminary Application	THAMAN, R. R.
TEOTIA, S. P. S.	of an Invariant Coupled Diffusion and Chemis-	Determination of Oil Loss Rates from a High
Relation of Mineral and Hormone Metabolism	try Model,	Seas Oil Containment Barrier,
to Intake of Water with a High Natural Conten	W74-01095 7-02 5A	W74-08290 7-16 5G
of Fluoride,	TESSARI, G.	THAMES, J. L.
W74-02235 7-05 50	Influence of Heating Rate on Analytical	A Computer Automated System for Hydrologic
TEPLYAKOVA, E. V.	Response in Flameless Atomic Absorption	Data Acquisition and Analyses,
A Study of Diethylenetriamine in Connectio	Spectrometry,	W74-11558 7-22 7B
with Its Hygienic Standardization in Water		P. J. and Sending on Physic Mana
Bodies (In Russian),	TESSIER, T. L.	Reclamation Studies on Black Mesa, W74-13144 7-24 5G
W74-13165 7-24 5		W /4-13144
	States,	THATCHER, L. M.
TERAGUCHI, M.	W74-11806 7-22 5B	Utah's Ground Water Quality Information
Biological Investigations of Lake Wingra, W74-00833 7-02 5	TESTA, M.	System,
W74-00833 7-02 5	System for Treating Dilute Slurries,	W74-00577 7-02 7C
TERELAK, H.	W74-09188 7-17 5D	THATCHER, M. L.
Relationship Between Properties and Agricu		The Computation of Tides and Currents in
tural Suitability of Soils: Soil Complexes: Goo	TETLEY, W.	Estuaries and Canals: Appendix A: A User's
Wheat Soils, Very Good Rye Soils, Good Ry	Role of Digital Computer Models of Aquifers in	Manual,
Soils (In Polish),	Water Resources Planning: Case Study in Tuc- son, Arizona,	W74-06312 7-12 2L
W74-00054 7-01 2	W74-00176 7-01 4B	THAYER, P. M.
TERENT'EVA, I. N.		Method for Installing Aeration Systems in
Water Regime of Sunflower Under Differen	TETT, P. B.	Sewage Treatment Tanks.
Conditions of Phosphorus Nutrition, (In Ru	An Introduction to the Phytoplankton, Primary	W74-09176 7-17 5D
sian),	Production and Relevant Hydrography of Loch Etive,	
W74-01227 7-03 3	F W74-02991 7-06 5C	THAYER, P. S.
TERRETENVOVA I A		Current Status of the Environmental and Human Safety Aspects of Nitrilotriacetic Acid
TERESHENKOVA, I. A. Gray Forest Soils in the Spruce-Fir Forests:	TEW, R. W.	(NTA),
the Sub-Ural Region (Vyatka-Kama Province	Thytoplankion Successions and Dake Dynam	W74-02394 7-05 5B
(In Russian),	ics in Las Vegas Bay, Lake Mead, Nevada, W74-07001 7-13 5C	
W74-07004 7-13 2		THAYER, S. D.
	TEWARI, S. N.	A Two-Dimensional Warm Fog Modification
TERICH, T. A.	Separation and Identification of Metal	Model, W74-10359 7-20 2B
Development and Erosion History of Bayocea		W 74-10339 7-20 2B
Spit, Tillamook, Oregon, W74-10618 7-20 2	and its Application in Toxicological Analysis, W74-02360 7-05 5A	THEILACKER, G. H.
W/4-10010 /-20 2	L W14-02300 1-03 3A	Ecological Efficiency of a Pelagic Mysid
TERICHOW, O.	TEWES, H.	Shrimp: Estimates from Growth, Energy
Electrophoresis and Coagulation Studies	Kra Canal Project: A Preliminary Assessment	Budget, and Mortality Studies, W74-12561 7-23 5C
Some Florida Phosphate Slimes,	of Nuclear Excavation Feasibility for Route	W /4-12301 /-23 3C
W74-08591 7-16 5	5A, W74-13119 7-24 8H	THELEN, E.
TERLETSKAYA, M. N.	W/4-13119 /-24 6H	Investigation of Porous Pavements for Urban
Effect of Microbiological Processes on Percol	TEYS, R. V.	Runoff Control,
tion of Water Through Soil,	Use of Isotopic Methods to Determine Present	W74-05411 7-11 5D
W74-12853 7-24 2	Rates of Snow Accumulation in Antarctica	THEURER, B.
	(Ispol zovaniye izotopnykh metodov diya	Alfalfa Quality: Is There a Difference,
TERNYIK, W. B.	opredeleniya sovremennoy skorsti nakopleniya snega v Antarktide),	W74-03930 7-08 3F
Pacific Northwest Coastal Zone Manageme	W74-01393 7-03 2C	
as it Relates to Estuary Protection, W74-07500 7-14 6		THIBAUT, M.
W74-07500 7-14 6	I HACKER, C. L.	Mycological Applications of X-Ray Microanal-
TERNYIK, W. E.	Incidence of Vibrio parahaemolyticus in Shellf-	ysis, W74-06096 7-12 5A
Operations of the Coastal Commission,	ish from Eight Canadian Atlantic Sampling Areas.	7-12 JA
W74-12758 7-24 6	B W74-03185 7-06 5A	THIBERT, R. J.
TERRY, R. C.		Microdetermination of Thiocyanates with N-
Road Salt, Drinking Water and Safety,	THAKKAR, M. C.	Bromosuccinimide Using Bordeaux Red as an
W74-09537 7-18 4	Optimal Design of Prestressed Concrete Pipes Using Linear Programming,	Indicator, W74-05443 7-11 5A
	W74-10319 7-19 8A	
TERRY B P	, , , , , , , , , , , , , , , , , , , ,	WILLIAM THE TANK THE

Surface Properties of Water,

W74-11640

7-22 2K

THIBODEAUX, L. J.
A Test Method for Volatile Component
Stripping of Waste Water,
W74-11801 7-22 5D

TERRY, R. E.

Denitrification as a Pathway for Nitrate

7-13 5B

Removal in Aquatic Systems, W74-06612

THIELE, H. J. Present and Future Water Use and its Effect on Planning in Maricopa County, Arizona, W74-00754 7-02 3D	THOMAS, G. H. Polychlorinated Terphenyls in Paperboard Samples, W74-02392 7-05 5A	THOMAS, R. G. The Role of FAO in the Transfer of Water Resources Knowledge to Developing Regions, W74-00223 7-01 10A
	THOMAS C W	THOMAS, R. H.
THIELE, K. How Well do Engineers Forecast Demands, W74-08905 7-17 5G	THOMAS, G. W. The Interpretation of Interference Tests in Naturally Fractured Reservoirs with Uniform	Municipal Wastewater Reclamation and Reuse, W74-08461 7-16 5D
	Fracture Distribution,	THOMAS, R. L.
THIELEMANN, H. Construction and Operation of a Laboratory	W74-05086 7-10 8G Nitrate-Nitrogen and Phosphorus Contents of	Sedimentation Rates and Recent Sediment History of Lakes Ontario, Erie and Huron,
Fermenter for Kinetic Measurements in Waste	Streams Draining Small Agricultural	W74-06282 7-12 2J
Waters (Bau Und Betrieb Eines Laboratori-	Watersheds in Kentucky,	
ums-Fermentors Fur Kinetische Messungen an	W74-06265 7-12 5B	THOMAS, T. K.
Abwassern),		Instrumentation for Water Pollution Monitor-
W74-10816 7-20 5D	THOMAS, H. E.	ing, W74-03640 7-07 5D
THIGPEN, A. B. JR.	Water-Management Problems Related to	W /4-03040 /-07 3D
Method of Treating Subterranean Formation to	Groundwater Rights in the Southwest,	THOMAS, T. L.
Improve Permeability,	W74-05683 7-11 4B	Application of Chelating Ion Exchange Resins
W74-10931 7-21 8B	THOMAS, J.	for Trace Element Analysis of Geological Sam-
	Continuous Culture of Filamentous Blue-Green	ples Using X-Ray Fluorescence,
THODE, E. F.	Algae. Appendix C,	W74-11364 7-21 5A
Analysis of Water Characteristics of Manufac-	W74-12590 7-23 5C	THOMAS, V. M. JR.
turing Industries and Their Adaptability to		Sulfur and the Toxicity of the Red Alga
Semi-Arid Regions,	Mercury in Water: An Evaluation of Laborato-	Ceramium rubrum to Bacillus subtilis.
W74-12863 7-24 3E	ries and Methodology,	W74-02959 7-06 5C
THOM, B. G.	W74-09774 7-18 5A	
Studies at the Timmins 4 Permafrost Experi-	THOMAS, J. D.	THOMAS, W. A.
mental Site,	Digenetic Trematodes of Fish From Volta	Accumulation of Ce-144 by Hickory and Co-60
W74-04363 7-09 2C	River Drainage System in Ghana Prior to Con-	by Black Gum Seedlings, W74-05196 7-10 5B
	struction of Volta Dam at Akosombo in May	W74-05196 7-10 5B
THOMA, A. F.	1964,	Optimal Pumping for Aquifer Dewatering,
Model Tests with Thin Sheets to Reduce	W74-02077 7-04 21	W74-09620 7-18 4B
Evaporation,		
W74-07103 7-14 3B	Observations on the Limnology and Primary	Optimal Pumping for Aquifer Dewatering,
THOMANN, R. V.	Production of a Small Man-Made Lake in the West African Savanna,	W74-10325 7-19 4B
Dynamic Water Quality Forecasting and	W74-10810 7-20 5C	THOMAS, W. O. JR.
Management,	W74-10810 7-20 3C	Floodflows from Small Drainage Areas in
W74-00927 7-02 5C	THOMAS, J. L.	Oklahoma: Progress Report and Data Compila-
	Activated Sludge - Bio-Disc Treatment of	tion,
Mathematical Modeling of Eutrophication of	Distillery Wastewater,	W74-08292 7-16 2E
Large Lakes,	W74-10525 7-20 5D	THOMASSON, A. J.
W74-03537 7-07 5C	THOMAS, J. M.	The Effect of Density on Water Retention Pro-
THOMAS, A.	Analysis of Natural Systems,	perties of Field Soils,
Oxygen Activated Sludge Wastewater Treat-	W74-09234 7-17 5C	W74-00358 7-01 2G
ment Systems: Design Criteria and Operating		THOMASON V
Experience,	THOMAS, J. R.	THOMASSON, K.
W74-03496 7-07 5D	Nitrogen Metabolism of Stargrass as Affected	Algae from Lakes in Northern Colorado, W74-12666 7-23 5C
	by Nitrogen and Soil Salinity,	W 14-12000 1-23 3C
THOMAS, C. C. JR.	W74-08806 7-17 3C	Notes on Algal Vegetation of Lake Kariba,
Mercury Pollution of Lake Erie Ecosphere,	THOMAS, M. W.	W74-12673 7-23 5C
W74-01985 7-04 5B	Snow Road Construction Technique by	Notes on the Plankton of Lake Bangweulu.
THOMAS, C. W.	Layered Compaction of Snowblower Processed	W74-12559 7-23 5C
Radiological Sciences,	Snow,	W 14-12539 1-25 3C
W74-09238 7-17 5C	W74-10403 7-20 8G	Studies on South American Fresh-Water Plank-
717 30	THOMAS N. A	ton. Notes on the Plankton from Tierra Del
THOMAS, D. L.	THOMAS, N. A. Assessment of Fish Flesh Tainting Substances,	Fuego and Valdivia,
Electrophoretic and Immunological Analyses of	W74-12186 7-23 5A	W74-12557 7-23 5C
Seven Chlorosarcinacean Algae,	W/4-12100	THOMPSON, A. D.
W74-01426 7-03 5A	THOMAS, N. D.	Sewage Treatment Vessel.
THOMAS, D. M.	Resonant and Nonresonant Motion in a Spin-	W74-03016 7-06 5D
Floods of 1972,	dle-Shaped Basin with an Entrance.	
W74-09391 7-18 2E	W74-09893 7-19 2E	THOMPSON, A. R.
7-16 2E	THOMAS, R. E.	Jurisdictional Problems in Canada's Offshore.
A Study of Water Circulation in Monterey Har-	Experiences With Land Spreading of Municipal	W74-12613 7-23 6E
bor Using Rhodamine B Dye,	Effluents.	THOMPSON, B. M. AND
W74-03114 7-06 2L	W74-11850 7-22 5D	Heterotrophic Utilization of Sucrose in an Ar-
THOMAS C F		tificially Enriched Lake.
THOMAS, G. E.	Fate of Materials Applied.	W74-04781 7-09 5C

Evaluation of Commercial Utility of ERTS-A

Imagery in Structural Reconnaissance for Minerals and Petroleum,
W74-02567 7-05 7B

W74-11848

7-05 7B W74-12872

The Soil as a Physical Filter.

7-22 5B

7-24 5D

THOMPSON, C. A. JR.
Chemical Characteristics. Bacterial Counts.
and Potential Shelf-Life of Shrimp from Vari-

THOMPSON, C. A. JR.

ous Locations on the Northwestern Gul Mexico,		Process for Recovering Forest Product Plant Wastes, Netherlands and Its Influence on Decay,'	
W74-02955 7-06	5A	W74-06378 7-12 5D W74-02230 7-05	5 5F
Microbial Flora and Level of V Parahaemolyticus of Oysters (Crassostrea ginica), Water and Sediment from Galve	Vir-	THOMPSON, R. G. Extended Results on Optimal Investment Strategies in Shrimp Fishing, THOMSON, N. J. Pests, Crop Damage and Control Practices Irrigated Cotton in a Tropical Environmen	ıt,
Bay, W74-01548 7-03	5C	W74-01838 7-04 6C W74-02093 7-04	5 G
	-	Industrial Economic Model of Water Use and THOMSON, S. AND	
THOMPSON, C. J. Analyzing Heavy Ends of Crude,		Waste Treatment for Ammonia, W74-13020 7-24 5D Shear Strength at a Thaw Interface, W74-04390 7-05	9 2C
W74-02378 7-05	5A	Least-Cost Allocation and Valuation Model for THOMSON, W. K.	
Compositional Studies of a High-Boiling 535 C Distillate from Prudhoe Bay, Ala		Water Resources, Incidence of Vibrio parahaemolyticus in S W74-00670 7-02 5D ish from Eight Canadian Atlantic San	
Crude Oil, W74-00258 7-01	5A	A Stanbardia Investment Model for a Survival Areas,	5 5A
THOMPSON, D. A.		Conscious Firm Applied to Shrimp Fishing,	, JA
Interaction of Bulk Precipitation, St	tream	W74-09072 7-17 6B THORARINSSON, F. Icelandic Geothermal Activity and the Me	ercury
Water, and Sewage in a Small Watershed		THOMPSON, R. J. of the Greenland Icecan	icury
Oxford, Mississippi, W74-00005 7-01	2A		5 5B
		Wool, THORBORG, C. H.	
Occurrence and Distribution of Clay Min		W74-11705 7-22 5A Recycling Fine-Paper Mill Effluent by M	Means
and Trace Metals in the Bottom Sedimer Biloxi Bay, Mississippi,	nt of	THOMPSON, R. K. of Pressure Filtration,	
	2L	Arizona Indian Corn (Zea mays L.), W74-00784 7-02	2 5D
		W74-03926 7-08 3F THORHAUG, A.	
THOMPSON, D. N.		Biologically Allowable Thermal Pol	lution
Identification and Mapping of Coal Re Banks and Other Targets in the Anthracite		THOMPSON, S. M. Azide and Ethylenethiourea Mobility in Soils. Limits, Part I and Part II,	
gion.	C AC-	W74-06896 7-13 5B W74-11921 7-27	2 5C
W74-06642 7-13	4A	THOMBSON TH Impact of a Power Plant on a Subtr	opical
THOMBSON E II		Inomison, I. H.	.,
THOMPSON, F. H. The Anti-Pollution Sequence - A New Rot	ute to	Computer Model for Determining Bank Storage at Hungry Horse Reservoir, Northwestern 7-08	8 5C
Reduced Pollutants in Bleach Plant Effluer	nt,	Montana, THORN, D.	
W74-06385 7-12	5D	W74-11732 7-22 4B Improved Dynamic Programing Procedure	
THOMPSON, G.	· le ·	THOMPSON, T. W. Their Practical Application to Water Res Systems,	ource
Development of the Turbidity Maximum Coastal Plain Estuary,	i in a	Investigation of a Northeastern Wisconsin Lake Ecosystem: An Interdisciplinary Ap-	5 6A
W74-09587 7-18	3 2L	Proach. Phase II-Management Problems and THORN, W. Alternatives,	
Effectiveness of Sequential Photography Coastal Oceanography,	y for	W74-02662 7-06 6B Method of Digesting and Further Proceedings of the Procedings	essing
	2L	THOMPSON, W. C. W74-03671 7-07	7 5D
		Quasi-Weekly and Daily Profile Changes on a THORNDIKE, A. S.	
THOMPSON, J. M. Mixture, a Computer Program for the Cal	leulo	Distinctive Sand Beach, Modeling the Pack Ice as an Flastic-	Plastic
tion of Hot Water Temperature and M	fixing	W/4-04964 /-10 2L Material,	
Fractions of Large Volume Warm Sprin	igs of	THOMPSON, W. C. AND	9 2C
Mixed Water Origin, W74-05156 7-10	7C	The Effect of Waves on the Profile of a Natural Beach.	
W 74-03130 7-10	, ,,	W74-04620 7-09 21 A Technique for Simultaneous Echo Lo	cation
THOMPSON, J. R.		of Fish and Thermal Plume Mapping,	o en
The Rocky Mountain Millivolt Integrato use with Solar Radiation Sensors,	or for	THOMSON, F. H.	8 5B
	2 2D	Water Resources of Lee County, Mississippi, W74-02340 7-05 4B Annual Cycle in River Water Quality: A	Time
THOMPSON, L. G.		THOMSON, F. J. Series Approach,	Time
Analysis of the Concentration of Micropar	rticles	Crop Species Recognition and Mensuration in W74-00372 7-0	1 5B
in the Long Ice Core from Byrd Station, W74-06931 7-13	3 2C	the Sacramento Valley, W74-01685 7-04 3F THORNHILL, W. F.	
		Boron Release from Deionizers,	
THOMPSON, M. P. JR. An Annotated List of the Summer Verte	ebrate	Remote Sensing.	7 5B
Fauna of Upper Lusk Creek, Pope Count linois,	ty, Il-	W74-00635 7-02 5B THORNTON, E. B. A Field Investigation of Sand Transport	in the
	3 2I	Terrain Classification Maps of Yellowstone Surf Zone,	
THOMPSON, N. P.			09 23
Polychlorinated Biphenyls and P,P' DE	DE in	W74-06645 7-13 4A The Kinematics of Water Particle of Bro	eaking
Green Turtle Eggs from Ascension Is		THOMSON, G. W. Waves Within the Surf Zone,	
South Atlantic Ocean,			0 2E
	5C	ventory, W74-11581 7-22 6G THORNTON, I.	
THOMBOON B F C		The Distribution of Tongs Metals and Fa	

7-11 5D 'Sixteen Years of Water Fluoridation in The

The Distribution of Trace Metals and Fauna in

the First of Clyde in Relation to the Disposal of Sewage Sludge,
W74-02420 7-05 5B

THOMPSON, R. E. S.

Process for Recovering Forest Product Plant
Wastes,
W74-05900 7-11 5D THOMSON, H. M.
Comments on the Sixteen Years of

THORNTON, J. S.	Effects of Copper and Cadmium on Osmoregu-	TICHY, M.
Determination of Residues of Mesurol and it		Polyacrylamide Gel Disc Electrophoresis of
Toxic Metabolites in Plant and Animal Tissues,	cies of Estuarine Crabs,	Rat Bile after Intravenous Administration of 52
W74-06128 7-12 5A	W74-11491 7-22 5C	MnC12, 64CuC12, 203HgC12 and 210
THORNTON, R. J.	Physiological Response of the Mud Crab, Eu-	Pb(N03)2,
Leachate Treatment by Coagulation and		W74-07694 7-15 5C
Precipitation,	., Panopolo Depressas to casamin,	TICKNER, E. G.
W74-08091 7-15 5I		Effects of Reefs and Bottom Slopes on Wind
117-00071	THURLEY, B. L.	Set-Up in Shallow Water,
THORNTON, W. E.	The Use of Mini Computers in the Water In-	W74-01182 7-03 2J
Sulfuric Acid and Ferrous Sulfate Recover	dustry.	
From Waste Pickle Liquor,	W74-00666 7-02 7C	TIDBALL, R. A.
W74-08945 7-17 51	7-02 70	Development of a Reverse Osmosis Module for
	THURMAN, R. K.	Wash Water Recycling in a Space Environment
THORP, V. J.	Floring Oil Containment Boom	at 165 deg F,
Toxicity Bioassays of Cadmium on Selecte	WIEL 00000	W74-08344 7-16 5D
Freshwater Invertebrates and the Interaction of Cadmium and Zinc on the Freshwater Shrimp		
Paratya Tasmaniensis Riek,	THURNER, VON K.	Sea Water Pilot Plant Construction and Opera-
W74-11307 7-21 50	Bacteriological Studies on Gravel Pit Lakes	tion,
W/4-1130/ /-21 30	(Bakteriologische Untersuchungen an Bagger-	W74-01909 7-04 3A
THORSTEINSSON, T.	seen),	TIEDERMAN, W. G.
Geohydrology of the Laugarnes Hydrotherma	W74-01976 7-04 5A	Feasibility Study of Hydrocyclone Systems for
System in Reykjavik, Iceland,		Dredge Operations,
W74-08996 7-17 2	THUROW, C.	W74-09202 7-17 5D
	W.A.L.R.U.S. Water and Land Resource	W14-03202 1-11 3D
THORUD, D. B.	Utilization Simulation Player's Manual	TIEDERMAN, W. G. JR.
A Preliminary Assessment of Snowfall Inte		Dispersed Growth Biological Sewage Treat-
ception in Arizona Ponderosa Pine Forest,	W74-11041 7-21 6A	ment Process,
W74-06455 7-12 2		W74-05884 7-11 5D
THEATTER	TIAGI, G. K.	
THRAILKILL, J. Pipe Flow Models of a Kentucky Limeston	Relation of Mineral and Hormone Metabolism	TIEDJE, J. M.
Aquifer,	to make or water with a right statement content	Biodegradation of Nitrilotriacetate (NTA) in
W74-12326 7-23 2	of Fluoride,	Soils,
W 74-12320 7-23 2	W74-02235 7-05 5C	W74-07624 7-15 5B
Variables Affecting Well Success in a Ker	TIBALDI, ETTORE	Environmental Control of Nitrogen Fixation in
tucky Limestone Aquifer,	Study on the Periphytic Colonizations of a	Lakes, I. In situ Nitrogen Fixation by Free Liv-
W74-07176 7-14 4	Lateral Environment of the River Po(Italy), (In	ing Blue-Green Algae, and II. Nitrogen Fixa-
	Italian)	tion by the Duckweed-Algal Association,
Variables Affecting Well Success in a Ker	W74-07702 7-15 2I	W74-07716 7-15 5C
tucky Limestone Aquifer,		W/40//10 /-15 3C
W74-09543 7-18 4	TIBBETTS, F. E. III	Initial Observations of Several Medium Sized
THRALL, D. E.	Perhalobenzenesulfinates as Reagents in the	Barriered Landscape Water Renovation
Development of a Computer Program to Simi		Systems for Animal Wastes,
late Wind Wave Generation, Refraction, an		W74-09695 7-18 5D
Shoaling in the Gulf of Maine,	W74-05482 7-11 5A	
W74-05695 7-11 2		Soil Modification for Dentrification and
	TIBBS, J. F.	Phosphate Reduction of Feedlot Waste,
THRAPP, A. G.	Description, Distribution, and Ecology of the	W74-12216 7-23 5D
Pyramid Lake Recreation Development Pla	. Rotifer and Crustacean Plankton Communities,	TIEMEIER, O. W.
Initial Facilities,	Flathead Lake, Montana,	Investigations of Nutrition and Metabolism of
W74-03955 7-08 6	B W74-02448 7-05 2H	Catfish and Utilization of Fisheries Products,
		W74-03802 7-08 81
THREADGILL, E. D.	Testacea (Protozoa: Sarcodina) as Indicators of	7-05-01
A Simulated Environmental Model of Temper		TIETENBERG, T. H.
ture, Evaporation, Rainfall, and Soil Moisture W74-06591 7-13 3		Controlling Pollution by Price and Standard
W 74-06391 7-13 3	TIBBY, R. B. AND	Systems: A General Equilibrium analysis,
THRONDIKE, A. S.	Multi-Dimensional Aspects of Eddy Diffusion	W74-09561 7-18 5G
Strain Calculations Using AIDJEX 1972 Pos	Determined by Dye Diffusion Experiments in	
tion Data,	Coastal Waters (Summary),	TIEWS, J.
W74-09942 7-19 2	C W74-04322 7-09 2L	On the Composition of Mixed Fodder Rations
	7-04322 /-09 2L	for Trout in Net Cages, (In German),
THUM, A. B.	TICE, A. R.	W74-07599 7-14 8I
Sea Surface Temperature and Salinity Cond	The Water-Ice Phase Composition of Clay-	TIEWS, K.
tions in 1969 at Agate Beach and Yaquina Ba	Water Systems: I. The Kaolinite-Water	On the Composition of Mixed Fodder Rations
Oregon,	Cuetam	for Trout in Net Cages, (In German),
W74-04935 7-10 2	W74-03783 7-08 2G	W74-07599 7-14 8I
		/-14 01

TICE, A. R. AND

TICHENOR, B. A.

natives,

W74-03791

7-09 2L

The Unfrozen Water and the Apparent Specific

Evaluation of Thermal Pollution Control Alter-

Heat Capacity of Frozen Soils, W74-04374

THUM, A. B. AND

W74-04730

THURBERG, F. P.

Inshore Sea Surface Temperature and Salinity

Conditions at Agate Beach, Yaquina Bay and Whale Cove, Oregon, in 1970,

Biological Activity of a Cen Land.
Dinoflagellate, Amphidinium carteri,
7-11 5C

7-12 5C

TIGE, G.

TIHANSKY, D. P.

Steel Industry,

W74-09082

7-09 2C

7-08 5D

A Parasitic Sporozoan of Crassostrea rhizophorae (Guilding), (In French), W74-06253 7-12 5C

A Cost Analysis of Waste Management in the

TIHANSKY, D. P.		
Damage Assessment of Household Water	TIMMONS, J. F.	TINGA, J. H.
Quality,	Development of Models for Analyzing Water	Growth of Subirrigated Japanese Holly as Af-
W74-11646 7-22 5C	Resources Development and Use Within a Re- gional Framework,	fected by Soil Type and Depth, W74-09600 7-18 21
Economic Damages from Residential Use of Mineralized Water Supply,	W74-02455 7-05 6A	TINLIN, R. M.
W74-07417 7-14 5C	TIMMS, B. V. A Limnological Survey of the Freshwater	A Computer Automated System for Hydrologic
Economic Damages to Household Items from	Coastal Lakes of East Gippsland, Victoria,	Data Acquisition and Analyses, W74-11558 7-22 7B
Water Supply Use, W74-11930 7-22 5G	W74-01813 7-04 5C	TINSLEY, C. H.
Historical Development of Water Pollution Control Cost Functions,	A Meromictic Lake in Australia, W74-04101 7-08 5C	Turbulent Diffusion in Liquid Jets: Part I, Mea- surement of Particle Concentration by a Light
W74-11102 7-21 5G	TIMONOV, V. V.	Scattering Probe, W74-10196 7-19 5B
Methods and Problems of Estimating Water-	Aircraft Measurement of Sea-Wave Parameters by the Radio-Engineering Method (Izmereniye	TINSLEY, K.
Quality Benefits, W74-13219 7-24 5G	parametrov morskogo volneniya radiotekh- nicheskim metodom s letatel'nogo apparata),	Distribution of Dieldrin in the Turtle,
	W74-09933 7-19 7B	W74-06124 7-12 5A
TIKHOMIROV, V. N.	TIMPE, W. G.	TINSLEY, P. S.
The Distribution of Carex bohemica Schreb. in the Central Belt of the European Part of the	Activated Carbon and Other Techniques for	Investigations of the Response of an Uncon-
USSR, (In Russian), W74-11873 7-22 2H	Color Removal from Kraft Mill Effluents, W74-12423 7-23 5D	fined Aquifer to Localized Recharge, W74-08234 7-16 2F
		TIPISEV, A. YA.
TIKHONOV, A. N. Development of Research and Utilization of	Kraft Pulping Effluent Treatment and Reuse - State of the Art,	System of Combined and Profound Treatment
Geothermal Resources in the USSR,	W74-05110 7-10 5D	of Pulp and Paper Industry Waste Waters with
W74-08985 7-17 2F		Activated Sludge, W74-12428 7-23 5D
TIKKANEN, T.	TIMPE, W. G. AND Processes for Reducing the Organic-Carbon	W 14-12420 1-23 3D
On the Littoral Algae of the Lake Nuuksion	Content of Water Contaminated with Organic	TIPPNER, M.
Pitkajarvi, Southern Finland: I. Ecology of the	Compounds by Continuous Countercurrent	On The Extent of Bottom Erosion in Large
Most Important Algal Species,	Multistage Treatment with Activated Carbon,	Rivers (Ueber den Umfang der Schlenerosion in grossen Gewaessern),
W74-12738 7-23 5C	W74-04704 7-09 5D	W74-04252 7-08 2J
TILLMANNS, G. C.	TIMPERMAN, J.	TIPTON, A. R.
Adaptation to Ammonia in Situ by Submerged	Biomass, Productivity and Phytogeochemistry of the Vegetation of the Banks of an Ardenne	Part I - A Conceptual Model for a Terrestrial
Macrophytes,	Stream (Gembes Brook, at Daverdisse,	Ecosystem Perturbed with Sewage Effluent.
W74-01759 7-04 5C	Ardenne, Luxembourg): III. Survey on the	with Special Reference to the Michigan State
TILSWORTH, T.	Biomass and Productivity of the Woody	University Water Quality Management Project;
Organic and Color Removal From Water Sup-	Stratum of an Island of the Mache Valley), W74-12617 7-23 21	Part II - A Personalized Bibliographi c Retrieval Package for Resource Scientists.
plies by Synthetic Resinous Adsorbents, W74-09050 7-17 5D	W/4-1201/	W74-07606 7-15 5D
111 32	TIMUR, A.	MIDDON M. I
TILTON, R. C.	Pulsed Nuclear Magnetic Resonance Studies of Porosity, Movable Fluid, and Permeability of	TIPTON, M. J. How Wells Affect Shallow Glacial Ground-
Microdilution Antibiotic Susceptibility Test: Examination of Certain Variables,	Sandstones,	Water Supplies in South Dakota,
W74-02968 7-06 5A	W74-03166 7-06 8G	W74-10873 7-20 4B
THAT PHOY O N	TIN, N. S.	TIRRANEN, L. S.
TIMAKHOV, O. N. A Multipurpose Spectrofluorimeter for the	Development of Water Supply in Vietnam,	Microflora of Nutrient Solution in Soilless
Study of Natural and Contaminated Water, (In	W74-08460 7-16 5G	Growing of Vegetable Crops, (In Russian),
Russian), W74-13358 7-24 5A	TINCHER, W. C.	W74-04235 7-08 3F
W/4-13338 /-24 3A	Effect of Polyester Fiber Processing Effluents	TISCHER, R. G.
TIMKU, D. J.	on Water Quality, W74-03761 7-08 5A	Study of the Extracellular Polysaccharides
Solving Drilling Problems Utilizing Well Logs -	W14-03/01	Produced by a Blue-Green Alga, A-37, W74-00734 7-02 5G
A Case History, W74-07898 7-15 8G	TINDALL, F. M.	
W/4-0/020	Mercury Analysis by Atomic Absorption Spectrophotometry,	
TIMM, R. J.	W74-07704 7-15 5A	The Effects of Water Resources Development
Estimating Regional Wastewater Treatment		on Estuarine Environments, W74-09556 7-18 2L
Costs, W74-00169 7-01 5D	TING, R. Y. The Determination of Mercury in Commer-	
	cially Important Aquatic Organisms,	TISDALE, E. W.
TIMMERMANS, J. A. Textbook of Fish Culture Breeding and Cul-	W74-11438 7-21 5A	Application of Remote Sensing in the Study of Vegetation and Soils in Idaho,
Textbook of Fish Culture. Breeding and Cul- tivation of Fish.	Distribution of ZN, FE, MN, and SR in Marine	W74-11738 7-22 4A
W74-10045 7-19 2I	Fishes of Different Feeding Habits.	
	W74-07801 7-15 5C	TISHCHENKO, A. P. Geophysical Measurements of the Thickness of
TIMMONS, D. R. Nitrogen and Phosphorus Losses in Surface	Marina Saianaas	the Malyy Azau Glacier (Geofizicheskiye
Runoff from Agricultural Land as Influenced	Marine Sciences, W74-09237 7-17 5C	opredeleniya moshchnosti lednika Malyy
by Placement of Broadcast Fertilizer,		Azau),
W74-04096 7-08 5C	TING, Y. Y.	W74-01390 7-03 2C

W74-02690

7-23 5A

An Ecological Study on the So-Called Mogai (Anadara subcrenata (Lischke)) Cultured in the Kasaoka Bay (In Japanese).

7-06 5C

7-07 2E

TITOV, L. F. Wind-Driven Waves.

W74-03673

W74-12307

Sorption of Orthophosphate on the Surface of

Water Sample Containers,

TIWARI, G. D. Microdetection of Nitrate with Malachite	TOBIAS, L. Feasibility Study of the Sand Sinking Method	A Compartmented Aquatic Model of the Rela- tionship Between Carbonate and Nitrate in a Great Plains Reservoir.
Green or Congo Red, W74-00273 7-01 2K	of Combatting a Major Oil Spill in the Ocean Environment,	W74-12659 7-23 5C
MARKA BAR AV MI	W74-02635 7-05 5G	Half-Saturation Constants for Uptake of
TIWARI, K. N. Correlations Between P, Fe and Mn Availabili-	TOBIAS, R. F.	Nitrate and Ammonia By Reservoir Plankton,
ty in Water-Logged Soil at Different Fertility	Electrochemical Flotation Concept for Remov-	W74-03299 7-07 5C
Levels.	ing Oil from Water,	N'
W74-08134 7-15 2G	W74-02634 7-05 5D	Nitrogen Turnover in Impoundments, W74-06505 7-13 5C
manual Day at the	TORR R F	7-13 30
TIWARI, K. P. Encouraging Residual Effect of Phosphorus on	TODD, D. K. Dispersion of Pollutants in Saturated Porous	Observations on the Nitrogen Fixing Potential
Wheat with One Irrigation,	Media.	of the Surface Waters of a Large Impound-
W74-06496 7-12 3F	W74-03093 7-06 5B	ment, W74-00436 7-01 5C
		W 74-00430 7-01 3C
TJELL, J. C.	The Future Prospects of Artificial Groundwater	TOFFLEMIRE, T. J.
Selectrode - the Universal Ion-Selective Elec- trode. Part VI. The Calcium (II) Selectrode Em-	Recharge, W74-03826 7-08 5D	Activated Carbon Adsorption and Polishing of
ploying a New Ion Exchanger in a Nonporous	W 74-03620 7-08 3D	Strong Wastewater, W74-06411 7-12 5D
Membrane and a Solid-State Reference	Polluted Groundwater: A Review of the Signifi-	W 74-00411 7-12 3D
System,	cant Literature,	A Guide to Chemical and Clarifier Selection for
W74-06764 7-13 5A	W74-11800 7-22 5B	Waste Water Treatment,
MINDIANA P. D.	Salt-Water Intrusion and Its Control,	W74-00811 7-02 5D
TJEPKEMA, J. P. Biota of Freshwater Ecosystems Identification	W74-08662 7-16 5B	Land Disposal of WastewaterLiterature
Manual No. 10 Genera of Freshwater Ne-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Review for 1973,
matodes (Nematoda) of Eastern North Amer-	TODD, W.	W74-07327 7-14 5D
ica,	Preparation of Urban Land Use Inventories by	Phosphate Removal by Sands and Soils,
W74-00563 7-02 2I	Machine-Processing of ERTS MSS Data, W74-06637 7-13 4A	W74-12235 7-23 5E
THOE B C	W74-06637 7-13 4A	
TJIOE, P. S. Mercury-Selenium Correlations in Marine	TODHUNTER, R.	Survey of Methods of Treating Wine and Grape
Mammals,	Water Quality Report-Stillaguamish River,	Waste Water, W74-02329 7-05 5D
W74-03603 7-07 5C	December 1970-September 1971,	W 14-02329 1-03 3E
	W74-06273 7-12 5B	Survey of Methods of Treating Wine and Grape
TJIOE, P. S. AND	TODOKI, N.	Wastewaters,
A Preliminary Survey of the Possible Con-	Photogrammetric Techniques Applied in the	W74-12676 7-23 5D
tamination of Lake Nakuru in Kenya with Some Metals and Chlorinated Hydrocarbon	Development of Geothermal Resources in Mat-	Wastewater Treatment: Land Disposal of
Pesticides,	sukawa and Otake Geothermal Areas Using a	Wastewater,
W74-04547 7-09 5C	Vector Method,	W74-12940 7-24 5D
	W74-09012 7-17 4B	TOI, J.
TKACHENKO, I. A.	TODSEN, M.	On Environmental Factors of Eel Ponds
Procedures for Computing Movement of Spring Flow Along the Cascade of Reservoirs on the	Numerical Studies of Two-Dimensional Satu-	Chemistry of Water and Soil and Plankton in
Dnieper River (Metodika rascheta dvizheniya	rated-Unsaturated Drainage Models,	March and June 1967, (In Japanese),
vesennego stoka po kaskadu vodokhranilishch	W74-07168 7-14 2G	W74-02933 7-06 2H
na Dnepre),	TOEBES, C.	TOJA, J.
W74-00593 7-02 4A	The Water Balance of New Zealand,	Plankton Production and Water Quality in
TKACHENKO, N. I.	W74-02291 7-05 2A	Spanish Reservoirs. First Report on a Research
Microbiological Purification of Hydrogen Sul-	TOPRES C H	Project, W74-08005 7-15 50
fide-Containing Kraft Mill Effluents	TOEBES, G. H. Estimating Reservoir Recreational Vists in In-	W 74-08003 7-13 3C
(Mikrobiologicheskaya ochistka serovodorod-	diana,	TOKAR, J. V.
nykh stochnykh vod sul'fatno-tsellyuloznogo	W74-12196 7-23 6B	Field Investigations of Heated Discharges from
proizvodstva),		Nuclear Power Plants on Lake Michigan: 1972,
W74-07387 7-14 5D	Upper Wabash Simulation Model. Program	W74-12904 7-24 5E
Microbiological Purification of Hydrogen Sul-	Documentation and Extension, W74-12197 7-23 4A	TOKARZ, S.
fide Containing Waste Waters from Sulfate	W/4-1219/ /-25 4A	Modification of the Way of Reading the Value
Pulp Production (Mikrobiologicheskaya ochist-	TOEI, K.	of Resistance Measured by Means of the Pneu matic Soil Resistancemeter (Penetromete
ka serovodorodnykh stochnykh vod sulfatnot-	The Solvent Extraction of the Ternary Com-	Type), (In Polish),
sellyuloznogo proizvodstva),	plexes of Iron(II)-Rhodamine B With Various	W74-00051 7-01 7E
W74-12949 7-24 5D	Nitrosophenols. Determination of Iron in Waters,	
TKACHUK, K. S.	W74-00288 7-01 2K	TOKUNAGA, T. Distribution of Bottom Fishes in Pelation to
Effect of Drought on the Nucleic Acid Content		Distribution of Bottom Fishes in Relation to Oxygen Contents in the Bottom Water o
in Winter Wheat, (In Ukrainian),	TOERIEN, D. F.	Omura Bay, (In Japanese),
W74-13352 7-24 21	Algal Growth Prediction Using Growth Kinetic	W74-13086 7-24 50
TO, CHANG MAN	Constants, W74-03871 7-08 5C	TOLER, L.
Research on the Culture of Certain Common	7-08 SC	Effect of Deicing Chemicals on Ground and
Marine Organisms in Singapore Waters,	Application of Algal Bioassays in Eutrophica-	Surface Water(Modus Operandi),
W74-08477 7-16 3F	tion Analyses,	W74-07617 7-15 51
TOPED C	W74-02907 7-06 5C	
TOBER, G. Laboratory Investigations of Whitecaps, Spray	TOETZ, D. W.	TOLER, L. G. Hydrology and Water Resources of the Deer
and Capillary Waves,	Biogeochemistry of a Reservoir Ecosystem,	field River Basin, Massachusetts,
W74-03506 7-07 2E	W74-11164 7-21 5C	W74-13016 7-24 70

TOLER. L. G.

TOLER, E. O.		
Hydrology and Water Resources of the Hoosic	TOMITA, B.	TORABI, M.
River Basin, Massachusetts,	Determination of Nitrate Nitrogen in Drinking-	Earthquake Damage Costs in the Design of
W74-06958 7-13 7C	Water by Cadmium-Copper Reduction, (In	Water Resource Systems, W74-08018 7-15 4A
TOLIVIA, M. E.	Japanese), W74-13498 7-24 5A	W /4-08016 /-13 4A
Production of Fresh Water from the En-	# (4-15470 /-24 JK	TORELLI, L.
dogenous Steam of Cerro Prieto Geothermal	TOMKA, O. AND	The Analysis of Some Monthly Hydrologic
Field,	Effect of Long-Term Application of Variously	Time Series,
W74-09037 7-17 3A	High Rates of Nutrients on Natural Grassland	W74-10606 7-20 2A
TOLLEFSON, C. I.	Swards, W74-04693 7-09 4A	TORPEY, W. N.
Conditioning and Disposal of Solids From	W /4-04093 /-09 4A	Method and Apparatus for the Biological Treat-
Potato Wastewater Treatment,	TOMKINS, A. L.	ment of Waste Water,
W74-06486 7-12 5D	Determination of Mean Cell Size of	W74-04709 7-09 5D
TOLLEFSON, J. O.	Tetrahymena in Growing Cultures,	Rotating Biological Disk Wastewater Treatment
Simulation of Water Recreation Users' Deci-	W74-07586 7-14 5A	Process - Pilot Plant Evaluation,
sions,	TOMKOW, J.	W74-07373 7-14 5D
W74-01464 7-03 6D	Coxsackievirus B Epidemic at a Boys' Summer	Treatment of Wastewater,
TOTAL TIN D. M.	Camp: Isolation of Virus from Swimming	W74-12445 7-23 5D
TOLMAZIN, D. M. Features of Horizontal Turbulence in the Lit-	Water,	W 14-124-3
toral Zone of the Ocean.	W74-12698 7-23 5A	TORRANCE, K.
W74-03452 7-07 2E	TOMKUS, I. S.	A Potentiometric Method for the Determination
	The Problem of the Microclimate of the Dry	of Chloride in Boiler Waters in the Range 0.1 to
TOLSTED, D. N.	Pine Forest, (In Russian),	10 Microgram Per MI of Chloride, W74-11079 7-21 5A
Effect of Grazing on Runoff from Two Small	W74-05350 7-10 21	1-21 3A
Watersheds in Southwestern Wisconsin, W74-07525 7-14 4C		TORRENS, R. L.
W74-07525 7-14 4C	TOMLINSON, R. D.	Aerobic Treatment of Feedlot Runoff,
Larch Litter Removal has No Significant Ef-	Chemical Data From Oregon Waters, 1972, W74-10652 7-20 5B	W74-11281 7-21 5D
fect on Runoff,	W74-10032 7-20 3B	TORRENT, J.
W74-11071 7-21 2E	TONELLI, F. A. F. M.	Detection of Major River Bed Changes in the
TOLSTIKHIN, O. N.	Electrolytic Flotation Apparatus,	River Ebro (North-Eastern Spain),
Problems of Hydrogeologic Investigations in	W74-08030 7-15 5D	W74-02589 7-05 7B
the Eastern Part of the USSR in 1971-75	TONER, L.	TORRES, B. C.
(Zadachi gidrogeologicheskikh issledovaniy na	An Inexpensive Titration Method for the Deter-	Salt Tolerance of Mexican Wheat: I. Effect of
Vostoke SSSR na 1971-1975 gg),	mination of Organic Carbon in Recent Sedi-	NO3 and NaCl on Mineral Nutrition, Growth,
W74-09647 7-18 4B	ments,	and Grain Production of Four Wheats,
TOMA, G.	W74-06284 7-12 5A	W74-10328 7-19 3C
Feasibility Study for the Establishment of Dal-	TONG, S. C.	TORRES, G. JR.
maj Pilot Project,	Trace Metals in New York State Fish,	Oxnard Basin Experimental Extraction-Type
W74-13346 7-24 3F	W74-11934 7-22 5C	Barrier,
TOMAJKA, J.		W74-01289 7-03 8B
Preliminary Data About the Seasonal Changes	TONG, S. S. C.	TORSI, G.
and Vertical Stratification of Periphyton from	Trace Metals in Lake Cayuga Lake Trout (Salvelinus Namaycush) in Relation to Age,	Influence of Heating Rate on Analytical
the Middle Reach of the River Danube,	W74-11336 7-21 5C	Response in Flameless Atomic Absorption
W74-04294 7-08 5A	721 30	Spectrometry,
Primary Production of the Periphyton in the	TONGUE, E.	W74-00278 7-01 5A
Littoral of the Danube,	Technical Computer Systems,	TORY, A. C.
W74-04876 7-10 5C	W74-12128 7-23 6A	A General Purpose Digital Model of a Water
months.	TONGWAY, D. J.	Resource System,
TOMAN, J. Kra Canal Project: A Preliminary Assessment	Seasonal Changes in Sodium and Chloride Con-	W74-12135 7-23 6A
of Nuclear Excavation Feasibility for Route	centration of Saltbush (Atriplex spp.) Leaves as	TOTH, A. S.
5A,	Related to Soil and Plant Water Potential,	Two-Way Filter,
W74-13119 7-24 8H	W74-02105 7-04 2I	W74-02033 7-04 5D
Project Die Blance Carll Management Date	TONTANI, Y.	TOTH V
Project Rio Blanco Spall Measurements Data Report,	On the Characteristics of Salt Intrusion in the	TOTH, K. Electrochemical Study of a Heterogeneous
W74-07797 7-15 4B	Kitakami River, Miyagi Prefecture (In	Copper(II)-Selective Electrode; Study of Selec-
	Japanese),	tivity and Potential Stability,
TOMASSON, J.	W74-02541 7-05 5B	W74-00637 7-02 2K
Deuterium and Chloride in Geothermal Studies	TOOMS, J. S.	TOTH B
in Iceland, W74-09022 7-17 2K	An Additional Location of Metalliferous Sedi-	TOTH, R. The Concept of Carrying Capacity,
W74-09022 7-17 2K	ments in the Red Sea,	W74-12469 7-23 6B
Exploration of the Reykianes Thermal Brine	W74-05554 7-11 2J	7-23 00
Area,		TOTH, S. J.
W74-09039 7-17 2K	TOPOL, G. J.	Composting Agricultural and Industrial Organic
TOMILOV, A. P.	Sewage Treatment Process, W74-00960 7-02 5D	Wastes, W74-10159 7-19 5D
Electrochemical Purification of Industrial Ef-	1-02 30	W74-10159 7-19 5D
fluents (Elektrokhimicheskaya Ochistka Pro-	TOPPING, G.	TOTSUKA, A.
myshlennykh Stocknykh Vod),	Pollution Studies in the Clyde Sea Area,	Investigation of Brewing Water Treatment,
W74-06402 7-12 5D	W74-06049 7-12 5C	W74-07023 7-13 5A

TOTTERMAN, H.	TOYOKUNI, E.	TRAXLER, R. W.
Oxygen-Consuming Organic Matter (BOD) in	Studies on Modeling of Urban Storm Water	Bacterial Degradation of Petroleum Materials
Effluents Originating in Different Pulping	Runoffon the Relation Between the Composi-	in Low Temperature Marine Environments,
Processes of the Woodworking Industry:	tion of Basin Model and the Equivalent	W74-08626 7-16 5B
Review of Literature During the Years 1960-	Roughness,	Missablel Co-midation of Welconstal Ac-
1970,	W74-11855 7-22 5B	Microbial Co-oxidation of Halogenated Aro- matic Compounds,
W74-00793 7-02 5B	Studies on Runoff Characteristics in Channel	W74-13057 7-24 5B
TOU, J. C.	Network Systems in Low Land,	W 14-13037
Kinetic Studies of the Stabilities of	W74-11865 7-22 2A	TREASURE, W.
Chloromethyl Methyl Ether and BIS		Applicability of ERTS-1 Imagery to the Study
(Chloromethyl) Ether in Humid Air,	TRABANT, D.	of Suspended Sediment and Aquatic Fronts,
W74-10997 7-21 5B	The Tundra Microclimate During Snow-Melt at	W74-06666 7-13 2L
TOU V.	Barrow, Alaska,	Effect of Spoil Disposal on Benthic Inver-
TOU, K-J.	W74-02095 7-04 2C	tebrates.
Hydromorphology of Alluvial Channels of Lowland Rivers and Tidal Estuaries,	TRACHTENBERG, I.	W74-01420 7-03 5C
W74-05547 7-11 2J	Determination of Sulfate Using Ferric Ion-	703 30
111 23	Selective Electrode,	TREBY, E.
TOUPS, J. M.	W74-05693 7-11 5A	The Role of the Political Idiom in Jurisdictional
Water Quality and Other Aspects of Ground-		Conflicts Over Off-Shore Oil and Gas,
Water Recharge in Southern California,	Evaluation of the Ferric Ion Sensitive Chal-	W74-12625 7-23 6E
W74-06366 7-12 5B	cogenide Glass Electrode,	TREDGETT, R. G.
TOURBIER, J.	W74-02984 7-06 5A	Direct-Filtration Studies for Metropolitan
Water Resources as a Basis for Comprehensive	Ion-Selective Electrochemical Sensors,	Toronto,
Planning and Development in the Christina	W74-00146 7-01 3A	W74-10928 7-21 5D
River Basin,	W/4-00146 /-01 3A	W 14-10726 7-21 3D
W74-04988 7-10 6B	Potentiometric Measurement of Copper in Sea-	TREHARNE, R. W.
	water with Ion 1 = 1 Selective Electrodes.	Acid Mine Water Treatment Process,
Water Resources Protection Measures in Land	W74-11350 7-21 5A	W74-11408 7-21 5D
Development - A Handbook,		
W74-12352 7-23 5G	TRAETTEBERG, A.	Method for Controlling Algae Pollution,
TOUVINEN, O. H.	Hydraulic Survey and Model Investigation of	W74-00088 7-01 5G
Acidophilic Thiobacilli in the River Sirppujoki,	the Inner Rana Fjord,	TREILLE, P.
W74-01946 7-04 5B	W74-03701 7-07 2L	Flotation Apparatus,
177-012-10	TRAFFORD, B. D.	W74-09183 7-17 5D
TOVELL, P. W. A.	Observations on the Soil-Water Regimes in a	
Effect of Water Hardness on the Toxicity of an	Drained Clay Soil.	Recent Developments in Paper Mill Effluent
Anionic Detergent to Fish,	W74-00359 7-01 2G	Treatment in France (Developpements recents
W74-11310 7-21 5C	701 20	du traitement des effluents de papeterie en
TOWN B C	TRAFFORD, G. H.	France),
TOWN, P. C.	Multidisciplinary/Regional Resource Surveys,	W74-12430 7-23 5D
Treatment of Laundromat Wastes, W74-05109 7-10 5D	W74-01171 7-03 7B	Becaut Developments in Treatment of Bones
W 74-03109 7-10 3D		Recent Developments in Treatment of Paper- making Effluents in France (Developpements
TOWNE, R. E.	TRAGESSER, A.	recents du traitement des effluents de papeterie
Control of Algae by Mixing,	Using Improved Technology to Obtain Better	en France),
W74-05064 7-10 5G	Cement Jobs on Deep, Hot Liners, W74-07878 7-15 8F	W74-08402 7-16 5D
14. 0 D. I. W. W I'. O	W/4-0/0/0	
Mt. Sunapee State Park, New Hampshire Spray	TRAIN, R. E.	TREININ, A.
Irrigation Project, W74-12893 7-24 5D	Management for the Future,	Photoionization of Phenols in Water: Effects of
W/4-12099	W74-12459 7-23 6G	Light Intensity, Oxygen, pH, and Temperature
TOWNSEND, R.		W74-12169 7-23 5F
Lateral Mixing Characteristics of the Hydraulic	TRAINER, F. W.	TRELEASE, F. J.
Jump in a Spatially-Varied Flow,	Use of Base-Runoff Recession Curves to	Liability for Harm from Underground Waste
W74-12098 7-23 5B	Determine Areal Transmissivities in the Upper Potomac River Basin,	Disposal,
TOWNSEND D F	W74-09740 7-18 2E	W74-10870 7-20 SE
TOWNSEND, R. E.	1-16 ZE	,
Waste Treatment Apparatus, W74-05889 7-11 5D	TRAINOR, F. R.	TREMBLAY, J. W.
W/4-03869 /-11 3D	A Bioassay Compromise,	Survey of Wastewater Facilities and Receiving
TOWNSEND, S.	W74-05045 7-10 5C	Waters and Proposed Performance Specifica
Environmental Analysis of Ocean Dumping,		tions, McGuire AFB and Ft Dix, New Jersey
W74-10977 7-21 5B	The Heterotrophic Capabilities of Cyclotella	Volumes I and II,
	Meneghiniana,	W74-05530 7-11 5E
TOWNSHEND, A. R.	W74-06090 7-12 5C	TRENT, D. S.
Federal Assistance Programs for Water Pollu-	Indicator Species in the Desmid Staurastrum.	Numerical Computation of Momentum Jets and
tion Control Technology Development, W74-12959 7-24 5G	W74-12597 7-23 5A	Forced Plumes,
H /4-12737 /-24 3G	, as 311	W74-08782 7-17 8E
TOXOPEUS, R.	TRAMER, E. J.	
Bacteriological Water Quality Data, Beach	Diversity and Longitudinal Zonation in Fish	TRENT, R. E.
Areas, Gatineau Park Lakes, National Capital	Populations of Two Streams Entering a	Optimal Design for Highway Drainage Cul
Commission, 1973,	Metropolitan Area,	verts,
W74-07932 7-15 5B	W74-06055 7-12 21	W74-09630 7-18 4A
TOVAMA C	TRAX, J. R.	TRENTHAM, J. N.
TOYAMA, C. The Chemical Form and Bodily Distribution of	EPA Viewpoint on Land Application of Liquid	Nutritional Patterns of Some Bacteria Isolated
Mercury in Marine Fish,	Effluents,	from Fresh Water,
W74-07551 7-14 5A	W74-11844 7-22 5D	W74-12969 7-24 21

TRENTINI, W. C.

	manager a c	MDODINER D. I
TRENTINI, W. C. Natural Habitat of Caryophanon latum,	TRIMONIS, E. S. Modern Sedimentation in Black Sea,	TROFIMUK, P. I. Present State and Prospects of Use of
W74-02966 7-06 5B	W74-12382 7-23 2J	Therapeutic Mineral Waters in the Irkutsk
W /4-02900 7-00 3B		Oblast (Sostoyaniye i perspektivy
TRESCOTT, P. C.	Some Characteristics of Carbonate Sedimenta-	ispol'zovaniya lechebnykh mineral'nykh vod
Water from the Coastal Plain Aquifers in the	tion in Black Sea, W74-12383 7-23 2J	Irkutskoy oblasti),
Washington, D.C., Metropolitan Area,	W 74-12363	W74-09644 7-18 2K
W74-08597 7-16 4B	TRIPATHI, B. R.	TROGLIONE, V. R.
TRESHNIKOV, A. F.	Diagnostic Techniques for Evaluating Irrigation	Ozonating Apparatus for Drinking Water,
New Data on Water Circulation in the Arctic	Water Quality,	W74-05904 7-11 5F
Basin (Novyye dannyye o tsirkulyatsii vod	W74-02083 7-04 5A	0 Di 1500 D'
Arkticheskogo basseyna),	TRIPATHI, N. C.	Sewage Disposal Effluent Purifier, W74-00962 7-02 5D
W74-09649 7-18 2E	Effect of Moisture Stress on Soybean (Glycine	W /4-00962 /-02 3D
TREUSDELL, A. H.	max (L.) Merr.),	TROISE, F. L.
Enthalp, A Computer Program for the Calcula-	W74-01599 7-03 3F	Water Atlas of the United States,
tion of Aquifer Chemistry in Hot-Water	TRIPATHY, D. N.	W74-08668 7-16 7C
Geothermal Systems,	Leptospires from Water Sources at Dixon	Water Atlas of the United States.
W74-00532 7-01 2F	Springs Agricultural Center,	W74-10107 7-19 7C
TREVORROW, L. E.	W74-13160 7-24 5A	
Chemical Engineering Division, Waste Manage-	TRIPLER, A. B.	TROITSKAYA, M. N.
ment Programs, Quarterly Report, July-Sep-	Water-Pollution Control in the Primary Nonfer-	Some Regularities of Sr90 Accumulation in the
tember 1973,	rous-Metals Industry Volume I. Copper,	Body of a Rat with a High Fluorine Content in
W74-07788 7-15 5D	Zinc, and Lead Industries,	Its Drinking Water, (In Russian), W74-02195 7-05 5C
Chemical Engineering Division Waste Manne	W74-05116 7-10 5D	17-02175
Chemical Engineering Division Waste Manage- ment Programs Quarterly Report, October-	Water Ballistian Control in the Brimery North	TROLLOP, K. S.
December 1973,	Water-Pollution Control in the Primary Nonfer- rous-Metals Industry Volume II. Aluminum,	Prittle Brook Diversion Tunnel,
W74-13128 7-24 5D	Mercury, Gold, Silver, Molybdenum, and	W74-10482 7-20 8A
	Tungsten,	TROMPETER, R. J.
TRIEFF, N. M.	W74-05117 7-10 5D	Federal Common Law in Interstate Water Pol-
Biological Treatment of Wastewater Using Algae and Artemia.	TRIPLETT C P ID	lution Disputes,
W74-13311 7-24 5D	TRIPLETT, G. B. JR. Concepts of Conservation Tillage Systems	W74-05816 7-11 5G
W14-15511	Using Surface Mulches,	TROST, P. B.
TRIER, R. M.	W74-08277 7-16 3F	Distribution of Mercury in Residual Soils,
The Residence Time of Thorium in Surface Sea		W74-06797 7-13 5B
Water and Its Implications Regarding the Rate	Mulch and Tillage Relationships in Corn Cul-	
of Reactive Pollutants, W74-05995 7-12 5B	ture, W74-11275 7-21 3F	TROTSENKO, G. V.
W 14-03773 7-12 3B	W/4-112/3	Phytomass Reserves in Some Types of Tundra from the Northern Ob River Related Area, (In
TRIFONOVA, I. S.	TRIPP, M. R.	Russian).
Phytoplankton of the Upper Yenisei Before the	Accumulation and Depuration of Mercury in	W74-04940 7-10 2I
Sayany Reservoir Formation, (in Russian),	the American Oyster Crassostrea Virginica, W74-11490 7-22 5C	
W74-01757 7-04 5C	W 74-11490 7-22 3C	TROTT, W. J.
TRIFONOVA, N. A.	TRIPPLER, D.	Optimal State Analysis of Reservoirs, W74-05167 7-10 6A
Content and Distribution of Nitrogen Com-	ERTS-1 Applications to Minnesota Land Use	W74-05167 7-10 6A
pounds in the Rybinsk Reservoir in Summer	Mapping,	Optimization of Multiple Reservoir System,
and Autumn (Soderzhaniye i raspredeleniye	W74-06632 7-13 4A	W74-00188 7-01 4A
soyedineniy azota v Rybinskom vodok-	TRISKO, R. L.	TROTZEV II M
hranilishche v letne-osenniy period), W74-01726 7-04 5B	U.S. Deepwater Port Study, Vol. 2. Commodity	TROTZKY, H. M. The Effects of Water Flow Manipulation
W/4-01/26 /-04 3B	Studies and Projections,	Below the Hydroelectric Power Dam on the
TRIMBLE, G. M.	W74-06863 7-13 6D	Bottom Fauna of the Upper Kennebec River,
Legal and Administrative Aspects of an	U.S. Deepwater Port Study, Vol 3. Physical	Maine,
Aquaculture Policy for Hawaii, An Assess-	Coast and Port Characteristics, and Selected	W74-09462 7-18 5C
ment,	Deepwater Port Alternatives,	TROUP, A. J.
W74-06992 7-13 6E	W74-06864 7-13 6D	A Direct Comparison of Satellite and Aircraft
TRIMBLE, J. A.	TRITES, R. W.	Infrared (10 Micrometers-12 Micrometers)
An Instrumentation System to Measure Near-	Capacity of an Estuary to Accept Pollutants,	Remote Measurements of Surface Tempera-
Bottom Conditions on the Continental Shelf,	W74-00708 7-02 5C	ture,
W74-03353 7-07 2J	MANUAL B V	W74-07578 7-14 7B
TRIMBLE, S. W.	TRIVEDI, B. K. Bacteriological Water Quality and Incidence of	TROUP, B. N.
Changes in Sediment Loads in Rivers of the At-	Waterborne Diseases in a Rural Population,	Oxidation Effect on the Analysis of Iron in the
lantic Drainage of the United States Since 1900,	W74-09540 7-18 5C	Interstitial Water of Recent Anoxic Sediments,
W74-13215 7-24 5B	TROCK W.I.	W74-11379 7-21 5B

A Socio-Economic Evaluation of Users of a

Water-Based Urban Tourist Attraction: San

ROFIMOVA, M. G. Effect of Granulated DDT Used in Mosquito Control on Water Organisms, (In Russian), W74-12154 7-23 5C

Antonio, Texas, W74-12755

TROFIMOVA, M. G.

7-22 2K

7-03 5A

TROXLER, R. F.

W74-04112

W74-04697

TRPIS, M.

7-24 6B

Formation of Carbon Monoxide and Bile Pig-

Aedes aegypti and Aedes simpsoni Breeding in Coral Rock Holes on the Coast of Tanzania,

7-09 21

ment in Red and Blue-Green Algae,

TRIMBORN, P.

W74-11550

TRIMM, J. R.

W74-01366

Deuterium and Oxygen-18 Measurements on

Separation of Polyphosphates by Paper Chromatography with a New Solvent,

Surface Waters of the Bavarian Prealps,

TRUBEY, D. K.	TRZPUC, D. J.	TSUCHIYA, K.
The EXREM III Computer Code for Estimat-	The Biology and Ecology of River Carpsucker,	Application of ERTS Data to the Detection of
ing External Radiation Doses to Populations	Carpiodes Carpio (Rafinesque), in the Little	Thin Cirrus and Clear Air Turbulence, W74-02585 7-05 7B
from Environmental Releases, W74-06818 7-13 5B	Missouri Arm of Lake Sakakawea, North Dakota,	W 74-02383 7-03 /B
W/4-00818	W74-07991 7-15 2H	TSUCHIYA, Y.
TRUBKO, E. I.	7.53 2.11	Laminar Damping of Oscillatory Waves Due to
A Study of Diethylenetriamine in Connection	TRZYNA, T. C.	Bottom Friction,
with Its Hygienic Standardization in Water	Environment Impact Requirements in the	W74-03679 7-07 8B
Bodies (In Russian), W74-13165 7-24 5C	States: NEPA's Offspring,	TSUDA, R. T.
774 30	W74-10527 7-20 6E	Algal Succession on Artificial Reefs in a
TRUESDALE, G. A.	TSAI, CHU-FA	Marine Lagoon Environment in Guam,
Tertiary Methods of Waste Treatment,	Water Quality and Fish Life Below Sewage	W74-01429 7-03 5C
W74-12422 7-23 5D	Outails,	TSUGE, H.
TRUESDELL, A. H.	W74-00248 7-01 5C	Reverse Osmosis Process and its Application
The Calculation of Aquifer Chemistry in Hot-	TSAI, M. C.	(In Japanese),
Water Geothermal Systems,	Hurricane Agnes-Damage in Pennsylvania.	W74-07750 7-15 5D
W74-09916 7-19 2K	W74-09393 7-18 2E	TELICITA D A
Geochemical Indicators of Subsurface Tem-		TSUGITA, R. A. Anaerobic - Aerobic Ponds For Beet Sugar
peraturePart 1, Basic Assumptions,	ISAIIS, E. S.	Waste Treatment,
W74-09914 7-19 2K	Variations in the Height of Wave Run-Up on a	W74-10542 7-20 5E
C. 1 . 1 . 1	Sandy Beach, W74-05025 7-10 2L	
Geochemical Indicators of Subsurface Tem-		TSUJI, T.
peraturePart 2, Estimation of Temperature and Fraction of Hot Water Mixed with Colo		Results of Red Tide Formation in Tokyo Bay, W74-07770 7-15 50
Water,	New Species of Free-Living Nematodes from	W/4-0///0 /-13 3C
W74-09915 7-19 2K	Lake Baikal, (In Russian),	TSUMURA, K.
w	W74-00976 7-02 2H	In Comparison of the Food of Salamanders and
Mixture, a Computer Program for the Calcula	TOANO O	Fish in Marion Lake, British Columbia,
fractions of Large Volume Warm Springs o		W74-07349 7-14 2H
Mixed Water Origin,	Tubing,	TSUNIKOVA, E. P.
W74-05156 7-10 70	W74-06589 7-13 8B	Combined Rearing of the Pike-Perch Lucioper
	TC10 4 I	ca lucioperca (L.) and Roach Rutilus rutilus
WATEQ, A Computer Program for Calculating		Heckeli (Nordm.) in Liman Fish Farms of
Chemical Equilibria of Natural Waters, W74-08606 7-16 21	Possible Effects of Construction and Operation of a Supertanker Terminal on the Marine En-	Kuban, (In Russian),
W 74-08000 7-10 2F	vironment in New York Bight,	W74-04923 7-10 8
TRUKHLIK, S.	W74-07488 7-14 5C	TSVETKOVA, L. G.
MetathionA New Low-Toxicity Or		Dry Activated Sludge as Fertilizer for Winte
ganophosphorus Insecticide,	TSCHESCHKE, P.	Wheat and Corn, (Sukhoi aktivnyi il kal
W74-01796 7-04 51		udobrenie dlya posevov ozimi pshenits' i kuku
TRUMAN, A. B.	fluenced by Management of Highly Saline Water,	ruz'),
Water Usage in the British Paper and Board In		W74-02270 7-05 5I
dustry,		TSYGANOVA, K. N.
W74-06383 7-12 51		Regional Estimate of Brackish- and Saline
TRUMBULL, T.	Transient Heat and Mass Transfer in Fully	Groundwater Yield (Regional'naya otsenk
Pollution Abatement and Unemployment.	Developed Laminar Tube Flows, W74-04237 7-08 8B	ekspluatatsionnykh resursov solonovatykh
Methodological Study,	W 14-04231 7-08 8B	solenykh podzemnykh vod),
W74-01835 7-04 50	TSIBULSKII, V. V.	W74-01137 7-03 41
TRUSOV, A. G.	Gas-Chromatographic Determination of	TSYPLUKHIN, V. F.
Cesium Distribution in the Surface Layer of th	Hydrogen Sulfide in Aqueous Solutions (Gazo-	On the Angular Energy Spectrum of Win
Pacific Ocean,	khromatograficheskoe opredelenie serovodoroda v vodnykh raztvorakh),	Waves,
W74-02055 7-04 51	W74-12962 7-24 5A	W74-00505 7-01 21
Ratio of CS-137 SR-90 in Ocean and Se		TSYTSUGINA, V. G.
Water,	TSIGEL'NAYA, I. D.	Effect of Incorporated Radionuclides on th
W74-11959 7-22 51	Role of Ice Run-Off in the Water Balance of	Chromosomal Apparatus of Marine Fish,
7.22 3.	the Mountain Area of Central Asia,	W74-04183 7-08 50
TRUST, T. J.	W74-09345 7-18 2C	MINARY W
An Initial Evaluation of Ethylene Oxide for th		TUBAKI, K. Aquatic Sediment as a Habitat of Emericellop
Sterilization of Formulated and Pelleted Fis Feeds,	Optimization of Operation of a System of	sis. With a Description of an Undescribed Spe
W74-09723 7-18 2	Flood Control Reservoirs,	cies of Cephalosporium,
	W74-04858 7-10 4A	W74-03568 7-07 5/
TRYPHONAS, L.	TSUCHIYA, H. M.	TURE D
Dose-Response Relationships after Exposur of Swine to Organo-Mercurial Compounds,	Differential Counting in Mixed Cultures with	TUBB, R. The Biogeochemistry of Devils Lake, Nort
W74-06809 7-13 50		Dakota,
	W74-00614 7-02 5A	W74-02664 7-06 50
TRZECKI, S.		
Model Research into the Speed and Height of		TUBIASH, H. S.
Capillary Infiltration in Some Soils with Tw Levels of Moisture,	Selected Bibliography on Water Balance of Monsoon Asia (III),	A Tempering Reservoir and Manifold for Flow ing-Water Aquariums,
W74-12847 7-24 20		W74-12257 7-23 7
1-24 21	/-23 20	1-23 11

TUCHOLKE, B. E.

TUCHOLKE, B. E.	IULLIS, J. P.	IUKNER, H. J.
Determination of Montmorillonite in Small	Viscous Drag Reduction in Developing Pipe	Control of Algae by Mixing,
Samples and Implications for Suspended-	Flow,	W74-05064 7-10 5G
Matter Studies,	W74-11755 7-22 8B	
W74-06285 7-12 2J		Mt. Sunapee State Park, New Hampshire Spray
W /4-00203	TULLY, J. P.	Irrigation Project,
TUCKER, C. T.	On Structure, Entrainment, and Transport in	W74-12893 7-24 5D
Directory of Managers, Engineers and	Estuarine Embayments,	TURNER, J. E.
Scientists in Ocean Waste Disposal and Related	W74-01178 7-03 2L	In-Process Pollution Abatement: Upgrading
Environmental Science Fields,	THE STATE OF THE S	Poultry-Processing Facilities to Reduce Pollu-
W74-12020 7-23 5E	TULYAGANOV, A. KH.	tion,
	New Data on Hydrologic Regimen of Lake	
TUCKER, J. A.	Sarychelek (Novyye dannyyee po	W74-03498 7-07 5D
Thermal Requirements for Maturation,	gidrologicheskomu rezhimu oz. Sarychelek),	TURNER I F IR
Spawning, and Embryo Survival of the Brook	W74-00342 7-01 2H	TURNER, J. F. JR.
Trout, Salvelinus fontinalis,		Flood Profiles of the Lower Hillsborough
W74-02868 7-06 5C	TUNCAY, O. C.	River, Florida,
W/4-02000	The Distribution of Lead in Human Deciduous	W74-11735 7-22 2E
TUCKER, J. C.		
	Teeth,	Hydrograph Simulation Models of the Hill-
Anomalous Heat Capacities of Supercooled	W74-07691 7-15 5C	sborough and Alafia Rivers, Florida: A Prelimi-
Water and Heavy Water,		nary Report,
W74-03740 7-07 1B	TUNIS, F.	W74-01611 7-03 4A
	Typical Level of Lead in Mytilus Galloprovin-	703 41
TUCKER, J. M.	cialis LMK From The Gulf of Trieste,	TURNER, N. C.
Salts in Irrigation Drainage Waters: I. Effects	W74-11290 7-21 5B	Lateral Movement at the Periphery of a One-
of Irrigation Water Composition, Leaching		Dimensional Flow of Water,
Fraction, and Time Year on the Salt Composi-	TUNNY, J.	
tions of Irrigation Drainage Waters,	Seasonal Changes in Sodium and Chloride Con-	W74-12309 7-23 2G
	centration of Saltbush (Atriplex spp.) Leaves as	AND LODGE B. A.
W74-00609 7-02 4C		TURNER, P. A.
BUCKER W P III	Related to Soil and Plant Water Potential,	Processing and Analysis of Radioisotopic Sand
TUCKER, W. B. III.	W74-02105 7-04 21	Tracer (RIST) Study Data,
Classification and Variation of Sea Ice Ridging		W74-03628 7-07 2J
in the Arctic Basin,	TURCAN, A. N. JR.	
W74-05165 7-10 2C	Evaluation of Ground-Water Data,	TURNER, P. C.
	W74-05119 7-10 4B	Early Actions of Cadmium in the Rat and
Classification and Variation of Sea Ice Ridging		Domestic Fowl-6 Testicular and Muscle Blood
in the Western Arctic Basin,	TURK, M.	Flow Changes,
W74-12991 7-24 2C	Processing Animal Waste by Anaerobic Fer-	
W 14-12331 1-24 2C		W74-11370 7-21 5C
TUDOD A I	mentation,	MINIST D D
TUDOR, A. J.	W74-10153 7-19 5D	TURNER, R. B.
Floating Skimmer,		Some Three-Dimensional Effects in Surf,
W74-03005 7-06 5G	TURKEVICH, A. L.	W74-04942 7-10 2J
	Heavy Elements in Surface Materials: Deter-	
TUDOR, E. E.	mination by Alpha Particle Scattering,	TURNER, R. M.
Floating Skimmer,	W74-09770 7-18 5A	Quantitative and Historical Evidence of
W74-03005 7-06 5G	1110 311	Vegetation Changes Along the Upper Gila
7-00 30	TURKOWSKI, F.	River, Arizona,
TUELLER, P. T.	Reproductive Variations in the Round-Tailed	W74-13174 7-24 3B
ERTS-1 Evaluation of Natural Resources		# /4-151/4 /-24 3B
	Ground Squirrel as Related to Winter Rainfall,	Use of the Sri Electronic Satellite Image Analy-
Management Applications in the Great Basin,	W74-01895 7-04 2I	
W74-01673 7-04 4A		sis Console for Mapping Southern Arizona
	TURNER, A. B.	Plant Communities from ERTS-1 Imagery,
TUFFUOR, S.	Apparatus for Treating Industrial and Domestic	W74-02593 7-05 7B
Upper Wabash Simulation Model. Program	Waste Waters,	
Documentation and Extension,	W74-04707 7-09 5D	TURNER, W. R.
W74-12197 7-23 4A	W/4-04/0/	Distribution and Relative Abundance of Fishes
W/4-1217/	Waste and Water Treatment System,	in Newport River, North Carolina,
TULBURE, I. A.		W74-12064 7-23 8I
	W74-05905 7-11 5D	
The Dependence of Water Regimen of Palmette		Standing Crops of Aquatic Organisms in Tidal
Type Apple Trees on the Watering Method, (In	TURNER, A. C.	Streams of the Lower Cooper River System,
Russian),	Impact of a Proposed Reservoir on Local Land	
W74-00981 7-02 3F	Values, Anthroplogical Analysis of Social and	South Carolina,
	Cultural Benefits and Costs from Stream Con-	W74-09380 7-18 2L
TULIN, M.	trol Measures - Phase 3,	munkey w a
Hydrocasting Reverse Osmosis Membranes,	W74-00558 7-02 6B	TURNEY, W. G.
Development of Porous Support Tubes, Study	W 14-00330 7-02 OB	The Mercury Pollution Problem in Michigan,
	TUDNED A V	W74-06773 7-13 5B
of Mechanism of Membrane Formation and		
Development of Non-Cellulosic Desalination		TUROBOYSKI, J.
Membranes,	tion,	On the Effect of Pollution on Surface Waters,
W74-00161 7-01 3A	W74-06340 7-12 3F	W74-00722 7-02 5C

Habitats of Small Mammals at Whiteshell

An Automated Instrument for the Continuous

Measurement of Reactive Hydrocarbons,

Nuclear Research Establishment, W74-13137

TURNER, E. N.

W74-11007

TUROBOYSKI, L.

Saprobionts, W74-12711

TUROVSKIY, D. S.

7-24 5C

Reasons for Criticism of the System of

Distribution of Zr, Ti, Ni, Co, Pb, Cu, and Other Elements in the Surface Layer of Recent

Sediments of Lake Balkhash (Raspredeleniye

7-23 5B

TULLER, S. E.

TULLIER, P. M.

W74-10619

The Role of Dew in the Seasonal Moisture

Maritime Accidental Spill Risk Analysis: Phase

I: Methodology Development and Planning,

7-13 2B

7-20 5B

Balance of a Summer-Dry Climate, W74-07037

Zr, Ti, Ni, Co, Pb, Cu i drugihk elementov v	TYAGI, V. V. S.	UEDA, K.
poverkhnostnom sloye sovremennykh osa dkov	Effects of Some Metabolic Inhibitors on	Response Time of High-Frequency Oscillator-
oz. Balkhash),	Heterocyst Formation in the Blue-Green Alga,	Type Proximity Detectors,
W74-03827 7-08 2H	Anabaena doliolum,	W74-06144 7-12 7B
New Data on Carbonate Formation in Lake	W74-01823 7-04 5C	UEDA, T.
Balkhash (Novyye dannyye o kar-	TYLER, M. A.	Accumulation of SR in Marine Organisms- I.
bonatoobrazovanii v oz. Balkhash),	A Review of Colour Reduction Technology in	Strontium and Calcium Contents, CF and OR
W74-10384 7-20 2J	Pulp and Paper Mill Effluents,	Values in Marine Organisms,
***************************************	W74-07406 7-14 5D	W74-13098 7-24 5C
TUTHILL, S. J.	W/4-0/406 /-14 3D	
Hydrogeologic Considerations in Solid Waste	TYLER, P. A.	Accumulation of Strontium and Calcium in
Storage in Iowa: Part 1. Sanitary Landfill Site	Physical and Chemical Limnology of Lake	Freshwater Fishes of Japan,
Selection: Part 2. A Method of Hazardous and	Leake and Tooms Lake, Tasmania,	W74-02197 7-05 5C
Toxic Waste Disposal,	W74-00283 7-01 5C	
W74-04592 7-09 5E	7-01 50	UEMURA, M.
TUTTLE, J. H.	Reconnaissance Limnology of Sub-Antarctic	Response Time of High-Frequency Oscillator-
Dissimilatory Reduction of Inorganic Sulfur by	Islands: I. Chemistry of Lake Waters from	Type Proximity Detectors, W74-06144 7-12 7B
Facultatively Anaerobic Marine Bacteria,	Macquarie Island and the Isles Kerguelen,	W74-06144 7-12 7B
W74-03597 7-07 5C	W74-13389 7-24 2H	UENO, A.
		Process for Removal of Contaminants from
TUTTLE, S. D.	TYLEY, S. J.	Wastes,
Residence Time of Sand Composing the	Analog Model Study of the Ground-Water	W74-02487 7-05 5D
Beaches and Bars of Outer Cape Cod,	Basin of the Upper Coachella Valley, Califor-	
W74-04968 7-10 2J	nia,	UFFORD, D. E.
TUWINER, S. B.	W74-10363 7-20 4B	Iron Removal Filter System,
Environmental Science Technology Informa-	mulational v o	W74-03002 7-06 5F
tion Resources,	TYMINSKIY, V. G.	
W74-02100 7-04 6G	Some Problems in Age Determination of	UGLITSKIKH, A. V.
W 74-02100 7-04 0G	Groundwater (Nekotoryye voprosy rascheta	Aeration of Effluents in Aeration Tanks
Improvement of Treatment of Food Industry	vozrasta podzemnykh vod),	(Aeratsiya stochnykh vod v aerotenkakh-
Waste,	W74-02611 7-05 2F	vytesnitelyakh),
W74-10544 7-20 5D	TYREE, M. T.	W74-08413 7-16 5D
	An Alternative Explanation for the Apparently	UGOLINI, F. C.
Investigation of Treating Electroplaters Cya-	Active Water Exudation in Excised Roots,	Soil Development and Patterned Ground
nide Waste by Electrodialysis,	W74-11072 7-21 3F	Evolution in Beacon Valley Antarctica,
W74-06522 7-13 5D	W/4-110/2 /-21 3F	W74-04372 7-09 2G
TUZOVSKII, P. V.	TYSON, K. C.	W /4-043/2 /-09 20
Fall Increase of the Population of Aquatic	Losses of Nitrogen and Other Plant Nutrients	UHL, V. W. JR
Mites in the Mouths of Rivers and Streams, (in	to Drainage from Soil Under Grass,	Semi-Portable Sheet Metal Flume for Auto-
Russian).	W74-12723 7-23 5B	mated Irrigation,
W74-11181 7-21 2E	W 14-12123 1-23 3B	W74-04138 7-08 3F
W/4-11161 /-21 ZE	TYSON, P. D.	7 00 32
TWEDT, R. M.	A Note on the Areal Distribution of Suspended	UHLIG, H. H.
Relationships of Indicator and Pathogenic Bac-	Sediment Yield in South Africa,	Corrosion and Corrosion Control,
teria in Stream Waters,	W74-07177 7-14 2J	W74-04161 7-08 8G
W74-01645 7-03 5B		
	TYUTKOV, O. V.	UHNAK, J.
TWERSKY, M.	Water Resources of the Ural Area and Basic	The Use of an Electron Capture Detector for
Factors of Chemical Fertilization in Saline	Problems in Their Complex Use (Vodnyye re-	the Determination of Pesticides in Water,
Water Irrigation: A Review,	sursy Urala i osnovnyye problemy ikh kom-	W74-11077 7-21 5A
W74-00757 7-02 3C	pleksnogo ispol'zovaniya),	THE W D
TWISS, R. H.	W74-01135 7-03 3E	UHTE, W. R. Upgrading Lagoons,
Planning for Areas of Significant Environmen-		W74-03495 7-07 5D
tal and Amenity Value,	TZOU, K. T. S.	W 14-03493 1-01 3D
W74-09420 7-18 6B	Meteorological and Hydrological Investiga-	UKELES, R.
	tions,	The Effect of Temperature on the Growth and
TWITCHELL, G. A.	W74-07658 7-15 5B	Survival of Seven Marine Algal Species,
A Large Undisturbed, Weighing Lysimeter for		W74-08718 7-17 5C
Grassland Studies,	UDOVENKO, G. V.	
W74-06581 7-13 2G	Technological Modification of the Seedling	UKLONSKIY, A. S.
	Method and Analysis of its Usefulness for	Total Isotopic Composition and Hydrochemical
TYAGI, A. D.	Evaluation of Salt Tolerance in Plants,	Characteristics of Natural Waters in
Water Reuse in Industry, Part 2 Transport	W74-05920 7-11 3C	Northwestern and Northern Fergana
Water,	TIROPHIPM A T	(Summarnyy izotopnyy sostav i gidrok-
W74-00795 7-02 5D	UDSTUEN, A. J.	himicheskiye osobennosti prirodnykh vod
TYAGI, A. K.	Industrial and High Velocity Metering,	Severo-Zapadnoy i Severnoy Fergany),
Dispersion of Pollutants in Saturated Porous	W74-02858 7-06 5F	W74-02608 7-05 2K
Media,	UEBEL, J. J.	ULENLOVA B
W74-03093 7-06 5B	Sulfur and the Toxicity of the Red Alga	ULEHLOVA, B.
	Ceramium rubrum to Bacillus subtilis,	Alluvial Grassland Ecosystems: Habitat
Transient Movement of Water and Solutes in		Characteristics,
Unsaturated Soil Systems,	W74-02959 7-06 5C	W74-12161 7-23 2I
W74-01104 7-03 2G	UECKERT, D. N.	ULIN, J. C.
Water Quality Management in Groundwater	Effects of Leaf-Footed Bugs on Mesquite	U.S. Deepwater Port Study, Vol. 2. Commodity
Basins,	Reproduction,	Studies and Projections,
W74-02356 7-05 5B	W74-01638 7-03 4A	W74-06863 7-13 6D
. 00 00		

JLIN, J. C.		
U.S. Deepwater Port Study, Vol 3. Physical Coast and Port Characteristics, and Selected Deepwater Port Alternatives, W74-06864 7-13 6D	UNGER, I. The Photochemistry of Carbamates. 1. The Photodecomposition of Zectran: 4- Dimethylamino-3,5-XYLYL-N-Methyl Carba-	UPPSTROM, L. Extraction of Boric Acid with Aliphatic 1,3- Diols and Other Chelating Agents, W74-02368 7-05 5A
Effect of Contour Furrows and Contour Bunds on Water Conservation in Grasslands of Western Rajasthan, W74-07090 7-14 3F	mate, W74-07552 7-14 5B UNGER, P. W. Cultural Practices for Irrigated Winter Wheat Production,	URANO, K. The Behaviors of Heavy Metals in the Regeneration Process of Sewage Treatment Activated Carbon, (Gesui shori kasseitan no kanetsu saiseiji ni okeru jukinzoku no kyodo), W74-09482 7-18 5D
ULLREY, D. E.	W74-10327 7-19 3F	
Influence of Salinity on Protein Requirements of Rainbow Trout (Salmo Gairdneri) Fingerlings, W74-06086 7-12 5C	UNGER, S. G. State-of-Art Review: Water Pollution Control Benefits and Costs, Vol I, W74-04464 7-09 5G	URBAN, J. Problems of Flow Measurement in Large Reservoirs, W74-11532 7-22 7B
ULMGREN, L. A Programme for Studies of the Recovery of Polluted Lakes. The Effect of Chemical	UNLUATA, U. Long Wave Excitation in HarboursAn Analytical Study,	URBANOWICZ, H. Occupational Exposure to Inorganic Compounds of Lead, W74-12483 7-23 5A
Sewage Treatment and Diversion of Sewage, W74-04105 7-08 5C Swedish Experiences in Sewage Treatment,	W74-11031 7-21 8B UNOKI, S. A Possibility of Generation of Surf Beats,	URE, J. E. The Swirl Concentrator as a Grit Separator Device.
W74-10163 7-19 5D	W74-03681 7-07 8B	W74-10201 7-19 5D
ULRICH, B. Desorption and Dissolution of Salts from Soils as a Function of Soil Water Ratio, W74-01604 7-03 2G	UNTERSTEINER, N. On the Calculation of the Roughness Parameter of Sea Ice, W74-05164 7-10 2C	URESK, D. W. Terrestrial Ecology, W74-09239 7-17 5C
	UNTURA, A. A.	URIE, D. H. Lake Michigan Snow Squalls Increase Annual
ULRIKSON, G. U. Radiation Effects on Serum Proteins, Hematocrits, Electrophoretic Patterns and Protein	Primary Production of Phytoplankton and Destruction of Organic Matter in the Prut	Precipitation in the Udell Hills, W74-05124 7-10 2B
Components in the Bluegill (Lepomis macrochirus), W74-07816 7-15 5C	River, (In Russian), W74-04284 7-08 5C	Phosphorus and Nitrate Levels in Groundwater as Related to Irrigation of Jack Pine With Sewage Effluent,
Toxic Materials Information Center, W74-12035 7-23 10D	UNZ, M. Corrosion Control on Borehole Water Pumps, W74-10844 7-20 8G	W74-12878 7-24 5D URIEN, C. M.
Toxic Materials Information Center Environ- mental Information Systems Office, W74-12920 7-24 5A	UNZ, R. F. The Microbiology of Acid Mine Water Treatment in Packed Bed Columns, W74-05409 7-11 5D	Rio De La Plata Estuary Environments, W74-07236 7-14 2L URL, M. Seasonal Variations in the Tritium Activity of
UMAROVA, G. KH. Chemical Characteristics of Surface Waters in	UPADHYAY, R. N. Detection and Estimation of Dead-End Pore	Run-Off from an Alpine Glacier (Kesselwandferner, Oetztal Alps, Austria), W74-09341 7-18 20
the Upper Chirchik River Basin (Khimicheskaya kharakteristika poverkhnost- nykh vod verkhney chasti basseyna r.	Volume in Reservoir Rock by Conventional Laboratory Tests,	USAKOV, V. A.
Chirchik), W74-02612 7-05 2K	W74-00944 7-02 8G UPATHAM, E. S.	Age Structure of Populations of Some Amphibia on Banks of Water Reservoirs (Ir Czech),

UMEMOTO, S. Application of the Fission-Track Technique to the Determination of Uranium in Natural Waters. W74-12720 7-23 5A

UMNOV, A. A.

Mathematical Model of the Biotic Circulation Within the Lake Ecosystem, (In Russian), W74-10126 7-19 5C

UNBEHAUEN, W.

The Intense Evaluation of Discharge Measurements by the Equations of the Universal Velocity Distribution Law. W74-11567 7-22 2E

UNDERDAL, B.

Cadmium Concentrations in Some Fish Species from A Coastal Area in Southern Norway, 7-01 5A

UNDERHILL, H. W.

The Role of FAO in the Transfer of Water Resources Knowledge to Developing Regions, W74-00223

Biomphalaria glabrata by Miracidia of St. Lucian Schistosoma Mansoni Under Laboratory and Field Conditions, W74-02097 7-04 5C

Effects of Some Physico-Chemical Factors on the Infection of Biomphalaria glabrata (Say) by Miracidia of Schistosoma Mansoni Sambon in St. Lucia, West Indies,

W74-02098 Exposure of Caged Biomphalaria glabrata (Say)

to Investigate Dispersion of Miracidia of Schistosoma mansoni Sambon in Outdoor Habitats in St. Lucia, W74-02099 7-04 5C

UPCHURCH, J. B.

Coagulation in Estuaries, W74-04257 7-08 5B

Phosphates in Sediments of Pamlico Estuary, W74-05296 7-10 5A

Phosphates in Sediments of Pamlico Estuary, W74-10804 7-20 SC

USHAKOV, V. A.

The Age Group Distribution of Pelobates fuscus (Laur.) at the Kuibyshev Reservoir Shores (In Russian), W74-02641 7-05 2H

USHAKOVA, L. A.

Geophysical Measurements of the Thickness of the Malyy Azau Glacier (Geofizicheskiye opredeleniya moshchnosti lednika Malyy Azau), W74-01390 7-03 2C

USHER, M. B.

Biological Management and Conservation: Ecological Theory, Application and Planning, W74-05622

USHIJIMA, T. M.

Floods in Punaluu-Hauula Area, Oahu, Hawaii, W74-08310

Some Geothermal Measurements at the Otake Geothermal Area, W74-09027 7-17 2F

USINOWICS, P. J. Adsorption from Aqueous Solution,	VAIDYARAMAN, P. P. Salinity Distribution and Effect of Fresh Water	VALIMAA, P. Some Investigations Concerning UPVC Water
W74-07739 7-15 5D	Flows in the Hooghly River,	and Sewer Pipes and Fittings,
HOLLI C	W74-03702 7-07 2L	W74-13313 7-24 8A
USLU, S. Erosion Control and Vegetative Cover Under	VAIVENOBAS I V	VALKENBURG, J. J.
Dryland Conditions in Turkey,	VAIKSNORAS, J. V. Precipitation Probabilities for East Tennessee,	Incidence of Resistance to Tetracycline,
W74-05220 7-10 3F		Chloramphenicol and Ampicillin Among Sal-
117703220	W74-10399 7-20 2B	monella Species Isolated in the Netherlands in
USTACH, J. F.	Precipitation Probabilities for Middle Tennes-	1969, 1970 and 1971,
The Role of Organic Debris and Associated	see,	W74-07562 7-14 5C
Micro-Organisms in Pelagic Estuarine Food	W74-10400 7-20 2B	
Chains,	720 20	VALLIER, T. L.
W74-08837 7-17 5C	Precipitation Probabilities for West Tennessee,	Provenances and Dispersal Patterns of Tur- bidite Sand in Escanaba Trough, Northeastern
UTEKHIN, V. D.	W74-10401 7-20 2B	Pacific Ocean.
Efficiency of Functioning of the Main		W74-01720 7-04 2J
Ecosystems of the European Forest-Steppe, (In	VAILLANCOUNT, G.	W 74-01720 7-04 23
Russian).	List of the Gastropods of the St. Lawrence	VAMADEVAN, V. K.
W74-09500 7-18 2I	River in the Region of Gentilly, (In French),	The Influence of Agrotechnical Factors on the
	W74-00973 7-02 21	Evapotranspiration of Rice, (In Hungarian),
UTTON, A. E.	VAINCHTEIN A I	W74-13255 7-24 2D
International Water Quality Law,	VAINSHTEIN, A. I. Comparative Characteristics of Ecological Con-	The Relationship Between Rice Evapotrans-
W74-01869 7-04 5G	ditions in Annual Clearing and Under a Canopy	piration and Dry Matter Production, (In Hun-
UTTORMARK, P. D.	in Dry Cotinus Oak Woods, (In Russian),	garian),
Applications of Growth and Sorption Algal As-	W74-00487 7-01 2I	W74-13257 7-24 2D
says,	7-01 21	11713231
W74-08154 7-16 5C	VAISH, A. K.	VAN AART, R.
7.10 30	Earthquake Analysis of Structure-Foundation	Drainage and Land Reclamation in the Lower
V'YUSHKOVA, V. P.	Systems,	Mesopotanian Plain,
Estimation of Fish Production in the Volgograd	W74-05846 7-11 8E	W74-13148 7-24 4A
Water Reservoir, (In Russian),		Feasibility Study for the Establishment of Dal-
W74-00480 7-01 2H	VAISMAN, L. M.	maj Pilot Project,
VAANIA V	Replacement of the Anthracite Sublayer in	W74-13346 7-24 3F
VAADIA, Y. Arid Zone Irrigation,	Anion-Exchange Filters of Water Purification	
W74-09815 7-19 3F	Equipment (Zamena antratsitovogo podsloya v	VAN ALSTYNE, F. E.
117 31	anionitovykh fil'trakh vodoochistnykh	Land Disposal of WastewaterLiterature
VACCARO, R. F.	ustanovok),	Review for 1973,
Adsorptive Extraction for Analysis of Copper	W74-08407 7-16 5D	W74-07327 7-14 5D
in Seawater,	VAISMAN, YA. I.	Phosphate Removal by Sands and Soils,
W74-00827 7-02 2K	Automatic Devices for Sampling Sewage and	W74-12235 7-23 5E
WACHARD C	Surface Water, (In Russian),	W 74-12255
VACHAUD, G.	W74-13359 7-24 5A	Wastewater Treatment: Land Disposal of
Air and Water Flow During Ponded Infiltration in a Vertical Bounded Column of Soil,	11-13-35 1-24 3A	Wastewater,
W74-11467 7-22 2G	The Efficacy of Using Activated Carbon for	W74-12940 7-24 5D
W/4-1140/	Final Purification of Drinking Water, (in Rus-	VAN AMSON, F. W.
Effects of Air Pressure During Water Flow in	sian),	Soil Properties in Relation to the Growth and
an Unsaturated, Stratified Vertical Column of	W74-10599 7-20 5F	Yield of Oil Palm (Elaeis guineensis Jacq.) in
Soil,		Surinam,
W74-12833 7-24 2G	Hygienic Standardization of the Components of	W74-01736 7-04 2G
VADAC B I	Rubber Production Sewage in Reservoir Water,	
VADAS, R. L. An Investigation of the Effects of DDT and	(In Russian), W74-13373 7-24 5C	VAN ANDEL, T. H.
Other Chlorinated Hydrocarbons on the	W /4-133/3 /-24 3C	Texture and Dispersal of Sediments in the
Growth of Euryhaline Microalgae,	VAKIN, E. A.	Panama Basin,
W74-05407 7-11 5C	Recent Hydrothermal Systems of Kamchatka,	W74-01879 7-04 2J
	W74-08989 7-17 2F	VAN ARSDALL, R. N.
Salinity Adaptation by Dunaliella Tertiolecta. I.		Economic Implications of Water Pollution
Increases in Carbonic Anhydrase Activity and	VALENTINE, H.	Abatement in Family Farm Livestock Produc-
Evidence for a Light-Dependent Na (Plus)/H	The Quantitative Determination of Chromium	tion,
(Plus) Exchange,	in Urine by Flameless Atomic Absorption	W74-10738 7-20 6E
W74-01427 7-03 5C	Spectroscopy,	VAN ART, R.
VADKOVSKAYA, M. P.	W74-05291 7-10 5A	The Improvement of Poor Structured Basin
Temperature Regime of Deep Water Bodies	VALENTINE, R. S.	Depression Soils at Fudhaliya Experimental
During Spring and Summer Heating	Rapid Determination of the Presence of Enteric	Field,
(Temperaturnyy rezhim glubokikh vodoyemov	Bacteria in Water.	W74-08763 7-17 3C
v period vesenne-letnego nagreva),	W74-10449 7-20 5A	
W74-10226 7-19 2H	7-20 3A	VAN BAALEN, C.
VAGALE, L.	VALIBOUSE, B.	Characteristics of Nitrate Reduction in a Mu-
The Rajasthan Canal Area: A Settlement Struc-	Apparatus for Removing Surface Pollutants	tant of the Blue-Green Alga Agmenellum quadruplicatum,
ture,	from Water and Other Liquids,	Quadrupucatum, W74-01812 7-04 5C
W74-04499 7-09 6D	W74-07223 7-14 5G	7-04 30
WATER AND DESCRIPTION OF THE PARTY OF THE PA	VALUELA I	Mutagenesis and Genetic Recombination,
VAIDYANADHAM, D.	VALIELA, I. Nutrient Retention in Salt Marsh Plots Experi-	W74-12572 7-23 5C
Uptake of Flouride by Water Hyacinth, Eichhornia crissipes,	mentally Fertilized with Sewage Sludge,	Response of Blue-Green Algae to Technetium,
W74.02970 7.06 SC		W74-02050 7-04 5C

VAN BAVEL, C. H. M.

VAN BAVEL, C. H. M.	VAN DER LEEDEN, F.	VAN EMDEN, H. M.
Dynamic Simulation of Automated Subsurface	Groundwater Pollution Features of Federal and	The Toxicity of Some Detergents Tested on
Irrigation Systems,	State Satutes and Regulations,	Aedes Aegypti L., Lebistes Reticulatus Peters,
W74-08931 7-17 3F	W74-07614 7-15 5G	and Biomphalaria Glabrata (Say), W74-13481 7-24 5C
Sensitivity of Southern Peas to Plant Water	Water Atlas of the United States,	
Deficit at Three Growth Stages,	W74-08668 7-16 7C	VAN ES, D. W.
W74-10340 7-19 3F		Further Field Investigation on Aerated
VAN BILJON, P. L.	Water Atlas of the United States,	Lagoons in the City of Winnipeg,
The Influence of Drought on the Composition	W74-10107 7-19 7C	W74-10167 7-19 5D
of Maize Silage,	VAN DER LINDEN, A. C.	VAN EVERDINGEN, R. O.
W74-02089 7-04 3F	Bacterial Degradation of Cyclohexane Par-	Groundwater Investigations in Permafrost Re-
	ticipation of a Co-Oxidation Reaction,	gions of North America: A Review,
VAN BLADEL, R. Adsorption of Fenuron and Monuron	W74-08244 7-16 5B	W74-04391 7-09 2F
(Substituted Ureas) by Two Montmorillonite		
Clays,	VAN DER LINDEN, W. E.	Observed Changes in Groundwater Regime Caused by the Creation of Lake Diefenbaker,
W74-07627 7-15 5B	Amperometric Titration of Mercury(II) with	Saskatchewan,
	EDTA, DTPA and Trien in the PPM-Range,	W74-06291 7-12 2F
VAN BREEMEN, N.	W74-02405 7-05 5A	
Buffer Intensities and Equilibrium pH of Minerals and Soils: II. Theoretical and Actual	VAN DER MERWE, H. J.	Subsurface Disposal of Waste in Canada, In-
pH of Minerals and Soils. 11. Theoretical and Actual	The Influence of Drought on the Composition	jection of Liquid Wastes in Deep Wells, A
W74-06905 7-13 2G	of Maize Silage,	Preliminary Appraisal,
	W74-02089 7-04 3F	W74-09536 7-18 5B
Buffer Intensities and Equilibrium pH of		VAN FLEET, G. L.
Minerals and Soils: 1. The Contribution of	VAN DER PLOEG, R. R.	Phosphorus Removal in Ontario,
Minerals and Aqueous Carbonate to pH Buffer-	Ground-Water Flow Patterns in Confined	W74-08847 7-17 5D
ing, W74-06904 7-13 2G	Aquifers and Pollution, W74-07510 7-14 5B	
W 74-00904 7-13 2G	W/4-0/310 /-14 3B	Treatment and Disposal of Chemical Phosphate
Dissolved Aluminum in Acid Sulfate Soils and	VAN DER VLIES, A. W.	Sludge in Ontario,
Acid Mine Waters,	Investigations on the Sheathed Bacterium	W74-09447 7-18 5D
W74-00607 7-02 5B	Haliscomenobacter hydrossis Gen.n., Sp.n.,	VAN GOETHEM, E.
VAN BUSKIRK, F.	Isolated from Activated Sludge,	A Simple, Practical and Effective Method for
Gentamicin Blood Agar Used as a General-Pur-	W74-01539 7-03 5B	the Isolation of Salmonella From Surface
pose Selective Medium,	VAN DED WEEDT D	Water,
W74-00657 7-02 5A	VAN DER WEERT, R. Evapotranspiration of Water Hyacinth	W74-01768 7-04 5A
	(Eichhornia Crassipes),	
VAN DE KREEKE, J.	W74-12998 7-24 2D	VAN HOOK, R. I.
Water-Level Fluctuations and Flow in Tidal In-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Environmental Monitoring of Toxic Materials in Ecosystems,
lets, W74-00507 7-01 2L	VAN DER WEIJ, H. G.	W74-12907 7-24 5B
W74-00307 7-01 ZE	Time-Tables as a Method to Record Changes in	17-12-07
VAN DE VELDE, J.	Plankton Composition,	Trace Element Measurements at the Coal-Fired
On the Effects of Dumped Organic Industrial	W74-01010 7-02 7B	Allen Steam Plant - Progress Report, June 1971
Waste Deriving from the Production of	VAN DER, ZWAARD J. J.	to January 1973,
Proteolytic Enzymes on Density, Distribution	Roughness Coefficients of Vegetated Flood	W74-09833 7-19 5A
and Quality of Fish and Shrimps, W74-13102 7-24 5C	Plains.	VAN LIER, M. W.
W74-13102 7-24 3C	W74-11136 7-21 2E	Water Chemistry of Ellicott Creek, Western
VAN DE VOORDE, H.		New York,
Effects of Road Salt in Winter,	VAN DIJCK, P. J.	W74-00166 7-01 5A
W74-10460 7-20 4C	Effects of Road Salt in Winter,	
VAN DENBURGH, A. S.	W74-10460 7-20 4C	VAN LIERE, W. J.
A Brief Water-Resources Appraisal of the	VAN DOREN, D. M. JR.	Applications of Multispectral Imagery to Water Resources Development Planning in the Lower
Truckee River Basin, Western Nevada,	Effect of Long-Term Management on Physical	Mekong Basin (Khemer Republic, Laos, Thai-
W74-04047 7-08 4A	and Chemical Properties of the Coshocton	land and Viet-Nam),
TANK MEN BESTELL	Watershed Soils,	W74-02590 7-05 7B
VAN DER BEKEN, A.	W74-08813 7-17 4D	
Solutions for Lateral Outflow in Perforated		VAN LOON, J. C.
Conduits, W74-07433 7-14 8B	Mulch and Tillage Relationships in Corn Cul-	The Determination of Heavy Metals in
	ture, W74-11275 7-21 3F	Domestic Sewage Treatment Plant Wastes,
VAN DER BORGHT, O.	7-21 3F	W74-07763 7-15 5A
Anionic Electrophoretic Pattern of Five	VAN DORN, W. G.	Heavy Metals in Agricultural Lands Receiving
Ruthenium Salts in Fresh and Sea Water: Ef- fects of Aging and Dilution,	Runup Recipe for Periodic Waves on	Chemical Sewage Sludges,
W74-05479 7-11 5A	Uniformly Sloping Beaches,	W74-08397 7-16 5E
	W74-03686 7-07 8B	V
VAN DER HORST, J. R.	Theoretical and Experimental Study of Wave	Mercury Contamination of Vegetation Due to
Marine Sciences,	Enhancement and Runup on Uniformly Sloping	the Application of Sewage Sludge as a Fertil-
W74-09237 7-17 5C	Impermeable Beaches,	izer, W74-11133 7-21 5A
VAN DER KOOIJ, D.	W74-00022 7-01 2H	7-21 JA
Investigations on the Sheathed Bacterium		VAN METTER, R.
Haliscomenobacter hydrossis Gen.n., Sp.n.,	VAN DUUREN, F. A.	Orientation of Chlorophyll in Vivo. Studies
Isolated from Activated Sludge,	Water Quality Control,	with Magnetic Field Oriented Chlorella,
W74-01539 7-03 5B	W74-06603 7-13 5G	W74-00245 7-01 5C

VAN NATTA, W. S.	VAN WYK, L.	Containing Mineral Acid and a Selective Ex-
Computerized Reports Improve Sewer Main-	Method for Routine Culturing of Strict Anaero- bic Bacteria,	tractant, W74-11374 7-21 5A
tenance, W74-13339 7-24 5G	W74-04894 7-10 5A	
	VAN ZON C	VANLIER, K. E. Environmental Geology and Hydrology, Madis-
VAN NOSTRAND, F. Orientation of Chlorophyll in Vivo. Studies	VAN ZON, C. System for Reversed Osmosis,	on County, Alabama: Water Resources,
with Magnetic Field Oriented Chlorella,	W74-08037 7-15 5D	W74-04911 7-10 4B
W74-00245 7-01 5C		Water Supply Development and Management
VAN OYE, E.	VANDEGRIFT, A. E. Oxygenation of Aqueous Bodies Using Liquid	Water-Supply Development and Management Alternatives for Clinton, Eaton, and Ingham
A Simple, Practical and Effective Method for	Oxygen-Loxination,	Counties, Michigan,
the Isolation of Salmonella From Surface	W74-07741 7-15 5D	W74-11223 7-21 4B
Water,	VANDERHEIDE, T.	VANONI, V. A.
W74-01768 7-04 5A	Water Yield Characteristics of Three Small	Factors Determining Bed Forms of Alluvial
VAN PUYMBROECK, S.	Watersheds in the Northeastern Black Hills,	Streams,
Anionic Electrophoretic Pattern of Five	W74-00677 7-02 3B	W74-05735 7-11 2J
Ruthenium Salts in Fresh and Sea Water: Ef- fects of Aging and Dilution,	VANDERHOLM, D. H.	VANWORMER, D.
W74-05479 7-11 5A	Water Quality Implications of Livestock	Seismic Evidence for Glacier Motion,
WAN DEPORTE OF O	Production,	W74-01378 7-03 2C
VAN RIESEN, S. G. Filter Processes in River Beds,	W74-11609 7-22 6B	VANWORMER, J. D.
W74-12840 7-24 2A	VANDERPLOEG, H. A.	Some Aspects of Active Tectonism in Alaska
	Significance of Ecological Analyses in the In-	as Seen on ERTS-1 Imagery, W74-01712 7-04 7C
VAN ROESSEL, J. W. Precision Annotation of Predetermined Primary	terpretation of Environmental Releases of Radionuclides.	W/4-01/12
Sampling Units on ERTS-1 MSS Images,	W74-08878 7-17 5C	VANZANDT, J. K.
W74-06705 7-13 4A		Annual Compilation and Analysis of Hydrolog- ic Data for Little Pond Creek and North Elm
VAN SCHAIK,	VANDERPOL, A. H.	Creek, Brazos River Basin, Texas, 1971.
A Long-Time Water-Table Study of an Irriga-	H2SO4/(NH4)2SO4 Aerosol: Optical Detection in St. Louis Region.	W74-01950 7-04 4D
tion Project in Southern Alberta,	W74-10965 7-21 5A	Hydrologic Data for Cow Bayou Brazos River
W74-11271 7-21 3F	WANDERSON TO T	Basin Texas, 1972,
VAN SCHILFGAARDE, J.	VANDERTULIP, J. J. Pollution Control: The Relation of Water Quali-	W74-11999 7-22 7C
Soil and Water Conservation Research: Chal-	ty Protection to Exploration for and Production	VAPNYAR, D. U.
lenge for the 70's,	of Oil and Gas in the Southwest,	Effect of Equatorial Rossby Waves on Sta-
W74-10750 7-20 3F	W74-13342 7-24 5G	tionary Currents (O vliyanii ekvatorial'nykh
VAN SEVENTER, H. A.	VANDERZANT, C.	voln Rossbi na statsionarnyye techeniya),
The Toxicity of Some Detergents Tested on	Chemical Characteristics, Bacterial Counts,	W74-10261 7-19 2E
Aedes Aegypti L., Lebistes Reticulatus Peters,	and Potential Shelf-Life of Shrimp from Vari-	VARADACHARI, V. V. R.
and Biomphalaria Glabrata (Say), W74-13481 7-24 5C	ous Locations on the Northwestern Gulf of Mexico,	Some Studies on Wave Refraction in Relation
	W74-02955 7-06 5A	to Beach Erosion Along the Kerala Coast, W74-00506 7-01 2J
VAN'T HOF, G.	Missakial Flore and Lavel of Vibria	
Boom Arrangement for Confining Oil, W74-10591 7-20 5G	Microbial Flora and Level of Vibrio Parahaemolyticus of Oysters (Crassostrea Vir-	VARADARAJULU, R.
	ginica), Water and Sediment from Galveston	Studies on the Currents in the Littoral Zone of the Waltair Beach,
VAN TASSEL, A. J.	Bay,	W74-00519 7-01 2J
Summary of Findings Concerning Water, W74-09964 7-19 5C	W74-01548 7-03 5C	
W 74-03304 7-13 3C	VANEEPOEL, R.	VARDI, Y. Use of Systems Approaches in Planning
VAN TRIES, B. J.	Environment, Water and Sediments of	Israel's Water Resources Management,
An Evaluation of Space Acquired Data as a Tool for Management of Wildlife Habitat in	Christiansted Harbor, St. Croix, W74-06292 7-12 5C	W74-02352 7-05 6A
Alaska,	W /4-06292 /-12 3C	VARDUMYAN, G. G.
W74-02596 7-05 7B	VANG, D. B.	Present and Future of Lake Sevan
VAN VALKENBURG, S. D.	Method for Making a Hollow Fiber Separatory	(Sovremennoye sostoyaniye i budushcheye
Nannoplankton of the Chesapeake Bay,	Element, W74-05694 7-11 3A	ozera Sevan), W74-08048 7-15 2H
W74-00895 7-02 2L		W74-08048 7-15 2H
VAN VEEN, W. L.	VANGANI, N. S. Effect of Contour Furrows and Contour Bunds	VARGA, L. P.
Bacteriology of Activated Sludge, in Particular	on Water Conservation in Grasslands of	Biogeochemistry of a Reservoir Ecosystem, W74-11164 7-21 SC
the Filamentous Bacteria,	Western Rajasthan,	W/4-11104 /-21 3C
W74-01540 7-03 5B	W74-07090 7-14 3F	A Compartmented Aquatic Model of the Rela-
Investigations on the Sheathed Bacterium	VANINA, N. I.	tionship Between Carbonate and Nitrate in a Great Plains Reservoir,
Haliscomenobacter hydrossis Gen.n., Sp.n.,	Replacement of the Anthracite Sublayer in	W74-12659 7-23 5C
Isolated from Activated Sludge,	Anion-Exchange Filters of Water Purification	
W74-01539 7-03 5B	Equipment (Zamena antratsitovogo podsloya v anionitovykh fil'trakh vodoochistnykh	Half-Saturation Constants for Uptake of Nitrate and Ammonia By Reservoir Plankton,
VAN VUUREN, L. R. J.	ustanovok),	W74-03299 7-07 5C
The Full-Scale Refinement of Purified Sewage	W74-08407 7-16 5D	
for Unrestricted Industrial use in the Manufac- ture of Fully Bleached Kraft-Pulp and Fine	VANLENTEN, F. J.	Theory and Application of Continuous Moni- toring for Chemical Research in Natural Water
Paper,	Ion-Exchange Paper Chromatography of Metal	Systems,
W74-02906 7-06 5D	Ions with Mixed Aqueous-Organic Solvents	W74-07985 7-15 5A

VARMA, B. K.

VARMA, B. K.	VA	RM/	A, B	. K.
--------------	----	-----	------	------

Note on Bioassay Trials on the Effect of Rainfall on Acaricide Residues,

W74-01777 7-04 5B

VARNAKOVA, G. M.

Catalog of USSR Glaciers. Volume 14. Soviet Central Asia. No. 3. Amu-Dar'ya. Part 6. Surkhob River Basin Between Mouths of the Obikhingou and Muksu Rivers (Katalog lednikov SSSR. Tom 14. Srednyaya Aziya. Vypusk 3. Amu-Dar'ya. Chast' 6. Basseyn r. Surkhob mezhdu ust'yami rek Obikhingou i Muksu),

W74-11215 7-21 20

VARNEY, K. E.

Fate of Nitrate from Manure and Inorganic Nitrogen in A Clay Soil Cropped to Continuous Corn, W74-08321 7-16 5B

VARRIN, R. D.

Regional Energy-Water Problems Northeast, W74-07971 7-15 6D

VARSHNEY, K. G.

Quantitative Separation of Magnesium and Palladium from Numerous Metal Ions on Titanium Tungstate Papers by Electrochromatography, W74-09782 7-18 5A

VARSHNEY, R. S.

Discharge Relations for Submerged Weirs, W74-09481 7-18 8A

VARTANIAN, G. S.

Types of Commercial Deposits of Thermal Underground Waters and Some Views on the Assessment of Their Reserves,
W74-08994
7-17
2F

VARTANYAN, G. S.

One Form of Deep Drainage of Underground Waters (Ob odnoy forme glubokogo stoka podzemnykh vod), W74-13451 7-24 4B

VASHCHINNIKOV, A. E.

Effect of Illumination and Water Temperature on Critical Flow Rates for Fish, (In Russian), W74-06250 7-12 21

VASIL' CHENKO, O. N.

Feeding and Growth of Young Bream at Spawning and Rearing Farms of the Volga Delta Under Stream-Flow Control Conditions, (In Russian), W74-09313

VASIL'CHIKOVA, S. I.

The Possibility of Soda Formation in Soil by Biochemical Means, (In Russian), W74-05271 7-10 2G

VASIL'YEV, G. V.

Problems of Technical Realization of Radar Measurements of Hail, W74-10689 7-20 3B

Radar in Weather Modification and Hail Con-

trol, W74-10687 7-20 3B

VASILESCU, P.

Contributions to the Knowledge of Tissa Plain Pseudogley Soils, (In Rumanian), W74-12282 7-23 2G VASILEVA, S. G.

An Increase in Effectiveness of Mineral Fertilizers and Liquidation of Their Losses During Irrigation, (In Russian), W74-12148 7-23 21

VASSILEV, A.

Comparative Testing of Short-Term Wheat Monoculture, (In Bulgarian), W74-04831 7-09 3F

VASSILIADES, G.

Nematode Fishe Parasites from Sangalkam, Senegal, W74-07589 7-14 2H

VAUCLIN, M.

Effects of Air Pressure During Water Flow in an Unsaturated, Stratified Vertical Column of Soil, W74-12833 7-24 2G

VAUDREY, K. D.

Ice Engineering--Summary of Elastic Properties Research and Introduction to Viscoelastic and Nonlinear Analysis of Saline Ice, W74-04793 7-09 2C

Snow Road Construction Technique by Layered Compaction of Snowblower Processed Snow,
W74-10403

VAUGHAN, B. E.

Pacific Northwest Laboratory Annual Report for 1973 to the USAEC Division of Biomedical and Environmental Research - Part 2, Ecological Sciences,
W74-09233 7-17 5C

VAUGHAN, C. G.

The Use of Pressure-Assisted Liquid Chromatography in the Separation of Polynuclear Hydrocarbons, W74-00256

VAUGHAN, W. S. JR.

State-County Interagency Procedures for Imposing Environmental Quality Controls on Water-Oriented Development Activities, W74-12751 7-24 5G

VAUGHN, W. W.

An Instrumental Technique for the Determination of Sub-Microgram Concentrations of Mercury in Soils, Rocks, and Gas, W74-07948 7-15 2K

VAUGHT, W. L.

Erosion Control, W74-05741

VAUT, G. A.

Non-Efficiency Objectives and Decision-Making in Water Resource Developments, W74-09084 7-17 6A

VAZIRI. C. M.

Furrow Irrigation Criteria for Hawaiian Sugarcane, W74-08932 7-17 3F

Subsurface Irrigation in Hawaiian Sugarcane, W74-10326 7-19 3F

VEAL, D. L.

Effect of Snow Fence Height on Wind Speed, W74-00691 7-02 3B VEATCH, F. M.

Surface- and Ground-Water Conditions During 1959-61 in a Part of Flett Creek Basin, Tacoma, Washington, W74-04796 7-09 2E

VECCHIOLI, J.

Injecting Highly Treated Sewage Into a Deep-Sand Aquifer, W74-13310 7-24 5B

Short-Term Effect of Injection of Tertiary-Treated Sewage on Iron Concentration of Water in Magothy Aquifer, Bay Park, New York, W74-03232 7-07 5C

Water Resources of the New Jersey Part of the Ramapo River Basin, W74-03806

VEENSTRA, H. J.

Size and Shape Sorting in a Dutch Tidal Inlet, W74-07329 7-14 2L

VEGA, C. L

The Direct Enumeration of Escherichia coli in Water Using Macconkey's Agar at 44 C in Plastic Pouches, W74-04768 7-09 5A

VEGA. J.

Drought Hardening in Onions: I. Influence of Presowing Treatments on Vegetative Behavior and Yield, (In Spanish), W74-08148 7-15 3F

Drought Hardening in Onions: II. Analysis of Growth, (In Spanish), W74-08149 7-15 3F

VEGAS, P. L.

A Detailed Procedure for the Use of Small-Scale Photography in Land Use Classification, W74-08299 7-16 4A

Extracting Land Use Information from the Earth Resources Technology Satellite Data by Conventional Interpretation Methods, W74-11729 7-22 7B

VEITSER, YU. I.

Determination of Polyacrylamide in the Drinking Water by Means of an Adsorption Photometric Method, (In Russian), W74-02932 7-06 5A

VEKHOV, N. V.

Zooplankton of Fresh and Brackish Waters of the Bering Island (Commander Islands). (in Russian), W74-08114 7-15 21

VELA, G. R.

7-11 2I

Soil Microorganism Metabolism in Spray Irrigation, W74-12725 7-23 5D

VELA, S.

How Areal Heterogeneities Affect Pulse-Test Results, W74-05092 7-10 8G

VELDKAMP, H.

Rhodopseudomonas Sulfidophila, Nov. Spec., A New Species of the Purple Nonsulfur Bacteria, W74-01544 7-03 5B Apparatus and Method for Collection of Oil

VERDIN, S. M.

From Surface of the Sea,

VELINSKY, J.

In-Plant Measures for Reduction of the

Specific Freshwater Consumption of Paper

Polarographic Study of Calomel Electrode in

7-02 2K

W74-09781

Anhydrous Formic Acid, W74-00633 Notes on the Ratio Total Length/Scale Radius of Tilapia Mossambica Peters (Pisces:Cichlidae) in the Loskop Dam Reser-

Mills,		W74-00968	7-02 5G	voir Eastern Transvaal,	
W74-05433	7-11 5D			W74-09768	7-18 81
		VERDUIN, J.		VERNBERG, W. B.	
VELNICH, A. J.		Correlation Between CO2 and O	2 Concentra-	Long-Term Annual Fluctuation	s of Mercury in
A Summary of Peak Stages		tions in Lake Erie, USA, W74-07025	7-13 5C	the Zooplankton of the East Cer	
the Flood of August 1973 in		W /4-0/023	7-13 SC	W74-11291	7-21 5B
W74-08374	7-16 2E	VERETENNIKOVA, G. M.			
VELONA E		Irretrievable Runoff Losses of the	e Voles River	VERNE, J.	
VELONA, F.	and in Italy	Through Evaporation From Rese		Effects on Hepatocytes in C	
Radioactive Waste Managem		Volga-Kama Cascade (Bezvozvr		Various Combinations of Heavy	
W74-02014	7-04 5D	stoka r. Volgi za schet isparen		in Titanium Waste Waters, (A	Action Sur Des
VELYCHKOVS'KYI, P. O.		hranilishch Volzhsko-Kamskogo		Hepatocytes en Culture His	
Use of Morshin Mineral W	later in Disease of	W74-10628	7-20 4A	Divers Composes Metalliques	
the Liver and Biliary Trac		W /4-10028	1-20 4A	Les Eaux Residuaires de	l'Industries du
Ukrainian),	is in Children, (in	VERHAGEN, B. T.		Titane),	
W74-08101	7-15 2I	Radiocarbon and Tritium Eviden	ce for Direct	W74-11296	7-21 5C
W 74-00101	7-13 21	Rain Recharge to Ground W	aters in the	VERNON, R. O.	
VEMURI, V.		Northern Kalahari,			W-st. Watson
Multiple-Objective Optimi	zation in Water	W74-10250	7-19 2F	Artificial Recharge of Treated	
Resource Systems,	Lunon in water			and Rainfall Runoff into Deep of Peninsula of Florida,	Saune Aquiters
W74-05936	7-11 6A	VERHOFF, F. H.		W74-03242	7-07 5E
	7-11 011	Multi-Nutrient Dynamic Mode		W /4-03242	7-07 3E
VENABLE, R. L.		Growth and Species Competition	in Eutrophic	VERON, M.	
Effects of Surfactants on	Atomic Absorption	Lakes,		A Critical Study of Methods in	Numerical Tax-
Analysis of Dilute Aqueous		W74-06568	7-13 5C	onomy: The Classification of A	
Solutions,	coffee and colons			(In French),	
W74-05313	7-10 5A	Rates of Carbon, Oxygen, N		W74-13487	7-24 5C
		Phosphorus Cycling Through Mic	robial Popula-		
VENDROV, S. L.		tions in Stratified Lakes,		VERSTRAETE, W.	
Reciprocal Influence of La	rge Reservoirs and	W74-06569	7-13 5C	Possible Microbial Contribution	to Nitrosamine
Adjacent Territories in Diff	erent Natural Con-	VERHOOG E H		Formation in Sewage and Soil,	
ditions of the USSR,		VERHOOG, F. H.	Vaculadas	W74-06136	7-12 5B
W74-13466	7-24 5C	Transfer of Water Resources Aspects of the Work of the U		tienenene t.c	
			nited Nations	VERTREES, J. G.	
VENKATARAMAN, G. S.		System,	7.01 104	Economic Issues in Managem	ent and Utiliza-
Cyanophage AC-1: A Phage	Infecting Unicellu-	W74-00228	7-01 10A	tion of Waste,	
lar and Colonial Blue-Green	Algae,	VERLEY, W. E.		W74-10151	7-19 5D
W74-01825	7-04 SC	A Rotating Flighted Cylinder	to Separate	VESELOVA, T. V.	
		Manure Solids From Water,	to Separate	Prolonged Afterglow of Straw	herry Leaves at
VENRICK, E. L.		W74-10145	7-19 5D	Various Levels of Hydration,	
A Study of Plankton Dyna	amics and Nutrient	W 74-10143	1-19 310	W74-13378	7-24 21
Cycling in the Central C	yre of the North	VERMA, A. P.			
Pacific Ocean,		Imbibition in Flow of Two Immi	scible Liquids	VESELOVSKII, V. A.	
W74-03561	7-07 5B	Through a Cracked Porous Medi		Prolonged Afterglow of Straw	berry Leaves at
Annual Control of the		Viscosity Difference,		Various Levels of Hydration, (
VENTILLA, R. J.		W74-12834	7-24 2F	W74-13378	7-24 21
Growth Rates of Sedim					
Protozoan as a Toxicity I	ndicator for Heavy	VERMA, B.		VESILIND, P. A.	
Metals,		Water Budget Estimation in Bella		Scale-Up Solid Bowl Centrifug	
W74-01529	7-03 5A	W74-13145	7-24 2D	W74-10914	7-21 5D
				VETOSHKINA, N. N.	
VENTURA, R. F.		VERMA, C. M.		Water Resources of the K	Comi Assr and
Weight-Length Relationshi		Study on the Pasture Establishm		Prospects of Their Use (Vodny	
Chanos chanos (Fersskal) G	rown in Freshwater	VI. Effect of Different Spacings		ASSR i perspecktivy ikh ispol':	
Ponds,		on Establishment and Forage		W74-10230	7-19 4A
W74-01080	7-02 81	Cenchrus ciliaris Linn., Lasi		W 74-10230	1-12 42
TIPE ACT AC MAR		Henr. and Panicum antidotale Re	etz under Arid	VETSHTEYN, V. YE.	
VEPRASKAS, M. J.	! M-II!- !!!-	Conditions,		Cuases of Geographical Dist	ribution of Ox
Soil Mottling and Drainage		W74-07107	7-14 3F	ygen-18 and Deuterium in Th	
dalf as Related to Suitabil	ity for Septic Tank			the Sayan-Baykal Mount	ains (Priching
Construction,	T.10 . CD	VERMEER, K.		geograficheskogo raspredeleni	ya kisloroda-18
W74-10212	7-19 5B	Mercury in Aquatic Birds at	Clay Lake,	deyteriya v termal'nykh v	odakh Sayano
VERA, J.		Western Ontario,	202 00	Baykal'skoy gornoy strany),	
A Note on the Hot Springs	of Ecuador	W74-12717	7-23 SC	W74-05560	7-11 21
W74-09021	7-17 2K	VERMEULEN, J.		Instanta Communities of C	on and IT-day
11 / 1-0/02/	1-11 2K	An Investigation into Age and	Length/Mass	Isotopic Composition of Oxyge	and Hydroger
VERBOLOV, V. I.		Relationship of Tilapia Mossa		in Sulfide Waters of the Soch Basin (Izotopnyy sostav kislo	rode i voder d
Water Exchange in Lake	Baykal (O vodoob-	(Pisces: Chichlidae) in the Losko		sul'fidnykh vod Sochi-Adler	
mene v oz. Baykal),		voir, Eastern Transvaal,	op Dam Keser.	skogo basseyna),	skogo artezian
W74-06306	7-12 2H	W74-09754	7-18 81	W74-01394	7-03 21
	7-10 611	474-07134	7-10 01	₩ /4-01324	7-03 21
VERBOOM, G.		Notes on the Condition Factor for	or Tilapia mos-	VEY, E.	

sambica Peters (Pisces:Cichlidae) in Loskop Dam Reservoir, Eastern Transvaal,

7-18 81

W74-05127

Reuse of Solid Waste from Water-Softening

VICENS, G. J.

VICENS, G. J.	VIGANI, F. C.	VINBERG, G. G.
A Bayesian Approach to Hydrologic Time Se-	Problems in Phenolics-Modeling Methods in the	Studies of Biological Energy Balance and
ries Modeling, W74-11456 7-22 6A	Ohio River at Wheeling, W. Va., W74-03849 7-08 5A	Biological Productivity in the USSR Lakes (In Russian),
W74-11456 7-22 6A	W /4-03047 /-08 3A	W74-01009 7-02 2H
A General Purpose Simulation Model for Anal-	VIITASAARI, M.	
ysis of Surface Water Allocation Using Large	Sewage Treatment Methods in Finland,	VINCENT, B.
Time Increments,	W74-10162 7-19 5D	The Use of Sodium Cyanide as a Fish Eradi-
W74-09568 7-18 6A	VIKLUND, H. I.	cant in Some Quebec Lakes, W74-12696 7-23 8I
Simulation Criteria for Selecting Water	High Temperature Electrodialysis, Phase II,	W 74-12090 7-23 61
Resource System Alternatives,	W74-08068 7-15 3A	VINCENT, G.
W74-09567 7-18 6A	7.13 311	Shore Transport. Formation of Sand Spits and
	High Temperature Electrodialysis, Phase III,	Tombolos,
VICENTE, V. A.	W74-08069 7-15 3A	W74-04722 7-09 2J
Rotating Ring-Disk Electrode Study of the Ad-	High Temperature Electrodialysis, Phase IV,	VINCENT, J-P.
sorption of Lead on Gold in 0.5M Potassium Chloride.	W74-08070 7-15 3A	Destruction Trials of the Muskrat, Ondatra
W74-07555 7-14 2K	13 JA	Zibethica L., in Ponds Using Poisoning Rafts,
7.17 2.10	VIKULINA, Z. A.	(In French),
VICHETPAN, N.	Water Balance of Lake Baykal (Vodnyy balans	W74-08128 7-15 5G
Equilibrium Shapes of Coastline in Plan,	oz. Baykal),	VINCENT, L.
W74-03105 7-06 2J	W74-09101 7-17 2H	Evaluation of Land Use Mapping from ERTS
VICINI, L.	Water Balance of World Lakes and Reservoirs	in the Shore Zone of Carets,
Waste Water Problems of the Textile Industry.	(Vodnyy balans ozer i vodokhranilishch zem-	W74-06627 7-13 4A
Part I. Oxygen Demand of Printing Paste	nogo shara),	0
Thickeners. (Problemi inerenti le acque di scar-		Quantification of Shoreline Meandering,
ico nell'industria tessile. Io. La domanda di os-		W74-12643 7-23 2J
sigeno di addensanti da stampa),	VILA, I.	VINCENT, R. E.
W74-08421 7-16 5B	Synopsis on the Biology of the Shrimp of Rio	Potential Productivity of an Alpine Lake as In-
VICKERMAN, J. L.	Del Northe (Chile), (In Spanish), W74-00471 7-01 2I	dicated by Removal and Reintroduction of
World's Largest Deep Aerated Stabilization		Fish,
Basin in New Zealand,	VILENSKIY, V. D.	W74-13496 7-24 5C
W74-06401 7-12 5D		VINCENT, R. K.
	Rates of Snow Accumulation in Antarctica	Ratio Maps of Iron Ore Deposits, Atlantic City
VICKERS, D. H.	(Ispol'zovaniye izotopnykh metodov dlya	District, Wyoming,
Effect of Organic Insecticides upon Carbon-14		W74-01705 7-04 7C
Uptake by Freshwater Phytoplankton,	snega v Antarktide),	UNOV W
W74-05211 7-10 5C	W74-01393 7-03 2C	VINCK, W. The Present and Future Situation of Nuclear
VICTOR, P. A.	VILESOV, YE. N.	Energy Production and its Associated Industry-
Pollution: Economy and Environment,	Determination of Liquid Runoff from the Firn	-Normal Operation, Accident Prevention and
W74-03493 7-07 6B		Mitigation, Comparative Risk Assessment,
VIDAL I I	W74-00115 7-01 2C	W74-11953 7-22 5C
VIDAL, I. L. Moina Sp. (Cladocera: Moinidae) in a Sewage	VILJOEN, M. J.	VINE A C
Plant, Wellington, Referred to Moina tenuicor-		VINE, A. C. Bottom Photographs of Black Sea,
nis Sars, 1896 (Note),	the Geotectonic Domains of the Southern	W74-12386 7-23 2J
W74-07569 7-14 5A		17-25 23
	W74-02563 7-05 7B	VINEGAR, A.
VIEHL, K.		Respiration and Thermal Tolerance of Phyl-
Pulp Mill Waste Waters: Discharge and Purifi-		lopod Crustacea Triops longicaudatus and
cation (Zellstoffabwaesser: Anfall and Reinigung).	ERTS-1 Imagery as an Aid to the Definition of the Geotectonic Domains of the Southern	Thamnocephalus platyurus Inhabiting Desert
W74-09455 7-18 5D		Ephermeral Ponds, W74-03090 7-06 2H
# /-18 3L	W74-02563 7-05 7B	W 74-03090 7-06 2H
VIELLENAVE, J. H.	7-03 75	VINER, A. B.
Assessment of Southern California Environ-		Responses of a Mixed Phytoplankton Popula-
ment From ERTS-1,	Chesapeake Bay Nutrient Input Study,	tion to Nutrient Enrichments of Ammonia and
W74-06685 7-13 4A	W74-12660 7-23 5C	Phosphate, and Some Associated Ecological
VIERECK, L. A.	Distribution of Metals in Baltimore Harbor	Implications,
Ecological Effects of River Flooding and		W74-00665 7-02 5C
Forest Fires on Permafrost in the Taiga of		VINGOE, R. L.
Alaska,		Causes and Prevention of Drill Pipe Troubles,
W74-04352 7-09 20		W74-07889 7-15 8G
VIPTO P C ID	in the Upper Chesapeake Bay, Summary and	VINOCRAD A S
VIETS, F. G. JR. Primer on Agricultural Pollution,	Conclusions, W74-06352 7-12 5C	VINOGRAD, A. S. Rational Organization of Water Consumption in
W74-05569 7-11 5E		the Wood Preparation Room of Pulp and Paper
1-11 JE	VILLENEUVE, J. P.	Mills (Organizatsiya ratsional'nogo
Use of Caissons for Sampling Chemical and	Computer Oriented Approach of a Water Dis-	vodopol'zovaniya v drevesnopodgotovitel'nykl
Biological Conditions Beneath a Beef Feedlot,	tribution System,	tsekhakh tsellyulozno-bumazhnyki
W74-10138 7-19 5A	W74-12142 7-23 4A	predpriyatii),
		W74-13426 7-24 3E

VILLIERS, R. V.

7-04 2B

Laden Sludges on Conversion Processes,
W74-08861

7-17

VINOGRADOV, B. V.
Determination of Soil Moisture by Remote
Sensing Techniques (Opredeleniye vlazhnosti

VIEZEE, W.
Lidar Evaluation of Fog Dissipation
Techniques,
W74-01888 7-04 2B

pochvy distantsionnymi aerokosmicheskimi	VITEK, M.	VLASOVA, N. I.
metodami), W74-04576 7-09 2G	Atmospheric Coolers for Cooling Industrial	Survival Rate of Ascarid Eggs in the Soil and Sediment of Sewage in Ooze Area in the Vol-
W74-04576 7-09 2G	Waters,	gograd Region, (In Russian),
VINOGRADOV, V. G.	W74-13275 7-24 5D	W74-13362 7-24 5C
Research on the Micromorphology of the	VITENBERG, A. G.	W/4-13302
Flooded Poszolic Soils of Shallow Water	Gas-Chromatographic Determination of	VLASOVA, S. P.
Reservoirs, (In Russian),	Hydrogen Sulfide in Aqueous Solutions (Gazo-	Utilization of Thermal Waters from Oil
W74-07235 7-14 2G	khromatograficheskoe opredelenie	Deposits of the Caucasus,
VINOCRADOV V N	serovodoroda v vodnykh raztvorakh),	W74-08988 7-17 4B
VINOGRADOV, V. N. Hydrological Regime of Lower Dnieper Sands	W74-12962 7-24 5A	VODOGRETSKIY, V. YE.
in Connection with Their Afforestation, (In		Calculation of Groundwater Recharge and
Russian),	VITOSH, M. L.	Evaluation of the Effect of Land- and Forest-
W74-12555 7-23 2F	Long-Term Effects of Manure, Fertilizer, and	Improvement Practices (Raschet pitaniya grun-
	Plow Depth on Chemical Properties of Soils	tovykh vod i otsenka vllyaniya na nego
VINOKUR, I. A.	and Nutrient Movement in a Monoculture Corn	agrolesomeliorativnykh meropriyatiy),
Liquid-Phase Oxidation of Phenol, Methanol, and Formaldehyde for Purification of Industrial	System,	W74-10629 7-20 4C
Effluents (Zhidkofaznoe okislenie fenola,	W74-06346 7-12 5B	Overland Flow and Its Variability Under the
metanola i formal'degida primenitel'no k	VITOSHKIN, YU. K.	Effect of Agricultural and Forest-Improvement
ochistke stochnykh vod),	Structure of the Velocity Profile of a Suspen-	Practices (Sklonovyy stok i yego izmeneniye
W74-06403 7-12 5D	sion-Bearing Flow,	pod vliyaniyem agrotekhnicheskikh i
	W74-06912 7-13 8B	lesomeliorativnykh meropriyatiy),
VIOLA, S.		W74-10634 7-20 4A
Experiments in the Nutrition of Carp Growing in Cages,	VIZEL, A. O.	VODZINEVII VII V
W74-11190 7-21 2H	Derivatives of Phosphacyclopentene,	VODZINSKII, YU. V. Determination of Phenols in Effluents by Vol-
721 211	W74-01791 7-04 5B	tammetry (Opredelenie fenolov v stokakh
VIRARAGHAVAN, T.	VI ACHOE C	vol'tamperometricheskim metodom),
Occupationally Related Health Hazards in	VLACHOS, C.	W74-12964 7-24 5A
Wastewater Treatment Systems,	Consolidation of Irrigation Systems: Phase 1, Engineering, Legal, and Sociological Con-	
W74-03853 7-08 5C	straints and/or Facilitators,	VOELKEL, K. G.
Water Quality and Human Health,	W74-01367 7-03 3F	Joint Treatment of Municipal and Pulp Mill Ef-
W74-01865 7-04 5F	1.03 31	fluents, W74-09473 7-18 5D
	VLACHOS, E.	W /4-094/3 /-16 3D
VIRMANI, Y. P.	Managing Growth in a Fragile Environment:	VOEMEL, A.
Analysis of Background Copper Concentration	Problems of the Rocky Mountain States,	The Influence of Dry Periods at Various Stages
in Seawater by Electron Spin Resonance, W74-12482 7-23 5A	W74-04505 7-09 6D	of Development: Investigations of the Water
W 14-12402 1-25 3A	VI ADMIROV A T	Economy in Oats and Millet,
VISHER, G. S.	VLADIMIROV, A. T.	W74-06243 7-12 3F
Dynamic Relationship Between Hydraulics and	Morphology and Evolution of aLagoon Coast on Sakhalin.	VOGEL, P. M.
Sedimentation in the Altamaha Estuary,	W74-04433 7-09 2J	A New Shear Wave Velocity Measurement
W74-10372 7-20 2L	177 23	Technique in Ocean Bottom Soil Samples,
VISHNEVSKIY, P. F.	VLADIMIROV, L. A.	W74-05918 7-11 2J
Computation of Maximum Storm Runoff for	Karst Waters of the Caucasus (Karstovyye	VOCEL C I
Designing Erosion Control Structures in	vody Bol'shogo Kavkaza),	VOGEL, S. J. Distribution and Mixing of Inflow into
Southwestern European Russia (Rashet mak-	W74-02756 7-06 2E	Stratified Lakes: A Hydraulic Model Study,
simal'nogo livnevogo stoka pri proyektirovanii	VLADIMIROV, M. Z.	W74-05917 7-11 2H
protivoerozionnykh sooruzheniy v yugo-zapad-	Food Supply and Character of its Utilization by	
noy chasti YeTS), W74-00600 7-02 2D	Dniester Vimba Fry in Ponds, (In Russian),	VOISEY, P. W.
W/4-00000 /-02 2D		A Weighing System for Lysimeters,
	W74_07597 7_14 91	
VISKANTA, R.	W74-07592 7-14 8I	W74-11277 7-21 2D
Instability of Water Cooled from Above,	W74-07592 7-14 8I VLADIMIROVA, K. S.	
	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reser-	W74-11277 7-21 2D VOITENKO, A. M. Quality of Drinking Water on Ships in Relation
Instability of Water Cooled from Above, W74-07458 7-14 2H	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic	VOITENKO, A. M.
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Bounda-	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian),	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation
Instability of Water Cooled from Above, W74-07458 7-14 2H	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E.
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Bounda- ry-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S.	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B.	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn,	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E.
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting.	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe,	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I.	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh bas-	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe,	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian)
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE)	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian),
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Sub-	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D.	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian),
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian),	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J.
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Sub-	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to Planning,	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian), W74-02232 7-05 5B VISSER, G. A.	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the Recreational Use of State Parks,
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian), W74-02232 7-05 5B VISSER, G. A. Floating Breakwater Pontoon,	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to Planning, W74-09418 7-18 6B	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian), W74-02232 7-05 5B VISSER, G. A.	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to Planning, W74-09418 7-18 6B VLASOV, V. A.	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the Recreational Use of State Parks, W74-12198 7-23 6B
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian), W74-0232 7-05 5B VISSER, G. A. Floating Breakwater Pontoon, W74-04711 7-09 8B	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to Planning, W74-09418 7-18 6B	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the Recreational Use of State Parks,
Instability of Water Cooled from Above, W74-07458 7-14 2H Thermal Interaction of two Streams in Boundary-Layer Flow Separated by a Plate, W74-04236 7-08 8B VISLOGUZOV, F. S. Field Shelterbelt Afforestation and Greenery Planting, W74-03883 7-08 3F VISMAN, YA. I. Using the Adsorption Method on Activated Charcoal with Chloroform Extraction (CCE) for Evaluating Water Pollution by Organic Substances, (In Russian), W74-02232 7-05 5B VISSER, G. A. Floating Breakwater Pontoon,	VLADIMIROVA, K. S. Organic Matter of the Soil in the Kiev Reservoir and its Role in the Development of Benthic Algae, (In Russian), W74-04281 7-08 5C VLASENKO, N. B. Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), W74-01392 7-03 2K VLASIN, R. D. Ecological Concepts and Applications to Planning, W74-09418 7-18 6B VLASOV, V. A. Effect of Organic and Inorganic Fertilizers on	VOITENKO, A. M. Quality of Drinking Water on Ships in Relation to Sailing Conditions, (In Russian), W74-08082 7-15 5B VOLCANI, B. E. Germanium Incorporation into the Silica of Diatom Cell Walls, W74-03280 7-07 5C VOLGIN, M. V. AND Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian), W74-04689 7-09 2H VOLK, J. An Investigation of Factors Affecting the Recreational Use of State Parks, W74-12198 7-23 6B

VOLKMAR, R. D.

VOLKMAR, R. D.

Primary Productivity in Relation to Chemical Parameters in Cheat Lake, West Virginia, W74-04089 7-08 5C

VOLKOV, G. A.

Arsenic-Containing Carbonated Waters, Occurrence Peculiarities, Chemical Composition, Occurrence Conditions (Mysh'yaksoderzhashchiye Kavkoza (osobennosti rasprostraneniya, khimicheskiy sostav, usloviya formirovaniya)), W74-10884

VOLKOV, I. I.

Basic Patterns in the Distribution of Chemical Elements in Deep-Sea Sediments of the Black Sea (Osnovnyye zakonomernosti raspredeleniya khimicheskikh elementov v tolshche glubokovodnykh osadkov Chernogo morya),

7-10 5B

Behavior of Molybdenum in Processes of Sediment Formation and Diagenesis in Black Sea, W74-12391 7-23 2J

Forms of Iron in Surface Layer of Black Sea Sediments, W74-12390 7-23 2J

Influence of Organic Material and Processes of Sulfide Formation on Distribution of Some

Sulfide Formation on Distribution of Some Trace Elements in Deep-Water Sediments of Black Sea,
W74-12388
7-23 2K

Mechanism of Element Distribution in the Pacific Ocean (Japanese Profile) (K poznaniyu mekhanizma raspredeleniya elementov v Tikhom okeane (Yaponskiy profil')),
W74-07503 7-14 2J

VOLKOVA, R. I.

On the Interaction Between Organophosphorus Inhibitors and Cholinesterase, W74-01794 7-04 5B

VOLKVADZE, Z. A.

Effect of Weather Conditions on Sporulation of Helminothosporium turcicum Pass, W74-04296 7-08 3F

VOLLBRECHT, K.

The Relationships Between Wind Records, Energy of Longshore Drift, and Energy Balance Off the Coast of a Restricted Body of Water, As Applied to the Baltic, W74-03431 7-07 2J

VOLLKOMMER, R.

Lake Erie, W74-09954 7-19 5C

VOLOSHENKO, B. B.

Comparative Analysis of Feeding of One-Summer-Old Peled Coregonus Peled (Gmelin), Chir Coregonus Nasus (Pallas) and Their Hybrids Grown Together, (In Russian), W74-12163 7-23 8I

VOLOSHKO, L. N.

Dynamics of Phytoplankton in the Lower Volga and the Main Channels of its Delta, (In Russian), W74-03646 7-07 5C

VOLOVIK, YU. I.

Chemical Composition of Water in Agrakhanskiy Bay (O khimicheskom sostave vody Agrakhanskogo zaliva), W74-03527 7-07 2K VON BRAUNSCHWEIG, C.

The Effect of Soil Moisture Upon the Availability of Potassium and its Influence on the Growth of Young Maize Plants (Zea mays L.), W74-02554 7-05 3F

VON HIPPEL. A.

Molecular Mechanisms of Conduction and Polarization in Water Vapor, Liquid Water, and Ice, W74-11744 7-22 1B

VON HUENE, R.

Late Quaternary Sedimentation in the Active Eastern Aleutian Trench, W74-05720 7-11 2J

VON LA CHEVALLERIE, M.

The Influence of Drought on the Composition of Maize Silage, W74-02089 7-04 3F

VON LEHMDEN, D. J.

Determination of Trace Elements in Coal, Fly Ash, Fuel Oil, and Gasoline-A Preliminary Comparison of Selected Analytical Techniques, W74-12500 7-23 5A

VON TROIL, S.

Design Principles of White Water Systems with Special Reference to Effluent Control, W74-12413 7-23 5D

VONDER, LINDEN K.

Initial Evaluation of the Geologic Applications of ERTS-1 Imagery for New Mexico, W74-06693 7-13 4A

VONDRACEK, M.

Zonation of Mosses on the Banks of the Novy Cepsky Pond. (in Czech.), W74-08119 7-15 2H

VONHAARTMAN, U.

Toxicity for Cats of Methylmercury in Contaminated Fish from Swedish Lakes and of Methyl-Mercury Hydroxide Added to Fish, W74.1171 7.22 5C

VONNEGUT, B.

Structure and Modification of Clouds and Fogs,
W74-11745 7-22 3B

VOOGD, C. E.

Incidence of Resistance to Tetracycline, Chloramphenicol and Ampicillin Among Salmonella Species Isolated in the Netherlands in 1969, 1970 and 1971, W74-07562 7-14 5C

VORACHEK, T. J.

Alfalfa Quality: Is There a Difference, W74-03930 7-08 3F

VOROB'EV, V. I.

Substantiation of the Maximum Permissible Concentration of ANP-2 Compound in Water Bodies, (In Russian), W74-01581 7-03 5G

VOROB'YEV, G. A.

Iron Ore in Lakes of Vologda Oblast (Zhelezorudnyye ozera Vologodskoy oblasti), W74-03833 7-08 2H

VORONIN, A. D.

Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom), W74-10265 7-19 2G VORONOV, A. G.

The Formation of Phytocenoses on the Liberated Ground of Lake Sevan, (In Russian), W74-03632 7-07 2H

VORONOV, J. V.

Method for Biochemical Treatment of Industrial Waste Water, W74-00966 7-02 5D

VOS. J.

Anionic Electrophoretic Pattern of Five Ruthenium Salts in Fresh and Sea Water: Effects of Aging and Dilution, W74-05479 7-11 5A

VOSKRESENSKIY, K. P.

Surface-Water Resources of the USSR and Their Change Resulting from Human Economic Activity (Resursy poverkhnostnykh vod SSSR i ikh izmeneniye pod vliyaniyem khozyaystvennoy deyatel'nosti), W74-01133 7-03 4A

Surface Water Resources of the USSR and Their Change Under the Effect of Industrial and Agricultural Activity,

W74-12983 7-24 4A

VOSS, G.

Semiautomated Method for More Precise and Sensitive Determination of Nonpolar Anticholinesterase Insecticides with Technicon Modules, W74-05496 7-11 5A

A Solvent-Saving Extraction-Evaporation Apparatus Developed for Residue Analysis of Pesticides.

W74-06089

7-12 5A

VOSTAL, J.

General Discussion and Conclusions-Need for Further Research, W74-07689 7-15 5C

Symptoms and Signs of Intoxication, W74-07684 7-15 5C

Transport and Transformation of Mercury in Nature and Possible Routes of Exposure, W74-07682

VOTH, V.

Effect of Flooding on the Twospotted Spider Mite and its predators on Strawberry in Southern California, W74-01243 7-03 3F

VOTINTSEV, K. K.

Role of Ultranannoplankton Algae in Primary Production in Lake Baikal During the Summer, (In Russian), W74-00488 7-01 2H

VOTTA, F. JR.

Concentration of Industrial Waste by Direct Osmosis, W74-13055 7-24 5D

VOVK, F. I.

Ways of Intensifying Hatchery Breeding of Sturgeons in the Dam Regions of Hydroelectric Stations, (In Russian), W74-12149 7-23 81

VOYER, R. A.

Effects of Dissolved Oxygen on Two Life Stages of the Mummichog, W74-01776 7-04 5C

	THE CHARGE T W	WACNED A I
VOYT, F. YA.	WACKWITZ, L. K.	WAGNER, A. J.
Procedure for Evaluating the Effect of Convec-	Applicability of ERTS-1 to Lineament and	Regional Perspectives,
tive Cloud Modification for the Purpose of Ar-	Photogeologic Mapping in MontanaPrelimina- ry Report,	W74-00123 7-01 5G
tificially Controlling Precipitation and the	W74-02569 7-05 7B	WAGNER, D. D.
Results of Aircraft Studies on the Structure of	W 14-02309 1-03 1B	An Investigation of the Physical Impact of
Cumulus Clouds,	WADA, E.	Sewage Outflow on a River-Estuarine Environ-
W74-09378 7-18 3B	Capacities of Shallow Waters of Sagami Bay	ment.
VRANOVSKY, M.	for Oxidation and Reduction of Inorganic	W74-07477 7-14 5C
Some Further Results of the Zooplankton Stu-	Nitrogen,	7-14 30
dies in the Czechslovak-Hungarian Stretch of	W74-00047 7-01 5B	WAGNER, E. O.
the Danube,		Waste Water Monitoring Program by the City
W74-02545 7-05 2I	WADA, Y.	of New York,
1174 02545	Observations on Gambusia affinis Introduced	W74-10962 7-21 5D
VREELAND, V.	into Tokushima as a Natural Enemy of	
Uptake of Chlorobiphenyls by Oysters,	Mosquitoes, (In Japanese),	WAGNER, J.
W74-10889 7-20 5B	W74-07048 7-13 5G	Disposal of Heated Water Through Ground-
	WADDELL, D. F.	water Systems - Vol. I: Technical and
VROMAN, M.	The Rapid Determination of The Or-	Economic Feasibility,
Vaucheria Species from the Dutch Brackish In-	ganophosphorus Pesticides Diazinon and	W74-12753 7-24 5B
land Ponds 'De Putten',	Dichlorvos in Blood by Gas Chromatography,	
W74-11194 7-21 2H	W74-00460 7-01 5A	Disposal of Heated Water Through Ground-
		water Systems, Volume II, User's Manual Nu-
VUCETIC, T.	WADDELL, E.	merical Simulation of Fluid Flow and Heat
Long-Term Annual Fluctuations of Mercury in	Dynamics of Swash and Implication to Beach	Transfer in Groundwater Systems,
the Zooplankton of the East Central Adriatic,	Response,	W74-12754 7-24 5B
W74-11291 7-21 5B	W74-00032 7-01 2J	W.CHER I.B
		WAGNER, J. R.
VUKOVICH, J. W.	WADDELL, K. M.	Industries Win Few Concessions as Pollution
Hydrostratigraphic Units of Surficial Deposits	The Effects of Restricted Circulation on the	Permit Plan Moves on Schedule,
of East-Central Illinois,	Salt Balance of Great Salt Lake, Utah,	W74-09141 7-17 6E
W74-10852 7-20 2J	W74-06435 7-12 2H	WACNED I A
VIEROVIC B	Selected Hydrologic Data in the Upper	WAGNER, L. A.
VUSKOVIC, B.	Colorado River Basin.	Flood of June 1972 at Corning, New York,
Correlation Between Turbidity and Iron Con-	W74-11979 7-22 7C	W74-02479 7-05 7C
tent of the Filter Effluent of Well Origin,	W14-11575	Flood of June 1972 at Elmira, New York,
W74-09526 7-18 5B	WADDELL, T. E.	W74-00535 7-01 7C
VUTUKURI, V. S.	The Economic Damages of Air Pollution,	W /4-00333 /-01 /C
Improved Drilling Rates at Lower Costs,	W74-11798 7-22 5A	WAGNER, T. W.
W74-07901 7-15 8C		Progress of an ERTS-1 Program for Lake On-
W/4-0/901 /-13 8C	WADE, L. C.	tario and its Basin,
VUYE, A.	The Results of an Agricultural Analysis of the	W74-02600 7-05 7B
Urease Activity of Enterobacteriaceae: Which	ERTS-1 MSS Data at the Johnson Space	7-03 75
Medium to Choose,	Center,	WAGNER, V. G.
W74-04888 7-10 5A	W74-01686 7-04 3F	How Safe are Sewers for Construction and
117-04000 7-10 3A	WARE B.	Maintenance Crews,
VYKHRISTYUK, L. A.	WADE, R. L. High Precision Sampling for Chromatographic	W74-08440 7-16 5G
Readily Hydrosable Organic Matter in Bottom	Separations,	
Sediments of Lake Baikal, (In Russian),	W74-02414 7-05 2K	WAH, T. L.
W74-03715 7-07 5C	W/4-02414 /-03 2K	Carp Culture in Singapore: A Case Study,
	WADE, T.	W74-11945 7-22 8I
VYNCKE, W.	Intercalibration of Analyses of Recently	
On the Effects of Dumped Organic Industrial	Biosynthesized Hydrocarbons and Petroleum	WAHAB, A. M. ABDEL
Waste Deriving from the Production of	Hydrocarbons in Marine Lipids,	Eco-Physiological Studies on Desert Plants:
Proteolytic Enzymes on Density, Distribution	W74-02390 7-05 5A	VIII. Root Penetration of Leptadenia
and Quality of Fish and Shrimps,		Pyrotechnica (Forsk.) Decne. in Relation to Its
W74-13102 7-24 5C	WAELTI, J. J.	Water Balance,
77.77	Flood Control, Navigation, and Other Alterna-	W74-12743 7-23 2I
W,	tive Water Resources Policies in Minnesota,	
Project Rio Blanco: Prompt Ecological Effects	W74-12206 7-23 6F	WAHAL, C. K.
Resulting From Ground Motion,		Ascorbic Acid and Heterocyst Development in
W74-09831 7-19 5C	WAFA, T. A.	the Blue-Green Alga Anabaena Ambigua,
	Seepage Losses From Lake Nasser,	W74-05052 7-10 5C
WAANANEN, A. O.	W74-08750 7-17 4A	
Floods from Small Drainage Areas in Califor-	WAGGONER, A. P.	WAHBY, S. D.
nia A Compilation of Peak Data, October 1958	H2SO4/(NH4)2SO4 Aerosol: Optical Detection	Further Studies on the Hydrography and
to September 1973,	in St. Louis Region,	Chemistry of Lake Manzalah,
W74-09940 7-19 4A	W74-10965 7-21 5A	W74-02096 7-04 2H
		WANDER H A
WACHTER, B.	WAGGY, W. H.	WAHEED, H. A.
Suburban America: Population Dynamics as	SimulationA Tool for Water Resource	Microdetermination of Thiocyanates with N-
Related to Water Resources Planning,	Management,	Bromosuccinimide Using Bordeaux Red as an
W74-00553 7-02 6B	W74-07300 7-14 6A	Indicator,

Plant Population and Humidity Relationships in Grassland: The Question of Evaluating Popula-tion Samples, (In German),

7-24 21

W74-13491

WAGMAN, J.
Mass and Composition of an Urban Aerosol as
a Function of Size for Several Visibility
Levels,
W74-10969 7-21 5B

7-11 5A

Indicator, W74-05443

WAHL, K. D.

W74-03810

Water Availability and Geology in Marion County, Alabama,

. 7-21 5B

WAHL, K. L.

WAHL, K. L.	Remarks on the Stocking of the Dam Reservoir	WALKER, H. J.
Water Resources of the Laramie, Shirley, Hanna Basins and Adjacent Areas, Southeast-	at Przeczyce with Lake Trout Salmo trutta M Lacustris L,	The Nature of the Seawater-Freshwater Inter- face During Breakup in the Colville River
ern Wyoming,	W74-01072 7-02 8I	Delta, Alaska,
W74-11983 7-22 7C	WAKIL, M.	W74-04397 7-09 2C
WAHLSTROM, P.	Effects of Air Pressure During Water Flow in	WALKER, J.
The Use of Computer Simulations for Systems	an Unsaturated, Stratified Vertical Column of	Predicting Chelate Performance in Boilers,
Ecological Studies in the Baltic,	Soil,	W74-11380 7-21 5B
W74-04634 7-09 5B	W74-12833 7-24 2G	WALKER, J. D.
	WALANSKI, K. A.	Hydrocarbon Utilization by Cladosporium
WAHREN, D.	Investigation of the Chemical Identity of Solu-	resinae,
Establishment of a Closed System for the Paper Making Process,	ble Organophosphorus Compounds Found in	W74-08613 7-16 5B
W74-12412 7-23 5D	Natural Waters,	Microbial Ecology and the Problem of Petrole-
W/4-12412 /-23 3D	W74-08935 7-17 5A	um Degradation in Chesapeake Bay,
Establishment of a Closed System for the	WILLDOWS C. I	W74-08628 7-16 5B
Papermaking Process,	WALDBOTT, G. L. Health Effects of Environmental Pollutants,	Onidation of a Albanea by Cladesperium
W74-12944 7-24 5D	W74-09547 7-18 5C	Oxidation of n-Alkanes by Cladosporium resinae,
WAI, C. M.	W14-03341 1-16 3C	W74-06763 7-13 5C
Losses of Trace Concentrations of Cadmium	WALDCHEN, A. J.	
from Aqueous Solution During Storage in Glass	Recent Developments in the Law of the Sea	WALKER, J. M.
Containers,	IV: A Synopsis,	Sludge Disposal Studies at Beltsville, W74-11841 7-22 5D
W74-12502 7-23 5A	W74-06965 7-13 6E	W74-11841 7-22 5D
m p. 41 414 F	WALDEN, C. C.	WALKER, J. N.
The Rate of Loss of Mercury From Aqueous Solution When Stored in Various Containers,	Detoxification of Kraft Mill Effluents by Foam	Development of Prediction Relationships for
W74-00043 7-01 5A	Separation,	Water Requirements with Irrigation Cooling,
W14-00045	W74-03084 7-06 5D	W74-05539 7-11 3F
WAISS, A. C. JR.		Surface Water Storage Capacity of Selected
Absorption of Mercuric Cation by Tannins in	Effects of Condensates on the Toxicity of	Crop Leaves Under Irrigation Sprays,
Agricultural Residues,	Kraft Pulp Mill Effluents, W74-04521 7-09 5D	W74-04135 7-08 3F
W74-08314 7-16 5G	W/4-04321 /-03 3D	WALKER, K. F.
WAIT, R. L.	Measuring Stress in Fish Exposed to Pulp Mill	Derivation of Daily Phytoplankton Production
Hydrology and Chloride Contamination of the	Effluents,	Estimates from Short-Term Experiments in
Principal Artesian Aquifer in Glynn County,	W74-02276 7-05 5C	Some Shallow, Eutrophic Australian Saline
Georgia,	WALDICHUK, M.	Lakes,
W74-07919 7-15 2F	Coastal Marine Pollution and Fish,	W74-10812 7-20 5C
THE A THREE PARTY.	W74-12252 7-23 5C	Studies on a Saline Lake Ecosystem,
WAITE, D. A.		W74-02920 7-06 5C
Environmental Surveillance for Fuel Fabrica- tion Plants,	WALDMAN, G. A.	WALKER, L. D.
W74-04451 7-09 5B	The Spreading and Transport of Oil Slicks on	Socioeconomic Impacts of the Federal Recla-
7.07	the Open Ocean in the Presence of Wind,	mation Program in the United States,
WAITE, L. A.	Waves, and Currents, W74-05919 7-11 5B	W74-12793 7-24 6B
Flood of July 17, 1972 in Gallup, New Mexico,	171703717	WATERD B II
W74-06267 7-12 2E	WALDRON, A. C.	WALKER, P. H. Fragmentation of Granitic Quartz in Water,
Flood of September 3, 1972, in Hillsboro, New	Pesticide Movement from Cropland into Lake	W74-03065 7-06 2J
Mexico.	Erie,	
W74-06299 7-12 2E	W74-11922 7-22 5B	Seasonal and Stratigraphic Controls in Coastal
	Quality of Drainage Water From a Heavy-Tex-	Floodplain Soils, W74-07030 7-13 2G
WAITE, P. J.	tured Soil,	W /4-0/030 /-13 20
Dry and Wet, July-August Rainfall Areas in	W74-08088 7-15 5B	WALKER, P. N.
Iowa, W74-07045 7-13 2B	O Frank Darley Water from Harry To-	Flood of October 1972 at Petersburg and
7-13 ZB	Quality of Drainage Water from a Heavy-Tex- tured Soil,	Colonial Heights, Virginia, W74-06957 7-13 7C
WAITE, W. P.	W74-10346 7-19 5B	W /4-0693/ /-13 /C
Broad Spectrum Microwave Systems for	7-17 38	WALKER, R. L.
Remotely Measuring Soil Moisture Content,	WALDRON, K. D.	Rapid 15-N Isotopic-Ratio Analytical System
W74-07052 7-14 2G	A Portable Wire-Speed Indicator for Use with	for Environmental Samples,
WAITES, W. M.	Plankton Nets,	W74-12032 7-23 5A
The Effect of Hypochlorite on the Germination	W74-06059 7-12 7B	WALKER, W. G.
of Spores of Clostridium bifermentans,	WALDROP, W. R.	Nitrogen Transformations During Subsurface
W74-03841 7-08 5C	Three-Dimensional Flow and Sediment Trans-	Disposal of Septic Tank Effluent in Sands: II.
WARWOOD V.C	port at River Mouths,	Ground Water Quality, W74-02148 7-04 5B
WAIWOOD, K. G.	W74-09946 7-19 2L	7-04 3B
Oxygen Consumption and Activity of the White	WALKER, C. R.	Nitrogen Transformations During Subsurface
Sucker (Catostomus Commersoni), In Lethal and Nonlethal Levels of the Organochlorine In-	The Use of Bioassays to Determine the Rate of	Disposal of Septic Tank Effluents in Sands: 1.
secticide, Methoxychlor,	Deactivation of Pesticides,	Soil Transformations,
W74-11320 7-21 5C	W74-12261 7-23 5C	W74-02147 7-04 5B
		WALKER, W. H.
WAJDOWICZ, Z.	WALKER, E. H.	Farm Ground Water Nitrate Pollution - A Case
Lake Bull Trout, W74-13366 7-24 2H	Walden's Way Revealed, W74-06925 7-13 2H	Study, W74-04158 7-08 5B
7-24 ZH	1-13 2H	17-04130 1-06 3B

Ground-Water Nitrate Pollution in Ru	ral Areas,	WALLACE, J. R.	WALLIS, C.
W74-00095	7-01 5B	Analysis of Urban Land Treatment Measures	Concentration of Enteroviruses from Large
What You Should Know About Pump	ping Tests.	for Flood Peak Reduction, W74-13043 7-24 4A	Volumes of Water, W74-02271 7-05 5F
Technical Memo No. 1,		W /4-13043 /-24 4A	W 14-022/1 7-03 3F
W74-00933	7-02 8G	Errors in Piezometric Measurement,	Virus Concentration from Sewage,
		W74-00931 7-02 8G	W74-01533 7-03 5D
WALKER, W. R. Culverts for Flow Measurement in	Irrigation	Consistent Analysis of a Thursday town Bainfall	WATER & C
Systems,	migation	Sensitivity Analysis of a Thunderstorm Rainfall Model,	WALLIS, I. G. The Balance Between Waste Treatment and
W74-04131	7-08 4A	W74-06101 7-12 2B	Waste Discharge in the U.S., 1957-2000,
		712 25	W74-08868 7-17 5D
Evaluation of Irrigation Scheduling f	or Salinity	WALLACE, J. T.	
Control in Grand Valley, W74-11929	7-22 5G	Filtration of Oilfield Produced Waters,	WALLIS, J. R.
₩ /4-11929	1-22 30	W74-12539 7-23 5D	A Bayesian Decision Framework for Synthetic
Flow-Measuring Flume for Waste	water for	WALLACE, R. H. JR.	Hydrology,
Treatment Plants,		Hydrogeologic Aspects of Structural Deforma-	W74-02438 7-05 6A
W74-13032	7-24 5D	tion in the Northern Gulf of Mexico Basin,	Just a Moment,
Selected Irrigation Return Flow Q	uality Ab-	W74-13179 7-24 2F	W74-07414 7-14 2A
stracts 1972-1973, Third Annual Issue		WATLACE B M	
W74-11576	7-22 5G	WALLACE, R. M. Solid Forms for Savannah River Plant High-	WALLOVER, J. I.
WATERD W W		Level Waste,	Continuously Regenerating Active Earth Filter-
WALKER, W. W. Acetylcholinesterase Toxicity of Mal	lathion and	W74-07787 7-15 5D	ing Apparatus for Liquid wastes, W74-03004 7-06 5D
Its Metabolites,	uu uud		1-00 3D
W74-05466	7-11 5C	WALLACE, R. R.	WALLWORK, J. A.
		Dispersion and Transport of Rhodamine B Dye	Distribution Patterns and Population Dyanmics
WALL, D. J.	1 4- Fl-4-	and Methoxychlor in Running Water: A	of the Micro-Arthropods of a Desert Soil in
Available Air Measurements Applied tion Thickener Evaluations,	d to Flota-	Preliminary Study, W74-00279 7-01 5B	Southern California,
W74-09451	7-18 5D	170027	W74-01635 7-03 21
11 14 03431	7-10 32	WALLEN, B.	WALMSLEY, D.
WALL, J. P.		Consecutive Titration of Calcium and Magnesi-	Membranes for Reverse Osmosis,
Dilutional Pumping at Snake Lake, W		um in Ethanol-Water Mixture,	W74-10932 7-21 5D
W74-04108	7-08 5C	W74-11721 7-22 2K	
WALLACE, A.		WALLEN, D. G.	WALRATH, D.
Cycling of Stable Cesium in	a Desert	Light Quality and Concentration of Proteins,	Upgrading Existing Wastewater Treatment Plants: Case Histories,
Ecoystem,		RNA, DNA and Photosynthetic Pigments in	W74-03500 7-07 5D
W74-05195	7-10 5B	Two Species of Marine Plankton Algae,	W 14-03300
Emphasizing Quality Control,		W74-08736 7-17 5C	WALRAVEN, G. O.
W74-03636	7-07 5F	Light Quality in Relation to Growth,	Process Water Reuse and Upset Control
		Photosynthetic Rates and Carbon Metabolism	Modifications at an Integrated NSSC Mill,
Persistence of Radionuclides in Se		in Two Species of Marine Plankton Algae,	W74-02283 7-05 5D
and Small Mammals in Areas Co	ntaminated	W74-08737 7-17 5C	WALSBY, A. E.
with Radioactive Fallout, W74-05194	7-10 5B	WATER C B	Gas Vacuoles,
W 74-03154	/-IU 3B	WALLER, G. R. Effects of Residual Toxins in Oil Refinery Ef-	W74-12578 7-23 5C
Some Characteristics of Soil and		fluents on Aquatic Organisms,	
Vegetation in Northern Mojave De	esert Areas	W74-12348 7-23 5C	A Portable Apparatus for Measuring Relative
of the Nevada Test Site,	7.04 CD		Gas Vacuolation, The Strength of Gas
W74-02024	7-04 5B	WALLER, R. M.	Vacuoles, and Turgor Pressure in Planktonic Blue-Green Algae and Bacteria,
WALLACE, A. G.		World's Greatest Source of Fresh Water,	W74-02976 7-06 5A
Aerial Detection of Spill Sources,		W74-07643 7-15 2H	
W74-04196	7-08 5A	WALLER, W. T.	WALSER, E.
WALLACE, B.		A Tentative Proposal for a Rapid In-Plant	Gauging Stations on Sediment-Loaded Moun-
Power Plants and Cottontails,		Biological Monitoring System,	tain Rivers, W74-11522 7-22 7B
W74-09982	7-19 5G	W74-12183 7-23 5A	W/4-11322 /-22 /B
		WALLIHAN, E. F.	Recording and Teletransmission of Measured
WALLACE, C. R. Effects of Temperature on Developi	ina Masiatia	Effects of Drainage and Organic Amendments	Data in Hydrology and Relevant WMO Activi-
Structures of Smallmouth Bass, I		on the Reclamation of a Sodic Soil Cropped	ties,
dolomieui Lacepede,		With Rice,	W74-11559 7-22 7B
W74-04663	7-09 5C	W74-08087 7-15 3C	WALSH, D. H.
		Portable Reflectance Meter for Estimating	An Improved Chemical Delivery Apparatus for
WALLACE, D. A. Modleing of Land Runoff Effects of	n Dissolved	Chlorophyll Concentrations in Leaves,	Use in Intermittent Flow Bioassays,
Oxygen,	ii Dissolveu	W74-07437 7-14 7B	W74-12272 7-23 7B
W74-08316	7-16 5B	WALLINGPORD C W	WALSH, F.
		WALLINGFORD, G. W.	Inhibition of Bacterial Chemoreception by
WALLACE, F. X.	mental Co.	Effects of Solid Beef Feedlot Wastes on Soil Conditions and Plant Growth,	Hydrocarbons,
New Legal Approaches to Environs trol,	nentai Con-	W74-09699 7-18 5D	W74-08638 7-16 5C
W74-13271	7-24 5G		
		WALLIS, B. F. J.	WALSH, J. J.
WALLACE, J. B.		The Application of Statistical Techniques to	Nutrient Submodels and Simulation Models of Phytoplankton Production in the Sea.
Studies on Southeastern Aquatic Ins W74-07740	7-15 5C	River Quality Management, W74-13024 7-24 5A	W74-01804 7-04 5C
11 /4-0//40	1-13 JC	11.1-130E4 1-24 JR	

WALSH, L. M.

WALSH, L. M.	WALTHER, H-J.	WANG, K. K.
Nitrogen Transformations and Availability of an Anaerobically Digested Sewage Sludge in	Influence of Evaporation Condensate on Biological Purification of Pulp Wash Waters	Competitive Growth of Sewage Organisms, W74-03567 7-07 5C
Soil, W74-13163 7-24 5B	(Einfluss von Eindampfkondensat auf die biologische Reinigung von Zellstoffwaschwas-	WANG, KL. L. Sensitivity Analysis of a Thunderstorm Rainfall
WALSH, M. A.	sern),	Model,
Catalytic Oxidation of Phenol in Dilute Con- centration in Air,	W74-00781 7-02 5D	W74-06101 7-12 2B
W74-07086 7-14 5D	WALTKING, A. E. A New Benzene-Ethanol-Water Solvent	WANG, L. K. Cost Effectiveness in Pollution ControlTreat-
WALSH, P. D.	System for TLC Separation of Aflatoxins,	ment of Glue Factory Wastes by Carbon Ad-
The Application of a Simulation Model to the Planning and Management of Water Resources	W74-05436 7-11 5A	sorption System, W74-02177 7-05 5D
in Lancashire,	WALTON, J. R. Granules Containing Lead in Isolated	
W74-12136 7-23 4B	Mitochondria,	Glue Treatment-Pick a Way, W74-00165 7-01 5D
WALTER, C. L.	W74-09787 7-18 5C	W 74-00103
Problems and SCS Specifications for Low	Rapid 15-N Isotopic-Ratio Analytical System	Mathematical Relationships of BOD Removal
Head PVC Pipelines, W74-08278 7-16 8B	for Environmental Samples, W74-12032 7-23 5A	in Activated Sludge Process, W74-02176 7-05 5D
WALTER, C. M.	W /4-12032 /-23 3A	Treatment of Tannery Effluents by Physical-
Distribution of Total Mercury in the Fishes of	WALTON, T. L. JR.	Chemical Processes,
Lake Oahe, W74-11319 7-21 5B	Littoral Drift Computations Along the Coast of Florida by Means of Ship Wave Observations,	W74-02175 7-05 5D
W/4-11319 /-21 3B	W74-05710 7-11 2J	WANG, M. H.
Hydraulic Model Tests of Estuarial Waste		Mathematical Relationships of BOD Removal
Dispersion, W74-03622 7-07 5B	WALTON, W. C. Water Resources Problems and Research	in Activated Sludge Process, W74-02176 7-05 5D
Mercury in Fish, Sediments, and Water in Lake	Needs in Minnesota, 1974 - Guidelines for	WANG, W-C.
Oahe, South Dakota,	Research Programs, W74-09656 7-18 6B	Adsorption of Phosphate by River Particulate
W74-02423 7-05 5A	W/4-09030 /-18 6B	Matter,
WALTER, I.	WALTZ, F. A.	W74-12288 7-23 5B
The Pollution Content of American Trade,	Monitoring Flood Damage with Satellite Imagery,	A Technique for Evaluating Algal Growth
W74-03490 7-07 5G	W74-08294 7-16 4A	Potential in Illinois Surface Waters, W74-02342 7-05 5C
WALTER, L. S.	WALZER, J.	
Environment Surveys,	Mill Waste Treatment by Flotation at Delair,	WANG, W. S.
W74-01167 7-03 5A	W74-03545 7-07 5D	Study of the Extracellular Polysaccharides Produced by a Blue-Green Alga, A-37,
WALTER, R. L.	WAIZER B B	W74-00734 7-02 5G
Analysis of Biological, Clinical, and Environ-	WALZER, P. D. Balantidiasis Outbreak in Truk,	WANGERSKY, P. J.
mental Samples Using Proton-Induced X-Ray Emission.	W74-07031 7-13 5C	The Production of Extracellular Carbohydrates
W74-11862 7-22 5A		by Some Marine Flagellates,
Toron Matal Analysis in Water by Destan In	WAMPLER, J. E. An On-Line Spectrophotometer for Collection	W74-08746 7-17 5C
Trace Metal Analysis in Water by Proton-In- duced X-Ray Emission Analysis of Ion-	of Manipulation of Absorbance Spectra,	WANNER, H.
Exchange Membranes,	W74-00272 7-01 7C	Soil Respiration in Different Types of
W74-11355 7-21 5A	WANDESFORDE-SMITH, G.	Southeast Asian Tropical Rain Forest, (In Ger-
WALTER, W. G.	Environmental Protection and Administrative	man), W74-09246 7-17 2G
Microbial ND Chemical Studies in a Watershed	Change in State Water Management in the	
used for Municipal Supply and Waste Disposal, W74-02449 7-05 5C	Pacific Coast States,	WARBURTON, J. A. Analysis of Iodine in Antarctic Snow,
W74-02449 7-05 5C	W74-09951 7-19 6E	W74-06929 7-13 5B
WALTERS, C. J.	WANG, D. I. C.	Silver Communication in Assessin Service at
Potential Productivity of an Alpine Lake as In- dicated by Removal and Reintroduction of	Reduction in Mercury Content of Fish Protein	Silver Concentrations in Antarctic Snow and Firn.
Fish,	Concentrate by Enzymatic Digestion, W74-07576 7-14 5A	W74-06930 7-13 5A
W74-13496 7-24 5C		WARD, B. Q.
Systems Analysis in the Marion Lake IBP Pro-	Reduction in Mercury Content of Fish Protein	The Presence of Clostridium botulinum in In-
ject,	Concentrate by Enzymatic Digestion, W74-09766 7-18 5C	donesian Waters,
W74-07010 7-13 5C		W74-02986 7-06 5A
WALTERS, G.	WANG, H.	WARD, C. C.
A New Direction for Urban Investment and	Sediment Transport in Random Waves, W74-10390 7-20 2J	Analyzing Heavy Ends of Crude,
Pricing Decisions, W74-11697 7-22 6B		W74-02378 7-05 5A
	Water Waves From Underwater Explosions in	WARD, C. H.
WALTERS, K. L.	Shallow Water, Part I: A Mathematical Model for Waves in Constant Depth and in Shoaling	Physiology and Ultrastructure of an Oxygen-
Water in the Okanogan River Basin, Washing- ton,	Water,	Resistant Chlorella Mutant Under Heterotrophic Conditions,
W74-07907 7-15 3B	W74-03454 7-07 2L	W74-02922 7-06 5C
WALTERS, L. J. JR.	WANG, K.	WARD, D. B.
Transfer of Heavy Metal Pollutants from Lake	A Promising Approach to Solving a Stream Pol-	Plant Expanded for Advanced Waste Treat-
Erie Bottom Sediments to the Overlying Water,	lution Problem,	ment,
W74-05956 7-12 5B	W74-00164 7-01 5D	W74-08223 7-16 5D

WARD, E. A. Air Quality Indices from ERTS-1 MSS Infor- mation, PR 568,	WARD, W. M. S. The Presence of Clostridium botulinum in In-	WARNER, M. L. Aggregates and Externalities: Information Needs for Public Natural Resource Decision-
W74-06696 7-13 5A	donesian Waters, W74-02986 7-06 5A	Making, W74-03474 7-07 6B
WARD, F.	WARDLE, G. A.	W 74-03474 7-07 0B
The Imperiled Everglades, W74-03720 7-07 6G	Erosion of Azinphosmethyl from Apple Leaves	Environmental Impact Analysis: A Review of Three Methodologies,
	by Rain and Overtree Irrigation, W74-01992 7-04 5B	W74-08839 7-17 6G
WARD, F. B. Polymer Membrane Electrodes. Part I. A	W/4-01992 /-04 3B	Paulinamental Impact Applicate An Francis
Choline Ester-Selective Electrode,	WARE, D. M. PCB Residues in Plankton from the Gulf of St.	Environmental Impact Analysis: An Examina- tion of Three Methodologies,
W74-00647 7-02 2K	Lawrence,	W74-07339 7-14 6G
WARD, F. J.	W74-05256 7-10 5A	WARNICK, C. C.
Some Sources of Error in the 14C Method for Estimating Primary Productivity and Their	WARFORD, J. J.	Regional Energy-Water Problems, Pacific
Relationship to Light Intensity During Incuba-	Economic Analysis and Municipal Water	Northwest, W74-07975 7-15 6D
tion, W74-01217 7-03 2H	Supply in Developing Countries,	WARNKE, D. A.
	W74-00190 7-01 10A	Conditions of Beach Retrogression in a Low-
WARD, F. N. Determination of Mercury in Vegetation with	Land Value Increments as a Measure of the	Energy Environment,
Dithizone - A Single Extraction Procedure,	Net Benefits of Urban Water Supply Projects	W74-03456 7-07 2J
W74-07949 7-15 5A	in Developing Countries: Theory and Measure- ment,	Drastic Beach Changes in a Low-Energy En-
WARD, F. P.	W74-04502 7-09 6B	vironment Caused by Hurricane Betsy,
A New Record of the Bowfin, Amia calva Lin-		W74-04756 7-09 2J
naeus, in the Upper Chesapeake Bay,	WARING, C. Infrared Reflectance Measurements of Missou-	WARREN, A. W.
W74-01986 7-04 2L	ri Waters for Water Quality Applications,	A Simple Method for Retention Basin Design, W74-07753 7-15 5D
Progress in Ecological Research at Edgewood	W74-01659 7-04 5A	W /4-0/733 /-13 3D
Arsenal, Maryland: Fiscal Years 1971 and 1972, W74-07986 7-15 5C	WARING, R. C.	WARREN, C. E.
W 14-0/980 7-13 3C	High Sensitivity Laser Absorption Spectrosco-	Laboratory and Controlled Experimental Stream Studies of the Effects of Kraft Ef-
WARD, J. C.	py of Laboratory Aqueous Solutions and of	fluents on Growth and Production of Fish,
The Effects of Water Temperature and Eleva- tion Upon Aeration,	Natural Missouri Waters. A Feasibility Study,	W74-11087 7-21 5C
W74-00699 7-02 5D	W74-01658 7-04 2K	Laboratory and Controlled Experimental
The Effects of Water Temperature and Eleva-	WARKENTIN, B. P.	Stream Studies of the Effects of Kraft Ef-
tion upon Aeration,	Soil Columns for Simulating Animal Manure	fluents on Growth and Production of Salmonid
W74-10168 7-19 5D	Recycling, W74-11242 7-21 5D	Fish, W74-02277 7-05 5C
WARD, J. R.		WARREN W V
Geohydrology of Atchison County, Northeast-	Unsaturated Flow in Expansive Soils,	WARREN, H. V. Environmental Lead: A Survey of its Possible
ern Kansas, W74-06376 7-12 7C	W74-12832 7-24 2G	Physiological Significance,
	WARNCKE, D. D.	W74-13233 7-24 5B
Geology and Hydrology of Rice County, Cen- tral Kansas,	Ammonium and Nitrate Uptake by Corn (Zea	WARREN, J. P.
W74-10408 7-20 4B	mays L.) as Influenced by Nitrogen Concentra- tion and NH4(+)/NO3(-) Ratio,	Costs of Land Subsidence Due to Ground
WARD, P.	W74-07459 7-14 3F	Water Withdrawal, W74-12867 7-24 4B
Establishment, Test, and Evaluation of a Proto-	Nitrogen Uptake Efficiency by Four Plant Spe-	
type Volcano-Surveillance System,	cies in the Field and Growth Chamber.	WARREN, M. R. Capacity of Water-Based Recreation Systems
W74-01698 7-04 7B	W74-05404 7-11 5B	Part I: The State of the Art - A Literature
WARD, P. R. B.	WARNER, D. L.	Review,
Measurement of Dye Concentrations by Photography,	Industrial Wastewater-Injection Wells in	W74-07719 7-15 6B
W74-08376 7-16 2E	United States-Status of Use and Regulation,	Capacity of Water-Based Recreation Systems
Transverse Dispersion in Ocillatory Channel	1973, W74-03355 7-07 5E	PART II: A Systems Approach to Capacity Analysis,
Flow,		W74-12364 7-23 6B
W74-08389 7-16 5B	Survey of Industrial Waste Injection Wells,	WARREN, W. M.
WARD, P. S.	Volume III, W74-01714 7-04 5E	Aerial Remote Sensing of Carbonate Terranes
Chlorine for Effluents in Short Supply,		in Shelby County, Alabama,
W74-10468 7-20 5D	***************************************	W74-02467 7-05 7B
WARD, R. C.	Further Studies of Fish Predation on Salmon Stocked in Maine Lakes,	Retention Basin Failures in Carbonate Ter-
Optimized Design of a Subsurface Drainage System.	W74-01603 7-03 2H	ranes, W74-05337 7-10 5B
W74-13025 7-24 4A	Spring Food of Chain Pickerel (Esox niger) in	
WARD, R. D.	Maine Lakes,	WARRICK, A. W. Evaluation of Water Flux Above a Deep Water
Leishmaniasis in Brazil: VII. Further Observa-		Table Using Thermocouple Psychrometers,
tions on the Feeding Habitats of Lutzomyia		W74-03776 7-08 2G
Flaviscutellata (Mangabeira) with Particular Reference to Its Biting Habits at Different	WARNER, L. A. Flood of June 1964 in the Oldman and Milk	Land Disposal of Waste Gases: III. Sorption
Heights,	River Basins, Alberta,	Patterns From Buried Gas Injection Pipes,
W74-12735 7-23 21	W74-13173 7-24 2E	W74-07422 7-14 5B

WARRICK, A. W.

Salt Displacement into Drain Tiles under Ponded Leaching, W74-07518 7-14 2G	On the Variation of Salinity Distribution in a Reservoir, Situated in Reclaimed Land, (Japanese),	WATSON, C. W. Course of Action Under Federal Common Law for Pollution of Interstate Waters.
***************************************	(Japanese), W74-02246 7-05 2H	W74-03382 7-07 5G
Seepage Through a Hillside: The Steady Water	Polluted and Turbid Water Masses in Osaka	WATSON, D. G.
Table, W74-07517 7-14 2G	Bay and Its Vicinity Revealed with ERTS-A	Cycling of Zinc-65 in a Simple Food Web,
Time-Dependent Linearized Infiltration. I.	Imageries,	W74-05202 7-10 5C
Point Sources,	W74-02586 7-05 7B	Freshwater Ecology,
W74-10217 7-19 2G	WATANABE, M.	W74-09236 7-17 5C
Transient Movement of Water and Solutes in	Studies on Runoff Characteristics in Channel Network Systems in Low Land,	Thermoluminescent Dosimetry of AquatiR Or-
Unsaturated Soil Systems, W74-01104 7-03 2G	W74-11865 7-22 2A	ganisms, W74-07819 7-15 5C
	WATANABE, S.	W74-07819 7-15 5C
WARRICK, A. W. AND Land Disposal of Waste Gases: II. Gas Flow	Determination of Fatty Acid Composition by	WATSON, D. J.
from Buried Pipes,	Gas Chromatography: I. Analysis with Use of Thermal Conductivity Detector,	Effects of Shading and of Seasonal Differences in Weathering on the Growth, Sugar Content
W74-04480 7-09 5E	W74-03311 7-07 2K	and Sugar Yield of Sugar Beet Crops,
Land Disposal of Waste Gases: 1. Flow Analy-	Determination of Fatty Acid Composition by	W74-01229 7-03 3F
sis of Gas Injection Systems,	Determination of Fatty Acid Composition by Gas Chromatography: II. Analysis with Use of	WATSON, E. L.
W74-04479 7-09 5E	Flame Ionization Detector,	Concrete Gravity Dams, W74-01066 7-02 8A
WARSHAW, S. J.	W74-03312 7-07 2K	W /4-01066 /-02 6A
Effects of Alewives (Alosa pseudoharengus) on the Zooplankton of Lake Wononskopomus,	A High-Speed Liquid Chromatograph with a	WATSON, F. L.
Connecticut,	Flow-Spectrofluorimetric Detector and the Ul-	Cotton: A Computer Simulation of Cotton Growth.
W74-07033 7-13 2H	tramicro-Determination of Aromatic Com- pounds,	W74-05213 7-10 3F
WARTENBERG, K.	W74-02397 7-05 5A	WATSON, G. H.
Pollution of Drinking Water by Oil in the Pipes	On the Hydraulics of the Nozzle on Trickle Ir-	Performance of a Warm-Oil Pipeline Buried in
of New Buildings, (In German), W74-03950 7-08 5B	rigation System (In Japanese),	Permafrost,
	W74-13349 7-24 3F	W74-04423 7-09 8D
WASHBURN, K. W. Effect of Consumption of Shavings on He-	WATANABE, T.	WATSON, G. H. AND
matology of Turkey Poults,	Distribution of (C-14) PCBs in Carp,	Effects of Ground-Ice Variability and Resulting Thaw Settlements on Buried Warm-Oil
W74-10136 7-19 5C	W74-01530 7-03 5C	Pipelines,
WASSEN, G.	Multiple Organochlorine Pesticide Residues in	W74-04422 7-09 4C
Lost and Living Lakes in the Upper Ume Val- ley,	Japan, W74-07560 7-14 5A	WATSON, G. T.
W74-12662 7-23 5C		Water Main Laying, W74-05010 7-10 5F
WASSERMAN, H.	WATERS, A. C. Antidune and Chute and Pool Structures in the	
Remote Control is Coming,	Base Surge Deposits of the Laacher See Area,	WATSON, I. C. Manual for Calculation of Conventional Water
W74-04153 7-08 8C	Germany,	Treatment Costs,
WASSERMAN, S. E.	W74-03063 7-06 2J	W74-08333 7-16 3A
Cause and Prediction of Beach Erosion,	WATERS, T. F.	WATSON, J. A.
W74-04945 7-10 2J	Recovery of Standing Crop and Production Rate of a Brook Trout Population in a Flood-	Annual Compilation and Analysis of Hydrolog-
WASSON, B. E.	Damaged Stream,	ic Data for Cow Bayou, Brazos River Basin, Texas, 1971,
Groundwater Resources of Yellow Creek State Inland Port Area, Tishomingo County, Missis-		W74-02137 7-04 4D
sippi,	WATKINS, F. A.	WATSON, K. K.
W74-12059 7-23 4B	Trydrogeologic Considerations in Land Spread-	The Numerical Analysis of Flow in
Water Resources of Lee County, Mississippi,	ing of Sewage Treatment-Plant Effluent in Cen- tral Florida,	Heterogeneous Porous Media,
W74-02340 7-05 4B	W74-03518 7-07 5D	W74-12828 7-24 2G
WASTIE, R. L.	WATKINS, F. A. JR.	WATT, W. E.
Secondary Leaf Fall of Hevea Brasiliensis: Meteorological and Other Factors Affecting In-	Use of Base-Runoff Recession Curves to	The Turbulent Temperature Mixing Layer, W74-02162 7-05 8B
fection by Colletotrichum Gloeosporioides,	Determine Areal Transmissivities in the Upper	
W74-01764 7-04 2I	W74-09740 7-18 2E	WATTERSON, K. G. Bleaching Effluent for Irrigation,
WATANABE, H.	WATKINS, S. H.	W74-00787 7-02 5D
Selective Chromatographic Separation of Uranium(VI) on Deae-Cellulose Layers in	California Destado Canada and Cantani in	WATTIEZ, C.
Dilute Acetic Acid Media,	Aerated Stabilization Basins,	Some Simple Methods for Limnological Study
W74-04864 7-10 5A	W74-06520 7-13 5D	in Shallow Water, W74-00998 7-02 7B
WATANABE, J.	WATLING, L.	
Numerical Prediction on Typhoon Tide in	Tidal Stream Development and Its Effect on the Distribution of the American Oyster,	WATTS, D. G. Agricultural Water Supply,
Tokyo Bay, W74-04971 7-10 2L		W74-07969 7-15 6D
WATANABE, K.	WATROUS, R. J.	WATTS, E. J.
Hydrocarbon Components to Floating Oil Pol-		Operation and Maintenance of Centrifugal
lutants of Sea Water, (In Japanese),	Automated Sulfate Determination,	Pumps,
W74-13075 7-24 5A	W74-12228 7-23 2K	W74-04146 7-08 8C

WATTS, G. M.	WEAVER, J. N.	Differential Electrolytic Potentiometry with
Feasibility Study of the Sand Sinking Method of Combatting a Major Oil Spill in the Ocean	Determination of Mercury and Selenium in Coal by Neutron Activation Analysis,	Periodic Polarisation. Part XXI. Introduction and Instrumentation,
Environment, W74-02635 7-05 5G	W74-12485 7-23 5A	W74-03859 7-08 5A
W 74-02633 7-03 3G	WEAVER, J. W.	
Mechanical Bypassing of Littoral Drift at In-	Practical Methods for Derivatizing and Analyz-	Differential Electrolytic Potentiometry with
lets, W74-04337 7-09 2L	ing Bacterial Metabolites with a Modified Auto- matic Injector and Gas Chromatograph,	Periodic Polarisation. Part XXII. Symmetrical Periodic Current Differential Electrolytic
	W74-01336 7-03 5A	Potentiometry in Oxidation - Reduction Titrimetry,
WATTS, J. B. Priming Unit for Distributing Priming Water to	WEAVER, K. F.	W74-03860 7-08 5A
Multiple Sewer Line Water Traps,	The Search for Tomorrow's Power,	WERRER W R
W74-09732 7-18 5D	W74-06198 7-12 5G	WEBBER, W. R. Primer on Agricultural Pollution,
WATER I W		W74-05569 7-11 5B
WATTS, J. W. Estimating Skin Effect in a Partially Completed	WEAVER, P. L.	WEREN A II
Damaged Well.	Cloud Moisture Interception in the Luquillo Mountains of Puerto Rico,	WEBER, A. H. Precipitation Variability Over North Carolina,
W74-03149 7-06 8B	W74-01747 7-04 2I	W74-01111 7-03 2E
WALICHORE B D		Statistical Analysis of North Carclina Precipita
WAUCHOPE, R. D. Effects of pH, Light and Temperature on Car-	WEAVER, P. W.	tion Data.
baryl in Aqueous Media,	Computer System for the Description and Evaluation of Community Water Systems	W74-02632 7-05 2E
W74-00056 7-01 5B	Based on Reverse Osmosis Desalination,	WERER C. I
WATER I	W74-01938 7-04 3A	WEBER, C. I. Biological Monitoring of the Aquatic Environ
WAUTIER, J. Toxicity of an Algal Complex on Freshwater	WELLER W. D. CD.	ment,
Fauna: 1. Action on Some Benthic Animals and	WEAVER, W. D. JR. Reducing Labor During Broiler Growout,	W74-12178 7-23 5A
Fishes. (in French),	W74-11243 7-21 5D	WEBER, E. M.
W74-08108 7-15 5C	7-21 35	Role of Models in Groundwater Management,
WAWIERNIA, K.	WEBB, J.	W74-05680 7-11 4E
Determination of Furfural in Water and	Emission Spectrometric Determination of	WERPR F W
Asphalt (In Polish),	Trace Metals in Biological Tissues, W74-01546 7-03 5A	WEBER, E. W. River Basin Planning in the United States,
W74-02798 7-06 5A	W/4-01540 /-03 3A	W74-01472 7-03 6E
WAXMAN, J. B.	WEBB, L. J.	WERER P B
Interaction of Temperature and Copper Ions as	A Study of Conditioning Sewage Sludges with	WEBER, F. P. DCP-Collected Absolute Target Reflectance
Orienting Stimuli in the Locomotor Behavior of	Lime,	Signatures Assist Accurate Interpretation o
the Goldfish (Carassius auratus),	W74-11251 7-21 5D	ERTS-1 Imagery,
W74-06769 7-13 5C	WEBB, L. M.	W74-06688 7-13 70
WAY, C.	Wave Shoaling,	WEBER, L. J.
A Conjunctive use Surface Water-Ground	W74-04215 7-08 2E	Metabolism and Biliary Excretion of Sul
Water Simulator,	WEBB, M. S.	fobromophthalein by Rainbow Trout (Salme
W74-02452 7-05 2F	Surface Temperatures of Lake Erie,	Gairdneri), W74-01411 7-03 50
WAYBRANT, R. C.	W74-07415 7-14 2H	W/4-01411
Factors Controlling the Dynamics of Non-Ionic		WEBER, R. B.
Synthetic Organic Chemicals in Aquatic En-	WEBB, R. Hood Canal Pond Revision,	Oxygenation System for Accelerated Sewag Treatment,
vironments,	W74-05157 7-10 8I	W74-08207 7-16 51
W74-07831 7-15 5B	710 01	
WEAKLY, E. C.	WEBB, R. G.	WEBER, T. L. Geophysical Investigations of Washington'
Hydrogeologic Data from Greeley, Wichita,	Current Practice in GC-MS Analysis of Or-	Ground Water Resources,
Scott and Lane Counties, Kansas,	ganics in Water, W74-00834 7-02 5A	W74-06262 7-12 2
W74-12068 7-23 4B	1-02 3A	WEBER, W. J. JR.
WEARE, N. M.	WEBB, R. N.	Activated Silica in Wastewater Coagulation,
Nitrogen Fixation by Anabaena cylindrica. I.	Operation of the 16-Stage MSF Pilot Plant-	W74-07738 7-15 51
Localization of Nitrogen Fixation in the	1969-1970, W74-11631 7-22 3A	Advantion from Agreeus Colution
Heterocysts, W74-00713 7-02 5C	W/4-11031 /-22 3A	Adsorption from Aqueous Solution, W74-07739 7-15 5
17-02 3C	WEBB, V.	
WEATHERFORD, G. D.	A Summary of a Study of Citizen Views and	Coagulation of Stormwaters and Low Alkalin ty Wastewaters,
Indian Water Rights: Legal Variables in Re-	Actions on the Proposed Ames Reservoir,	W74-09738 7-18 5
gional Water Management, W74-05922 7-11 6E	W74-11596 7-22 6B	
7-11 6E	WEBBER, H. H.	Physicochemical Processes for Water Qualit
WEATHERLY, P. E.	The Design of an Aquaculture Enterprise,	Control, W74-04546 7-09 5
The Effects of Transverse Cuts Through the	W74-12773 7-24 8I	
Stems of Transpiring Woody Plants on Water Transport and Stress in the Leaves,	WEBBER, L. R.	WEBSTER, H. H.
W74-10790 7-20 2D	A Method for the High Temperature Gas Chro-	Alternative 4A: Intensive Greenbelt Develor ment as an Additional Consideration,
	matographic Analyses of Petroleum Residues,	W74-11604 7-22 6
WEAVER, D.	W74-03579 7-07 5A	
Reconnaissance of the Flushing Characteristics and Water Quality in Coastal Canals of the	Nitrate Content of Percolates from Manured	WEBSTER, J. The Trapping of Aquatic Hyphomycete Spore
Gulf of Mexico,	Lysimeters,	by Air Bubbles,
W74-10531 7-20 5B	W74-00417 7-01 5B	W74-06069 7-12

WEBSTER, L.

WEBSTER, L.	Top and Bottom Roughness of a Multiyear Ice	WEIGAND, J. G.
How Triple Siphon Solved Sewage Transfer Across Welland River,	Floe, W74-06719 7-13 2C	Effects of Friction and Surface Tide Angle of Incidence on the Coastal Generation of Internal
W74-09517 7-18 5D	WEERTMAN, J.	Tides, W74-01190 7-03 2E
WEBSTER, L. F.	Anticipated Closure Rates for a Proposed Drill	17751170
Forging the Missing Link, W74-10558 7-20 5C	Hole, Ross Ice Shelf, Antarctica,	WEIGEL, E. P.
W74-10558 7-20 5C WEDDIG, L. J.	W74-00335 7-01 2C	Killer from the Bottom of the Sea, W74-06286 7-12 4A
Industry Activities in Response to the Heavy	Can a Water-Filled Crevasse Reach the Bottom	WEIGLE, J. M.
Metals Problem in Seafoods,	Surface of a Glacier, W74-09335 7-18 2C	Availability of Fresh Ground Water in
W74-12771 7-24 5G		Northeastern Worcester County, Maryland:
WEDDLE, C. L.	WEGGEL, J. R.	With Special Emphasis on the Ocean City
Wastewater treatment: Activated Sludge, W74-12935 7-24 5D	Maximum Breaker Height for Design, W74-03363 7-07 8B	Area, W74-13175 7-24 4B
WEDEL, J. H.	WEGLENSKA, T.	WEIGT, G.
Measurement of Discharge Under Ice Cover, W74-11511 7-22 7B	Long-Term Changes in the Plankton of Eutrophic Mikolajskie Lake as an Effect of Ac- celerated Eutrophication,	On Some Special Problems of Sulfite Pulp Waste Water Purification (Zu einigen speziellen Problemen der Sulfitzellstoff-Abwasser-
WEDEMEIER, A.	W74-11482 7-22 5C	reinigung),
Lay-Out and Diameter Optimization for a	MURITO A II	W74-07386 7-14 5D
Looped Water Transportation Network, W74-12144 7-23 4A	WEHE, A. H. The Dispersion of Continuously Injected Ef-	Proposal of a Simplified Manometric Method
WEDEMEYER, G.	fluents in Open Channels,	for Measuring Biochemical Oxygen Demand
Dechlorination of DDT by Aerobacter	W74-07833 7-15 5B	Results and Problems (Vorschlag einer verein- fachten manometrischen Methode zur Messung
Aerogenes,	WEHKING, M. W.	des biochemischen Sauerstoffbedarfs Ergeb-
W74-08739 7-17 5B	Nitrate Content of Well Water in West-Central	nisse und P robleme),
WEDEMEYER, W. G.	Wisconsin, W74-00246 7-01 5B	W74-00782 7-02 5A
Financing Private Water Resource Develop-	W/4-00240 /-01 3B	WEILER, P. R.
ment: Analysis of A State Loan Program, W74-02221 7-05 3F	WEHMEYER, E. E.	Simulation of Urban Runoff, Nutrient Loading,
	Hydrologic Data for Urban Studies in the	and Biotic Response of a Shallow Eutrophic
WEECKSTEEN, G. Capability of ERTS-1 Imergy to Investigate	Austin, Texas Metropolitan Area, 1972, W74-12653 7-23 7C	Lake, W74-06564 7-13 5C
Geological and Structural Features in a Sedi-		W 74-00304 7-13 3C
mentary Basin (Bassin Parisien, France),	WEHRY, A.	WEIMER, L.
W74-01695 7-04 3F	Experimental Field Studies Required for the Design of Drainages, (Studii experimentale in	Our Great Lakes, W74-10784 7-20 5C
WEEDEN, H. A.	teren, necesare proiectarii drenajelor),	W 74-10764 7-20 3C
Investigations of an Urban Area and its Locale	W74-09495 7-18 4A	WEIMER, W. C.
Using ERTS-1 Data Supported by U-Photography,	WEI, N. S.	Some Considerations of the Chemical Limnolo-
W74-06635 7-13 4A	Sewage Electrolysis,	gy of Meromictic Lake Mary, W74-00064 7-01 5C
WEEKS, C. E.	W74-11871 7-22 5D	
Effect of Ascorbic Acid on Cadmium Toxicity	WEICHART, G.	WEIN, R. W. Physical Microclimates of Erosion-Control
in the Young Coturnix,	The North Sea,	Structures in a Salt Desert Area,
W74-07707 7-15 5C	W74-10513 7-20 5B	W74-07029 7-13 2G
WEEKS, E. P.	Ballution of the North Coa	WEINDERC B
Use of Finite-Difference Arrays of Observation	Pollution of the North Sea, W74-06023 7-12 5B	WEINBERG, B. Detrital Quartz as a Natural Tracer-Fourier
Wells to Estimate Evapotranspiration from Ground Water in the Arkansas River Valley,		Grain Shape Analysis,
Colorado,	WEICKMANN, H. K. The Modification of Great Lakes Winter	W74-06293 7-12 2J
W74-03508 7-07 2D	Storms,	WEINBERG, J.
WEEKS, M. E.	W74-05732 7-11 3B	Method and Means for Absorbing Crude Oil
Heavy Manure Applications: Benefit or Waste,	WEIGHMANN V M	and the Like for Transportation and Recovery,
W74-09698 7-18 5D	WEICKMANN, K. M. Sixth Annual Survey Report on the Air	W74-00959 7-02 5G
WEEKS, W. F.	Weather Service Weather Modification Pro-	WEINBERGER, P.
Data on Morphological and Physical Charac-	gram (FY 1973),	Contribution to the Method for the Determina-
teristics of Sea Ice in the Beaufort Sea, W74-06721 7-13 2C	W74-06356 7-12 3B	tion of Sublethal Water Deficit, W74-05365 7-10 21
	WEIDEMANN, H.	W74-05365 7-10 2I
Icebergs as a Fresh-Water Source: An Ap-	Diffusion,	WEINBERGER, Z.
praisal, W74-01375 7-03 2C	W74-03030 7-06 5B	The Role of Molecular Diffusion In Dispersion Theory.
	WEIDENSAUL, T. C.	W74-01713 7-04 2E
Investigations Performed on the Arctic Ice Dynamics Joint Experiment, March 1971,	The Relationship Between Maple Canker In-	
W74-06716 7-13 2C	cidence and Precipitation,	WEINROBE, M. Accounting for Pollution: Pollution Absternant
	W74-01602 7-03 2I	Accounting for Pollution: Pollution Abatement and the National Product,
Mesoscale Strain Measurements on the Beau- fort Sea Pack Ice.	WEIDMAN, R. M.	W74-03959 7-08 5G
W74-06717 7-13 2C	Applicability of ERTS-1 to Lineament and	WEINSTEIN A I
Structure of a Multiyear Pressure Ridge,	Photogeologic Mapping in MontanaPrelimina- ry Report,	WEINSTEIN, A. I. Fog ModificationA Technology Assessment,
W74-06718 7-13 2C	W74-02569 7-05 7B	W74-08177 7-16 3B

WEINSTEIN, J. N. Transport Properties of Charge-Mosaic M	lem-	WEISS, H. V. Neutron Irradiation of Mercury in Polyethylene	WELCH, M. Macrobenthos as Indicators of Ecological
branes-Part A,		Containers,	Change,
W74-00310 7-01	3A	W74-05476 7-11 5A	W74-10534 7-20 5B
The state of Chance Marris M		Simultaneous Determination of Manganese,	WELCH, R.
Transport Properties of Charge-Mosaic M branes - Part B,	iem-	Copper, Arsenic, Cadmium, Antimony and	Cartographic Quality of ERTS-1 Images,
W74-00311 7-01	3 A	Mercury in Glacial Ice by Radioactivation,	W74-06620 7-13 7C
17-0311	311	W74-01361 7-03 5A	
WEINSTEIN, N. J.		WEISS, R. L.	WELCH, R. I.
Waste Oil Recycling and Disposal,		Attachment of Bacteria to Sulphur in Extreme	Aerial Spill Prevention Surveillance During Sub-Optimim Weather,
W74-12215 7-23	5 D	Environments,	W74-07342 7-14 5A
WEIR, J. E. JR.		W74-06065 7-12 5B	
Hydraulic Testing Accompanying Drillin	g of	Survival of Bacteria in Extreme Environments,	An Interregional Analysis of Natural Vegeta-
Five Exploratory Holes, Piceance Creek B.		W74-02962 7-06 5C	tion Analogues Using ERTS-1 Imagery,
Colorado,			W74-01670 7-04 3F
W74-00299 7-01	2F	WEISS, S. F. The Effects of Authorization for Water Im-	WELCH, W. D.
Hydraulic Testing and Sampling of Holes	DB.	poundments on Shoreland Transition,	Policy for Location of Offshore Ports and Oil
E-01 and RB-D-01, Project Rio Blanco,		W74-02826 7-06 6B	Refineries in Coastal Areas,
Blanco County, Colorado,	KIO		W74-09995 7-19 5G
	4B	Lake Norman Developmental Impact Study,	WELDON, M. R.
		W74-05869 7-11 6B	Environmental Effects of Petrochemical Waste
WEISBERG, H. E.		Multipurpose Reservoirs and Urban Develop-	Discharges on Tallaboa and Guayanilla Bays,
An Ion-Exchange Process for Recover	y of	ment,	Puerto Rico,
Chromate From Pigment Manufacturing,	cn.	W74-04319 7-09 6B	W74-11228 7-21 5C
W74-10423 7-20	5D	Vacation Home Location: A Model for Simu-	
WEISBERG, R. H.		lating the Residential Development of Rural	WELFORD, G. A. Tritium Intake in New York.
The Net Circulation in the West Passag	ge of	Recreation Areas.	W74-02023 7-04 5B
Narragansett Bay,		W74-02115 7-04 6B	W /4-02023
W74-05714 7-11	2L	WINDOWS B	WELGE, F. T.
WEIGHDOD M		WEISSER, P. The Distribution of the Submerged	Water Clarification Process Using Silicon-Con-
WEISBROD, M.	. 0.	Macrophytes in the Reedless Zone of the	taining Aminomethyl Phosphonates,
Wheat Response to Soil Moisture and the timal Irrigation Policy Under Conditions of		Neusiedler Lake, (In German),	W74-05890 7-11 5D
stable Rainfall,	i Oli-	W74-12150 7-23 2H	WELLER, G.
	3F	WEISZ, R. N.	Survey of the Seasonal Snow Cover in Alaska,
		A Methodology for Planning Land Use and En-	W74-08179 7-16 2C
WEISE, G.		gineering Alternatives for Floodplain Manage-	m m 1 11 11 11 1 1 1 1 1 1 1 1 1 1 1 1
Detrimental Effects of Toxical Charge		ment,	The Tundra Microclimate During Snow-Melt at
Heavy Metals or Phenol on Submo		W74-10277 7-19 4A	Barrow, Alaska, W74-02095 7-04 2C
Macrophytes (Fontinalis Antipyretica L.) German),), (In	WELBY, C. W.	17-02-055
	5C	Multidisciplinary Application of ERTS-1 Data	WELLES, J. G.
		to North Carolina Natural Resource Manage-	Multinationals Need New Environmental
WEISER, C. J.		ment,	Strategies,
Temperature and Moisture Effects on Ha	rden-	W74-06682 7-13 4C	W74-09071 7-17 6B
ing of Apple Roots,		WELCH, E. B.	WELLINGS, L. W.
W74-10882 7-20	3F	Delayed Recovery of a Mesotrophic Lake	Irrigation as a Practical Means to Control
WEISMAN, R. N.		After Nutrient Diversion,	Potato Common Scab (Streptomyces Scabies):
Evaporation and Cooling of a Lake Unde	r Un-	W74-03560 7-07 5C	
stable Atmospheric Conditions,		Enriching Effects of Urban Runoff on the	W74-12694 7-23 3F
W74-00374 7-01	2D	Productivity of a Mesotrophic Lake,	WELLS, D. M.
WEISS, A.		W74-06080 7-12 5C	Characteristics of Wastes from Southwest Bee
Nuclear Magnetic Resonance Relaxation	Titra.	I T I .b. D D. las das das deside	Cattle Feedlots,
tion,	1 Itia-	Long-Term Lake Recovery Related to Availa- ble Phosphorus,	W74-09694 7-18 5D
	2K	W74-06562 7-13 5C	Recreational Reuse of Municipal Wastewater,
			W74-01103 7-03 5E
WEISS, A. B.		Nutrient Income Change Related to Plankton	
Hand Tremor Induced by Industrial Exp	osure	Algae, W74-04318 7-09 5C	WELLS, D. R.
to Inorganic Mercury,		W74-04318 7-09 5C	beach Equinorium and Second-Order wave
W74-09789 7-18	3 5C	Potential Effects of Thermal Discharges on	Theory, W74-01201 7-03 2F
WEISS, A. O.		Aquatic Systems,	
Systems Engineering Approach,		W74-11107 7-21 5C	WELLS, E. E. JK.
W74-00940 7-02	2 6A	The Relations of Periphytic and Planktonic	Automated Rapid Scan Instrument for Spec
WEICE B		Algal Growth in an Estuary to Hydrographic	troelectrochemistry in the Visible Region,
WEISS, B. Hand Tremor Induced by Industrial Exp	OSUFA	Factors,	W74-01331 7-03 2k
to Inorganic Mercury,	osure	W74-01571 7-03 5C	WELLS, E. S.
	8 5C	WELCH, J. T.	Endogenous Zinc Excretion and 65Zinc
	-	Gradient Analysis of Carbon Monoxide and	Metabolism in Holstein Calves Fed Inter
WEISS, C. M.		Methane in Polluted and Other Nearshore	mediate to High But Nontoxic Zinc Levels in
Algal Response to Getergent Phosphate Le		Habitats,	Practical Diets,
W74-00724 7-02	2 5C	W74-07984 7-15 5A	W74-07954 7-15 50

WELLS, F. C.	WENTZ, D. A.	WESCHLER, L. F.
Water Quality and Waste Assimilative Capacity	Effect of Mine Drainage on the Quality of	The Market Structure of the Southern Califor-
of the Pearl River Below Bogalusa, Louisiana, W74-01922 7-04 5B	Streams in Colorado, 1971-72, W74-09228 7-17 5B	nia Water Industry, W74-10414 7-20 6B
WELLS, G. W.	WENTZ, J.	WESLEY, D. E.
Definition of Reverse Osmosis Pump Require-	Environmental Decision Making,	Effects of Offal Disposal From Animal
ments for Space Vehicle Requirements,	W74-12462 7-23 6G	Processing Plants on Water Quality and
W74-08340 7-16 8C		Aquatic Life of Natural Streams,
Definition of Reverse Osmosis Requirements	WENZEL, H. G.	W74-13053 7-24 5C
for Spacecraft Wash Water Recycling,	Metropolitan Water Intelligence Systems-	WESLEY, R. B.
W74-00320 7-01 5D	Completion Report, Phase III, W74-11457 7-22 5D	Oxygen-Hydrogen Generation and Sewage
West of the	W/4-1143/	Treatment Method and System,
WELLS, J. T. Particle Size Distribution and Small-Scale Bed-	WENZEL, H. G. JR.	W74-12809 7-24 5D
Forms on Sand Waves, Chesapeake Bay En-	Development of a Meter for Measurement of	WESLEY-SMITH, R. N.
trance,	Sewer Flow,	Liveweight Gains of Shorthorn Steers on Na-
W74-12650 7-23 2L	W74-04857 7-10 8B	tive and Improved Pastures at Adelaide River
WELLS, N.	WERENSKIOLD, B. E.	Northern Territory,
Mineralogy of Parent Materials, Topsoils and	Improving Water Economy of a Northern Kraft	W74-07453 7-14 3F
Erosion Products of Taita Experimental Sta-	Bleach Plant,	WESSELIUS, J. C.
tion,	W74-00792 7-02 3E	Influence of Water Stress on Photosynthesis,
W74-00182 7-01 2G		Respiration and Leaf Growth of Zea Mays L.,
WELLS & T	WERETELNIK, J.	W74-11182 7-21 21
WELLS, T. L. Resource Management Implications of ERTS-1	The Usefulness of Biological Tests for Deter- mining the Toxicity of Some Chemical Com-	NUMBER A C
Data to Ohio.	pounds in Waters,	WEST, A. C.
W74-06684 7-13 4A	W74-13097 7-24 5C	Lateral Diffusion Interferences in Flame Atomic Absorption and Emission Spec-
	1.24 30	trometry,
WELLS, W. N.	WERKMAN, R. T.	W74-01342 7-03 2K
Effluent Polishing with a Biological Filter,	Containing and Removing Oil Spills on Water,	
W74-11081 7-21 5D	W74-03670 7-07 3A	WEST, A. S.
Total Oxygen Demand: A New Tool for Waste-	WERNER, C.	Dispersion and Transport of Rhodamine B Dye
water Analysis,	Some New Methods of Topologic Classifica-	and Methoxychlor in Running Water: A
W74-11083 7-21 5D	tion of Channel Networks,	Preliminary Study, W74-00279 7-01 5B
WELSH, J. L.	W74-09221 7-17 8B	117 00217
Ground Water Quality Data for Planning,		WEST, C. M.
Monitoring and Surveillance,	WERNER, F.	Heavy Metal Removal From Wastewater Treat-
W74-06947 7-13 5A	An Improved Core Catcher for the Kiel Box	ment Plant By Chemical Treatment,
	Corer ('Kastenlot'),	W74-11359 7-21 5D
WELTY, J. R.	W74-07159 7-14 7B	WEST, F. G.
Numerical Computation of Momentum Jets and Forced Plumes.	WERNER, H. H.	Preliminary Study of The Quality of Water in
W74-08782 7-17 8B	Contribution to the Mineral Extraction from	The Drainage Area of The Jemez River and Rio
717 02	Supersaturated Geothermal Brines, Salton Sea	Guadalupe,
WEN, J. W.	Area, California,	W74-10658 7-20 5B
Critical Study of the APCD-MIBK Extraction	W74-09040 7-17 2K	WEST, H. M.
System for Atomic Absorption, W74-01329 7-03 5A	WERNIKOWSKA-UKLEJA, A.	Measurement of Unsaturated Hydraulic Con-
W/4-01329 /-03 3A	Research on the Influence of Heavy Metals on	ductivity by the Constant Outflow Method,
WENDER, I.	the Development of Scenedesmus Quadricauda	W74-05675 7-11 2G
Conversion of Urban Refuse to Oil,	(Turp) Breb. Part I Mercury,	WEOM T. M.
W74-00406 7-01 5D	W74-13477 7-24 5C	WEST, I. M.
WENDLER, G.	WERREST W.	Carbonate Cementation of Some Pleistocene Temperate Marine Sediments.
A Technique to Obtain Ice Movement,	WERRELL, W. L. Stream Gaging by Continuous Injection of	W74-00106 7-01 2J
W74-12314 7-23 2C	Tracer Elements,	
	W74-10826 7-20 2E	WEST, J. A.
WENGEL, R. W.	7720 22	The Ultrastructure of an Alloparasitic Red Alga
The Quantity and Movement of Nitrates in Soil	WERSHAW, R. L.	Choreocolax Polysiphoniae,
Water in Two Connecticut Soils Treated with High and Low Levels of Inorganic Nitrogen	Determination of the Association and Dissocia-	W74-05299 7-10 5C
Fertilizer,	tion of Humic Acid Fractions by Small Angle	WEST, J. R.
W74-12595 7-23 5B	X-Ray Scattering,	An Evaluation of Mixing in the Tay Estuary,
	W74-02730 7-06 2K	W74-00384 7-01 2L
WENGERT, N.	WERTZ, D. L.	WEST, L. E.
What Do We Mean by Metropolitan Water Management Institutions.,	Remote Sensing Study of Land Use and Sedi-	Industrial Waste Treatment Opportunities for
W74-04498 7-09 6E	mentation in the Ross Barnett Reservoir,	Reverse Osmosis,
7.00	Jackson, Mississippi, Area,	W74-09635 7-18 5D
WENNER, K.	W74-11963 7-22 4A	WEGE I II
Preparation of Urban Land Use Inventories by	WESCHE, T. A.	WEST, L. H.
Machine-Processing of ERTS MSS Data, W74-06637 7-13 4A	Parameters Influencing Minimum Streamflow,	Cathodic Protection in Congested Areas, W74-04159 7-08 8G
7-13 4A	W74-02119 7-04 2E	7-08 80
WENNERBERG, AM.		WEST, N. E.
Waste Water Impurity Level Affects Floccula-	Parametric Determination of Minimum Stream-	Physical Microclimates of Erosion-Control
tion Efficiency of Polyelectrolytes, W74-04195 7-08 5D	flow for Trout, W74-02670 7-06 8I	Structures in a Salt Desert Area, W74-07029 7-13 2G
W74-04195 7-08 5D	W74-02670 7-06 8I	H 14-01029 1-13 2G

Plant Moisture Stress Patterns in Eurotia lanata	WESTIN, D. T.	Interaction of Yellow Organic Acids with Calci-
and Atriplex confertifolia,	Nitrate and Nitrite Toxicity to Salmonid	um Carbonate in Freshwater,
W74-06497 7-12 2I	Fishes,	W74-00068 7-01 5B
WEST, S. W.	W74-12267 7-23 5C	Productivity Investigations of Interconnected
Disposal of Uranium-Mill Effluent Near	WESTLAKE, W. E.	Marl Lakes (I). The Eight Lakes of the Oliver
Grants, New Mexico,	Aquatic Midge Larvicides, Their Efficacy and	and Walters Chains, Northeastern Indiana,
W74-12552 7-23 5E	Residues in Water, Soil, and Fish in a Warm-	W74-06533 7-13 5C
11 11 1232	Water Lake,	7-13 36
WEST, T. R.	W74-09443 7-18 5G	WEYMAN, D. R.
Application of Multispectral Remote Sensing to		Measurements of the Downslope Flow of
Soil Survey Research in Southeastern Pennsyl-	WESTLY, R. L.	Water in a Soil,
vania,	Basic Water-Quality Data for Pollution Abate-	W74-06886 7-13 2G
W74-06494 7-12 7B	ment Plan, Tampa Bay Area, Florida, W74-02629 7-05 5B	
WEST, T. S.	W 74-02029 7-03 3B	WEZERNAK, C. T.
Atomic Absorption and Fluorescence Spec-	WESTMACOTT, R.	Monitoring Ocean Dumping with ERTS-1 Data,
trometry with a Carbon Filament Atom Reser-	Water Resources Protection Measures in Land	W74-02580 7-05 7B
voir. Part XIV. The Determination of Vanadi-	Development - A Handbook,	Monitoring of Dumping by Means of Satellite
um in Fuel Oils,	W74-12352 7-23 5G	Remote Sensing,
W74-02400 7-05 5A	WESTON E C	W74-00635 7-02 5B
	WESTON, F. C. Identification of Soil Associations in Western	7-02 35
Investigation of Spectral Overlap of the Neon	South Dakota on ERTS-1 Imagery,	WHALIN, R. W.
359.352-nm and Chromium 359.349-nm Spectral	W74-06629 7-13 2G	Study of Beach Widening By the Perched
Lines in Atomic Absorption and Atomic	7-15 20	Beach Concept, Santa Monica Bay, California,
Fluorescence Spectrometry of Chromium,	WESTOO, G.	W74-04603 7-09 8E
W74-01337 7-03 2K	Methylmercury as Percentage of Total Mercury	
WESTENDORF, W. H.	in Flesh and Viscera of Salmon and Sea Trout	Study of Beach Widening by the Perched
Annual Environmental Monitoring Report:	of Various Ages,	Beach Concept Santa Monica Bay, California
Calendar Year 1973.	W74-00079 7-01 5C	Hydraulic Model Investigation,
W74-13429 7-24 5B	WESTPHAL, J. A.	W74-05039 7-10 8E
	Reconnaissance Analysis of Effects of Waste-	WHALLY, W. B.
Environmental Monitoring Report: January-	Water Discharge on the Shallow Ground-Water	A Scanning Electron Microscope Study of Sur-
June 1972,	Flow System, Lower Las Vegas Valley,	face Textures of Quartz Grains from Glacia
W74-09861 7-19 5A	Nevada,	Environments,
Interim Environmental Monitoring Report:	W74-00748 7-02 5B	W74-07331 7-14 2
January-June 1973,		
W74-04174 7-08 5A	WESTPHAL, R. L.	WHANGER, P. D.
W/4-041/4 /-00 JA	Analysis of the Benthic Macroinvertebrate	Tissue Sulfhydryl Groups in Selenium-Defi
WESTERBY, R. J.	Community Structure for Assessment of Water	cient Rats and Lambs,
Determination of Meleic Hydrazide Residues in	Quality of Des Moines River,	W74-07952 7-15 5E
Tobacco and Vegetables,	W74-03210 7-07 5C	WHEATO B B
W74-01418 7-03 5A	WESTPHAL, W. H.	WHEALS, B. B.
WESTERNAME OF B	Energy Shortage Stimulates Geothermal Ex-	The Use of Pressure-Assisted Liquid Chro
WESTERHOFF, G. P.	ploration,	matography in the Separation of Polynuclea Hydrocarbons,
Water-Treatment-Plant Wastes Disposal-Part 1, W74-13284 7-24 5F	W74-10851 7-20 4B	W74-00256 7-01 5A
W /4-13264 /-24 3F	wealth a se	1-01 32
WESTERMAN, A.	WESWIG, P. H.	WHEATSTONE, K. C.
Sensitivity of Vertebrate Embryos to Heavy	Tissue Sulfhydryl Groups in Selenium-Defi- cient Rats and Lambs,	The Determination of Phenols in Aqueous Ef
Metals as a Criterion of Water Quality-Phase I,	W74-07952 7-15 5B	fluents,
W74-07715 7-15 5C	W 14-0/932 1-13 3B	W74-02417 7-05 5/
	WETH, G. G.	
WESTERMAN, R. L.	Operation of the 16-Stage MSF Pilot Plant-	WHEELER, R. J.
Priming Effect of N-15 Labeled Fertilizers on	1969-1970,	Water Resource and Hazard Planning Repor
Soil Nitrogen in Field Experiments,	W74-11631 7-22 3A	for the Clark Fork River Valley above Missou
W74-11279 7-21 5B	W. P. S.	la, Missoula County, Montana,
Recovery of N15-Labeled Fertilizers in Field	WETHERBEE, T. J. Benthic Dredge Construction,	W74-12360 7-23 61
Experiments.	W74-03022 7-06 8C	WHEELER, V. A.
W74-08315 7-16 5B	W 74-03022	Analysis of Organic Materials in Wastewate
	WETHERILL, C. R.	Effluents After Chlorination,
Residual Effects of N15-Labeled Fertilizers in	Soil Systems For Municipal Effluents - A	W74-03081 7-06 5/
a Field Study,	Workshop and Selected References,	
W74-11276 7-21 3F	W74-11924 7-22 5D	WHEELER, W. B.
WESTERMARK, T.	WETLAUFER, P. H.	Biodegradation of Mirex By Sewage Sludge Or
The Avifauna of Sweden as Indicators of En-	Structural Geological Analysis of Nevada	ganisms,
vironmental Contamination with Mercury and	Using ERTS-1 Images: A Preliminary Report,	W74-11345 7-21 51
Chlorinated Hydrocarbons,	W74-01709 7-04 7C	WHEELOCK I V
W74-11367 7-21 5B		WHEELOCK, J. V. Pesticides in Effluents and Polluted Rive
	WETZEL, R. G.	
Mercury Content in Feathers of Swedish Birds	Coprecipitation of Phosphate with Carbonates	Water, W74-06130 7-12 5/
from the Past 100 Years,	in a Marl Lake,	7-12 37
W74-11382 7-21 5A	W74-01843 7-04 2H	WHELAN, B. J.
WESTFALL, T. R.	Effects of Artificial Aeration on the Chemistry	An Economic Evaluation of Irish Salmon Fish
Screening Aerator Concentrator,	and Algae of Two Michigan Lakes,	ing. I: The Visiting Anglers,
W74-04712 7-09 5D	W74-00048 7-01 5C	W74-12796 7-24 6

WHICKER, F. W.

WHICKER, F. W.	WHITACRE, R. M.	Water-Leachable Nutrients from Frozen or
Project Rio Blanco: Prompt Ecological Effects	Determination on Nevada's Attitude Toward	Dried Prairie Vegetation,
Resulting From Ground Motion,	Water Resources Research,	W74-05696 7-11 5B
W74-09831 7-19 5C	W74-12371 7-23 6B	Wind Erosion as a Factor in Soil Formation in
WHIFFIN, A. C.	WHITAKER, L. B.	the Pierre-Shale Landscape of Western South
Drainage of Level or Nearly Level Roads,	Prescribed Burning Rotations on Pine-Bluestem	Dakota,
W74-10660 7-20 4C	Range,	W74-03781 7-08 2J
W 74-10000	W74-02944 7-06 4A	
WHINSTON, A.		WHITE, E. R.
Application of a Large Scale Nonlinear Pro-	WHITAKER, N. R.	Thermal and Base-Catalyzed Hydrolysis
gramming Problem to Pollution Control,	Water Aeration Equipment,	Products of the Systemic Fungicide, Benomyl,
W74-07461 7-14 5D	W74-11047 7-21 5D	W74-01504 7-03 5B
Application of Norlinear Processing to	WHITBY, K. T.	WHITE, F. A.
Application of Nonlinear Programming to	Comparison of Volume and Mass Distribution	Mass Spectrometry and Inhomogeneous Ion
Water Quality Control,	for Denver Aerosols.	Optics,
W74-07462 7-14 5D	W74-10968 7-21 5B	W74-04475 7-09 5A
Production Function Theory and the Optimal		
Design of Waste Treatment Facilities,	Physical Characterization of California	WHITE, G. C.
W74-06997 7-13 6D	Aerosols,	Disinfection Practices in the San Francisco Bay
	W74-10954 7-21 5A	Area,
Production Function Theory for Use in Optimal	WHITE, A. W.	W74-10350 7-19 5D
Planning Decisions,	Nitrate in Surface and Subsurface Flow from a	WHITE C P
W74-07460 7-14 5D	Small Agricultural Watershed,	WHITE, G. F.
WHINGTON A B	W74-02150 7-04 5B	The Changing Role of Water in Arid Lands,
WHINSTON, A. B.	W/4-02130	W74-06466 7-12 6B
Application of Multigoal Water Quality	WHITE, C. G. C.	Man-Made Lakes: Their Problems and En-
Planning Model,	Tritium Intake in New York,	vironmental Effects,
W74-05384 7-10 5D	W74-02023 7-04 5B	W74-08747 7-17 4A
Application of Statistical Techniques to the		177 41
Selection of an Optimal Pollution Treatment	WHITE, C. M.	Obstacles to Consideration of Resources
Program,	An Electronic Sensor and Circuit for Auto-	Management Alternatives: South Asian Ex-
W74-11570 7-22 5D	matic Operation of Rainfall Shelters,	perience,
	W74-00042 7-01 7B	W74-00208 7-01 10A
Multigoal Water Quality Planning Model,	WHITE, C. R.	
W74-02678 7-06 5B	Meeting Water Demands in the Chino-River-	Role of Geography in Water Resources
	side Area,	Management,
A Regional Planning Model for Water Quality	W74-09076 7-17 6D	W74-13062 7-24 6B
Control,	W/4-030/0 /-1/ 0D	WHITE, I.
W74-05390 7-10 5B	WHITE, D. A.	
B 48 4'- '- N G F	Seasonal Variations in Residues of Chlorinated	Surface Properties of Water, W74-11640 7-22 2K
Resource Allocation in a Non-Convex Econo-	Hydrocarbon Pesticides in the Water of the	W74-11640 7-22 2K
my,	Utah Lake Drainage System: 1970 and 1971	WHITE, J. E.
W74-01829 7-04 6B	W74-01780 7-04 5B	Treatment of Packinghouse Wastes by Anaero-
WHIPPLE, W.		bic Lagoons and Plastic-Media Filters,
Unrecorded Pollution from Urban Runoff,	WHITE, D. B.	W74-11797 7-22 5D
W74-12523 7-23 5G	A Manual of Flatfish Rearing,	17-22 30
W 14-12525 1-23 50	W74-12075 7-23 8I	WHITE, J. G.
WHIPPLE, W. JR.	0 11 0 1 1 1 1	Comparative Ecosystems Studies,
Environmental Quality and its Evaluation,	Sea Water System For Aquaculture of	W74-11585 7-22 6G
W74-07533 7-14 5G	Estuarine Organisms at The Skidaway Institute	
7-14 50	or occanography,	WHITE, M. D.
Institutional Problems in the Water Resources	W74-10670 7-20 5D	Reasonable State Regulation of the Interstate
Field,	WHITE, D. E.	Transfer of Percolating Water,
W74-03183 7-06 6B		W74-04980 7-10 4A
	Springs, Nevada,	
Mobile Oxygen Dispersion Craft,	W74-12651 7-23 2K	WHITE, M. N.
W74-01232 7-03 5G		Arsenic Content of Fish from New York State
	Geochemical Indicators of Subsurface Tem-	Waters,
Process and Apparatus for the Purification of a	perature-rait i, basic Assumptions,	W74-01900 7-04 5C
Natural Body of Water,	W74-09914 7-19 2K	WHITE, P. E.
W74-08019 7-15 5D		Water Quality Parameter Measurement Using
Unrecorded Pollution and Dynamics of	Silica-Carbonate Alteration of Serpentine: Wall	Spectral Signatures,
Biochemical Oxygen Demand,	Rock Antiquon in Mercury Deposits of the	W74-11230 7-21 5A
W74-06613 7-13 5E	California Coast Ranges, W74-00304 7-01 2K	/-21 JA
7-13 36	W/4-00304 /-01 2K	WHITE, P. G.
WHIRLOW, D. K.	WHITE, D. H.	Development and Flight Test of the Multichan-
Le (Leading Edge) Flowmeter A Unique		nel Ocean Color Sensor (MOCS),
Device for Open Channel Discharge Measure		W74-05026 7-10 7B
ment,	W74-07409 7-14 5D	
W74-11533 7-22 7E		WHITE, R. A.
	WHITE, E. M.	Research on Composite Hollow Tubules,
WHISLER, F. D.	Plant Nutrient Concentrations in Runoff from	W74-00315 7-01 3A
The Numerical Analysis of Flow in		B
Heterogeneous Porous Media,	in Eastern South Dakota,	Research on Composite Hollow Tubulets,
W74-12828 7.24 2C	W /4-11/154 7.05 5B	W74_00317 7_01 3A

matography in the Separation of Polynuclear Hydrocarbons,

7-01 5A

W74-00256

WHITE, R. K.	WHITEHURST, C. A.	WHITNEY, P. J.
Automated Handling and Treatment of Swine	A Parametric Study of Water Resource Varia-	The Carbohydrate and Water Balance of Beans
Wastes,	bles in a Delta Region of South Loui-	(Vicia faba) Attacked by Broomrape
W74-09690 7-18 5D	sianaBayou Lafourche Volume I - Technical	(Orobanche crenata),
to the Breeds Senten for Lineatech	Discussion, Volume II - Appendices,	W74-01575 7-03 3F
Automated Recycle System for Livestock Waste Treatment,	W74-08289 7-16 5B	WHITSON, W. F.
W74-10156 7-19 5D	WHITELEATHER, R. T.	Seasonal Variations of Coastal Currents Off
W/4-10130	State-Federal Management Initiative,	the Oregon - Northern California Coast,
Beef Barnlot Runoff and Stream Water Quali-	W74-05659 7-11 6E	W74-00037 7-01 2L
ty,		WHITTAVED D N
W74-09681 7-18 5B	WHITELEY, H. R.	WHITTAKER, B. N. Rock Cutting by Impact Action,
Flushing Systems for Free-Stall Dairy Barns,	Calculation of Evaporation from Measurements of Soil Water and the Soil Water Charac-	W74-10847 7-20 8C
W74-10309 7-19 5D	teristic.	7-20 60
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	W74-10758 7-20 2D	WHITTEMORE, R. C.
Quality of Drainage Water From a Heavy-Tex-		An Evaluation of the Adsorptive Properties of
tured Soil,	WHITEMAN, C. D.	Fly Ash and Bark-Derived Activated Char,
W74-08088 7-15 5B	Some Climatological Characteristics of Seeda-	W74-08435 7-16 5D
Quality of Drainage Water from a Heavy-Tex-	ble Upslope Cloud Systems in the High Plains, W74-07929 7-15 3B	Pilot Plant Studies of Turbidity and Residual
tured Soil,	W/4-0/727 /-13 3B	Cell Material Removal from Mill Effluents by
W74-10346 7-19 5B	WHITESIDES, D. V.	Granular Media Filtration,
	Effects of Pumping from the Ohio River Valley	W74-11088 7-21 5D
WHITE, R. R. W. E.	Alluvium Between Carrollton and Ghent, Ken-	Preliminary Laboratory Studies of the
Management Information in the Water Indus-	tucky,	Decolorization and Bactericidal Properties of
try, W74-12111 7-23 4A	W74-04155 7-08 4B	Ozone in Pulp and Paper Mill Effluents,
W/4-12111 /-23 4A	WHITFIELD, M.	W74-11089 7-21 5D
WHITE, R. S.	The Ion-Association Model and the Buffer	
Transpiration of Atriplex confertifolia and Eu-	Capacity of the Carbon Dioxide System in Sea-	WHITTEN, C. B.
rotia lanata in Relation to Soil, Plant and At-	water at 25 C and 1 Atmosphere Total Pres-	Interaction of Bulk Precipitation, Stream
mospheric Moisture Stresses,	sure,	Water, and Sewage in a Small Watershed Near Oxford, Mississippi,
W74-01990 7-04 2D	W74-09895 7-19 2K	W74-00005 7-01 2A
WHITE, W. B.	WHITFIELD, M. S. JR.	7-01 27
Eastern Intensification of Ocean Spin-Down:	Availability of Ground Water in the Winnsboro	WHITTINGTON, G. W.
Application to El Nino,	Area. Louisiana.	Mean Rainfall and Mean Runoff in South
W74-11894 7-22 2E	W74-04596 7-09 4B	Africa; an Investigation into Phase Differences,
, 22 22	7.07	W74-02909 7-06 2A
WHITE, W. F.	WHITFIELD, P. H.	WHITTLE, G. P.
Microwave and Spectra of Some Sulfur and	Some Particulate and Soluble Agents Affecting	Permeability Restoration in Underground
Nitrogen Compounds,	the Relationship Between Metal Toxicity and	Disposal Reservoirs,
W74-10683 7-20 5A	Organism Survival in the Calanoid Copepod	W74-00554 7-02 5E
WHITE, W. R.	Euchaeta Japonica, W74-12250 7-23 5C	HILLIAND B. A.
Devices for the Pre-Dilution of Sewage at Sub-	17712230	WHITTON, B. A.
merged Outfalls,	WHITFIELD, W. K. JR.	Arrangement and Structure of Thylakoids, W74-12565 7-23 5C
W74-13450 7-24 5D	Construction and Rehabilitation of Commercial	W 14-12363 1-23 3C
A Makanakal Madal for the Ambala of	Oyster Reefs in Florida from 1949 Through	Freshwater Plankton,
A Mathematical Model for the Analysis of	1971 with Emphasis on Economic Impact in	W74-12579 7-23 5C
River Diversions, W74-10320 7-19 8B	Franklin County,	
7-19 8B	W74-12776 7-24 8I	Interactions with Other Organisms,
Sediment Transport: New Approach and Anal-	WHITFORD, P. W.	W74-12582 7-23 5C
ysis,	Economic Analysis and Municipal Water	Notes on Isolation and Laboratory Culture. Ap-
W74-01279 7-03 2J	Supply in Developing Countries,	pendix B,
WHITEHEAD, C. M.	W74-00190 7-01 10A	W74-12589 7-23 5C
Environmental Legislation and the Air Force,	WHITLOW, S. H.	WHITTOW, G. C.
W74-10768 7-20 5G	Focal on the PDP-9 Computer,	Body Heat Dissipation and Conservation in
1-20 30	W74-05151 7-10 7C	Two Species of Dolphins,
WHITEHEAD, R. L.		W74-04240 7-08 5C
A Ground-Water Monitoring Network for	WHITNEY, B. F.	
Kootenai Flats, Northern Idaho,	Determining Formation Water Resistivity from	WHITWORTH, W. R.
W74-07662 7-15 7A	Chemical Analysis.	Effects of Simultaneous Variations of Diel Changes of Temperature, Dissolved Oxygen,
WHITEHEAD, W. R.	W74-04145 7-08 2K	Salinity, and a Pollutant on the Growth of
Saline Aquifers-Future Storage Reservoirs for	WHITNEY, D.	White Catfish.
Fresh Water,	Functional Water and Sewer Report,	W74-12524 7-23 5C
W74-03224 7-07 5E	W74-03122 7-06 3D	
The Steenes World of Minch District		WHORTON, R.
The Strange World of Miscible Displacement,	WHITNEY, E. W.	A Socio-Economic Evaluation of Users of a
W74-10664 7-20 5B	Monitoring 2,4-D Residues at Loxahatchee Na-	Water-Based Urban Tourist Attraction: San
WHITEHOUSE, M. J.	tional Wildlife Refuge, W74-13326 7-24 5A	Antonio, Texas, W74-12755 7-24 6B
The Use of Pressure-Assisted Liquid Chro-	1-24 JA	,-24 OB

Toxicity of the Herbicide Kuron (Silvex) to
Bluegill Eggs and Fry,
W74-03279

7-07

WIANT, H. V. JR.
Bleaching Effluer
W74-00787

Bleaching Effluent for Irrigation,

WICHARD, W.

WICHARD, W. Trichoptera in the Reservation Area Heiliges	Mixing Processes, W74-04327 7-09 5B	WIERZBICKA, M. Distribution of Cyclopoida Copepodites in the
Meer in Westphalia,	111 01327	Resting Stage in Bottom Sediments of Astatic
W74-07997 7-15 2I	Shores and Shore Processes,	Reservoirs,
***************************************	W74-04339 7-09 2L	W74-12236 7-23 2H
WICHMAN, A.		
Measures Against Water Pollution in Mechani-	The Solitary Wave,	WIESE, J.
cal Pulp and Paper Mills,	W74-04326 7-09 8B	Salmon Roe Becomes Important Fisheries
W74-05273 7-10 5D		Product,
	Waves Generated by Horizontal Motion of a	W74-01836 7-04 6C
WICK, W. Q.	Wall,	WIEGE W
Estuaries Under Attack,	W74-04760 7-09 8B	WIESE, W.
W74-04033 7-08 6G	W i- Ctli W	Influence of Soil Moisture Conditions on
A T ank At the Constal Tone	Waves in Shoaling Water,	Growth and Development of the Potato
A Look At the Coastal Zone,	W74-04338 7-09 8B	Solanum tuberosum L.,
W74-12757 7-24 6B	WITH CHOWSELL C. C.	W74-04687 7-09 3F
WICKSTROM, C. E.	WIELCHOWSKY, C. C.	WITH CALLER BY BY
Thermophilic Ostracod: Aquatic Metazoan with	Aerial Remote Sensing of Carbonate Terranes	WIESNET, D. R.
the Highest Known Temperature Tolerance,	in Shelby County, Alabama,	Evaluation of ERTS Data for Certain
W74-01327 7-03 5C	W74-02467 7-05 7B	Hydrological Uses,
W 14-01321 1-03 SC	WIELEMANED W.C.	W74-09230 7-17 2C
WIDMER, H.	WIELEMAKER, W. G.	WIETNO B E
Closed Water Circulation System in a Paper	Buffer Intensities and Equilibrium pH of	WIETING, P. E.
and Paperboard Mill (Geschlossener Wasser-	Minerals and Soils: II. Theoretical and Actual	Application and Operation of Sludge Incinera-
kreislauf in einer Papier-und Kartonfabrik),	pH of Minerals and Soils,	tion,
W74-05281 7-10 5D	W74-06905 7-13 2G	W74-02849 7-06 5E
W 74-03261 7-10 3D		WIGGERS I M
WIDMER, O.	Buffer Intensities and Equilibrium pH of	WIGGERT, J. M.
Closed Water Circulation System in a Paper	Minerals and Soils: 1. The Contribution of	Reverse Flow Routing by the Implicit Method,
and Paperboard Mill (Geschlossener Wasser-	Minerals and Aqueous Carbonate to pH Buffer-	W74-09886 7-19 2E
kreislauf in einer Papier-und Kartonfabrik),	ing,	
W74-05281 7-10 5D	W74-06904 7-13 2G	WIGHT, J.
W 74-03261 7-10 3D		Metaperiodate - A New Structure-Specific
WIEBE, H. H.	WIEN, R. G.	Locating Reagent for Phenolic Compounds,
Influence of Hydrogen Fluoride Fumigation on	Gas Chromatography of Substituted Phenylu-	W74-05439 7-11 5A
the Water Economy of Soybean Plants,	reas by Flash-Heater Methylation with	
W74-05838 7-11 3F	Trimethylanilinium Hydroxide,	WIGHT, W. W.
W 74-03030 7-11 31	W74-05480 7-11 5A	Development of Large Spiral Membrane
WIECHMANN, H.		Reverse Osmosis Elements for Low-Cost
The Influence of the Eutrophic Process of	WIENER, A.	Water Purification and Reclamation,
Waters by Eroded Soil Material, (In German),	Water Resources Development Policies and	W74-08338 7-16 3A
W74-11207 7-21 5C	Transfer of Knowledge from Developed to	
W/4-1120/	Developing Countries,	Development of Second Generation Spiral
WIECLAWSKI, F.	W74-00206 7-01 10A	Membrane Reverse Osmosis Elements,
Investigations on the Changes in the Content of	701 1011	W74-01910 7-04 3A
Heavy Metals in Lake Waters of the Masurian	WIER, C. E.	
Lake District,	Sandstone Aquifers in Eastern Sullivan Coun-	Further Developments of Water Desalination
W74-01221 7-03 5B	ty, Indiana,	Systems Based on Large Spiral-Wound
117701221	W74-07401 7-14 4B	Reverse Osmosis Membrane Elements,
WIEDEMANN, H. U.	W/4-0/401 /-14 4B	W74-01937 7-04 3A
Application of Red-Lead to the Detection of	WIER, C. W.	WINDSERSON I AN
Dissolved Sulfide in Waterlogged Soils,	Fracture Mapping and Strip Mine Inventory in	WIGHTMAN, J. M.
W74-13161 7-24 2G	the Midwest by Using ERTS-1 Imagery,	Detection, Mapping and Estimation of Rate
	W74-02571 7-05 7B	Spread of Grass Fires from Southern African
WIEDERHOLM, T.	11-025/1 /-U3 /B	ERTS-1 Imagery,
Bottom Fauna as an Indicator of Water Quality	WIER, W.	W74-02576 7-05 7B
in Sweden's Large Lakes (Lakes Malaren, Vat-	Probabilities of Wave Characteristics in the	WATER A
tern and Vanern),	Surf Zone,	WIJERS, L.
W74-01531 7-03 5B	W74-00018 7-01 2H	The Zuiderzee Works Within the Frame of
	H /0016 /-01 2H	Physical Planning,
WIEGAND, C. J. W.	WIERENGA, P. J.	W74-05001 7-10 4A
Pyrolysis as a Method of Disposal of Cattle	A Multichannel Syringe Pump for Steady State	WIPPY A
Feedlot Wastes,	Flow in Soil Columns,	WIKEY, A.
W74-09673 7-18 5D		Water Treatment Apparatus,
	W74-07028 7-13 2G	W74-07196 7-14 5D
WIEGAND, C. L.	WIERSMA, J. H.	WIKDE D
Reflectance of Vegetation, Soil, and Water,	Determination of Nitrite and Nitrate Ions in	WIKRE, D.
W74-10252 7-19 7B		Ground Water Pollution Problems in Min-
		nesota,
WIEGAND, J. F.	Diamines as Reagents,	W74-00570 7-02 5B
Evaluation of the Groundwater Resource in the	W74-09809 7-19 5A	WILANDED A
Upper Skunk River Basin,	WIERSMA, J. L.	WILANDER, A. A Study on the Fractionation of Organic Matter
W74-11616 7-22 6B		
	The Role of Rainfall Impact in Soil Detachment	in Natural Water by Ultrafiltration Techniques,
Future Water Supply Requirements and Alter-	and Transport,	W74-11187 7-21 2K
native Sources of Supply at Ames,	W74-02769 7-06 2J	

South Dakota Standards for Construction of Ir-

rigation Wells in Shallow Unconsolidated Glacial Sediments,

WILBUR, P. F.

7-15 8A

Stave Tankage, W74-10178

Low Temperature Extended Aeration Through

the use of a Floating Tube Settler and Wood

7-19 5D

W74-11617

WIEGEL, R. L.

W74-03680

Diffraction of Wind Generated Water Waves,

7-22 6B

7-07 8B

W74-07896

WILBUR, R. L.

Improving Reverse Osmosis Performance with WILKIALIS, J.

Toxicity of the Herbicide Kuron (Bluegill Eggs and Fry,	(Silvex) to	branes,	I Mem-	an and Bialystok Regions and the Pomerania
W74-03279	7-07 5C		-05 5D	Lake District,
WILCE, R. T.		A Mathematical Model for Optimiz	ing the	W74-07542 7-14 5
Sublittoral Benthic Marine Algae of	Southern	Design of Reverse Osmosis Systems,		WILKINS, D. E.
Cape Cod and Adjacent Island		W74-05276 7	-10 5D	Deep Plowing - An Engineering Appraisal,
dolithoderma Paradoxum Sp	. Nov.	Treatment of Sulfite Evaporator Cene	donnatas	W74-06590 7-13 3
(Ralfsiaceae, Ectocarpales),		for Recovery of Volatile Components,	uensates	WILKINS, E. M.
W74-01350	7-03 5A		-17 5D	Environmental Impact Study for Expansion
WILCOX, E. A.				the Village Creek Sewage Treatment Plant,
Activated Sludge Process Using Pure	Oxygen,	Treatment of Sulfite Evaporator Con-	densates	W74-01035 7-02 5
W74-11799	7-22 5D	for Recovery of Volatile Components, W74-02281 7	-05 5D	WILKINS, J. R.
Oxygen Activated Sludge Wastewa	ter Treet	W /4-02261	-03 30	The Chemical/Physical and Microbiologic
ment Systems: Design Criteria and		WILEY, M. E.		Characteristics of Typical Bath and Laund
Experience,	Operating	Absorption of Mercuric Cation by Ta	nnins in	Waste Waters,
W74-03496	7-07 5D	Agricultural Residues, W74-08314 7	-16 5G	W74-07663 7-15 5
WH CON W P IP		W 74-06314	-10 30	Domestic Wash Water Reclamation For Reu
WILCOX, K. R. JR. Mercury Levels in a Sample of Mi	abiasa Da	WILEY, M. L.		as Commode Water Supply Using a Filtration
sidents.	chigan Ke-	Fishes of the Chesapeake Bay,		Reverse Osmosis Separation Technique,
W74-06782	7-13 5B	W74-00916 7	-02 2L	W74-10478 7-20 5
		WILFORD, R. A.		WILKINS, R. M.
WILCOX, L. C.		Tapping, Disinfection, and Inspection	of Water	Wood Waste Reuse in Controlled Relea
A Systems Analysis of Water Qual	lity Survey	Mains,		Pesticides,
Design, W74-07310	7-14 5B	W74-05011	7-10 5F	W74-05286 7-10
W 74-07310	7-14 36	WILHM, J.		WILKINSON, B. K.
WILD, H. E. JR.		Effect of Phenol on Oxygen Uptake R	tate of a	Toxic Materials Information Center,
Nitrification and Denitrification Faci		Laboratory Population of Chironor		W74-12035 7-23 10
W74-06274	7-12 5D	tenuatus (Walk.),		
Nitrification and Denitrification	Facilities	W74-03872	7-08 5C	WILKINSON, D. L. Free Surface Slopes at Controls in Chang
Wastewater Treatment.	i delinico.	WILKE, K. R.		Flow.
W74-12560	7-23 5D	Appraisal of the Quality of Ground	Water in	W74-11888 7-22
		the Helena Valley, Montana,		
WILD, J. R. Effect of Helium Gas at Elevated I	Draceure on		7-12 2F	WILKINSON, J. J.
Iron Transport and Growth of Esche		WILKE		Practical Approach to Water Conservation in Paper Mill,
W74-04897	7-10 5C	WILKE, O. Improved Installation of Microtube Dr.	in Irripa.	W74-06387 7-12
		tion Emitters,	d mine	
WILDING, L. P.	91 97-1a	W74-10741	7-20 3F	WILKINSON, R. R.
Elemental Variability Within a Samp W74-07598	7-14 2K	WILLE O C		Definition of Critical Coastal Areas and A proaches to Standards for Management,
₩ /4-0/398	7-14 2K	WILKE, O. C. Theoretical Irrigation Tailwater Volume	00	W74-08532 7-16
WILDISH, D. J.			7-12 3F	
Biological Effects of Fenitrothion in	the Diet of			WILKINSON, W. B.
Brook Trout, W74-06169	7-12 5C	WILKEN, G. C.	- 1 F	Artificial Recharge in United Kingdom w Special Reference to London Basin,
W /4-06169	1-12 3C	Microclimate Management by Tradition	onal rar-	W74-03225 7-07
Lethal Response by Atlantic Salm	on Parr. to	mers, W74-05452	7-11 3F	
Some Polyoxyethylated Cationic an	d Nonionic	W 74-03432	31	Regional Development of Groundwa
Surfactants,		WILKEN, P. H.		Resources in Combination with Surfa Waters.
W74-11481	7-22 5C	New Membrane Compositions for Des	alination	W74-11464 7-22
WILDUNG, D. K.		of Water by Reverse Osmosis, W74-00158	7-01 3A	
Temperature and Moisture Effects	on Harden-	W 74-00130	-01 3/1	WILLARDSON, L. S.
ing of Apple Roots,		WILKENING, E. A.		Drain Installation for Nitrate Reduction, W74-00398 7-01
W74-10882	7-20 3F	Quality of Life in Kickapoo Valley C	ommuni-	W /4-00398
WILDUNG, R. E.		ties, W74-09068	7-17 6B	A Flow Path Ground Water Sampler,
Environmental Chemistry,		W /4-09068	/-1/ OD	W74-03126 7-06
W74-09235	7-17 5B	WILKENS, H.		Tensiometer Use in Shallow Ground-Wa
The Pharakana Status of Eutra	mbia I aba	Studies on the Occurrence of Plankton		Studies,
The Phosphorus Status of Eutro Sediments as Related to Changes in		toria in Urban Waters and Their Relation	onship to	W74-06343 7-12
cal ConditionsTotal, Inorganic a		Saprobism. (in German), W74-08111	7-15 2I	WILLCOX, W. R.
Phosphorus,		77-0011	7-13 21	Identification of Bacteria by Comput
W74-11131	7-21 5C		4 1 12:-	General Aspects and Perspectives,
WILEN D.O.		Phosphorus Removal By Chemical	Addition	W74-04909 7-10
WILEN, B. O. A Reliable and Inexpensive Soil Fro	st Gage	Using Primary Treatment, W74-08849	7-17 5D	Identification of Bacteria by Comput
W74-01574	7-03 2G	17 / 4-00042	,-17 30	Identification of Reference Strains,
		WILKES, D.		W74-04910 7-10
WILEY, A. J.		Legal Factors in Econometric Mod		
Fractional Inplant Treatment of Re- by Advanced Techniques,	cycle Flows	Local Floodplain Management Device Connecticut River Basin,	es in the	Identification of Bacteria by Computer: The and Programming.
W74-12414	7-23 SD		7-07 6F	W74-04791 7-09

WILLEKE, G. E.

WILLEKE, G. E. Georgia's Water Problems and Related	WILLIAMS, D. C. Remote Sensing Study of Land Use and Sedi-	WILLIAMS, J. A. Evaluation of Methods of Pumping Test
Research Needs, W74-00004 7-01 6B	mentation in the Ross Barnett Reservoir, Jackson, Mississippi, Area,	Analyses for Application to Hawaiian Aquifers, W74-07531 7-14 5C
Social and Economic Impact on Urban Areas	W74-11963 7-22 4A	WILLIAMS, J. A. AND
of 'Water Policies for the Future,' the National	WILLIAMS, D. C. JR.	The Response to Tidal Fluctuations of a Leaky
Water Commission Report,	Cost of Developing Ground Water in the Pat	Aquifer System,
W74-03177 7-06 6B	Harrison Waterway District, Mississippi,	W74-04308 7-09 2F
WILLEKE, K.	W74-10530 7-20 4B	WILLIAMS, J. C.
Comparison of Volume and Mass Distribution	A Treatise on Centralized Management of	Mussel Fishery Investigations, Tennessee,
for Denver Aerosols, W74-10968 7-21 5B	Water Resources,	Ohio, and Green Rivers, W74-07187 7-14 8I
W74-10968 7-21 5B	W74-05030 7-10 6E	W/4-0/16/ /-14 61
Physical Characterization of California	The Water Resources Council's Proposed Prin-	WILLIAMS, J. D. H.
Aerosols, W74-10954 7-21 5A	ciples and StandardsAn Economic Comment,	Effects of Sediment Diagenesis and Regenera- tion of Phosphorus with Special Reference to
	W74-12794 7-24 6C	Lakes Erie and Ontario,
WILLETT, G. S. The Economics of Short-Season Cotton	WILLIAMS, D. J. A.	W74-01806 7-04 5C
Production in Arizona,	Anomalous Transmission of Water Through	WILLIAMS, J. L.
W74-03928 7-08 3F	Certain Peats, W74-13014 7-24 2F	Optimization of Industrial Systems with the
WILLEY, B. F.	W /4-13014 /-24 2F	Separable Programming and the Generalized Reduced Gradient Methods,
Identification and Incidence of Klebsiella in	An Evaluation of Mixing in the Tay Estuary,	W74-02213 7-05 5G
Chlorinated Water Supplies,	W74-00384 7-01 2L	
W74-03294 7-07 5A	WILLIAMS, D. L.	Regional Water Quality Management by the Generalized Reduced Gradient Method,
WILLEY, C. R.	Identification of Winter Wheat from ERTS-1	W74-07311 7-14 5B
Evaluation of Swine Waste Treatment Alterna-	Imagery,	
tives, W74-09691 7-18 5D	W74-01665 7-04 3F	WILLIAMS, J. O. Water-Resources Planning,
	WILLIAMS, D. T.	W74-02843 7-06 6B
Use of Waste Heat for Soil Warming in North	Dibutyl- and Di-(2-Ethylhexyl)Phthalate in	WHILIAMS I B
Carolina, W74-07000 7-13 5D	Fish, W74-03590 7-07 5A	WILLIAMS, J. R. Hymo: Problem-Oriented Computer Language
	W/4-03390 /-0/ 3A	for Hydrologic ModelingUsers Manual,
WILLEY, R. E. Hydrologic Data of the Neponset and	WILLIAMS, E.	W74-02469 7-05 2A
Weymouth River Basins, Massachusetts,	Glass Transition with Negative Change in Ex-	Water Resources of the Taunton River Basin
W74-09945 7-19 4A	pansion Coefficient, W74-03741 7-07 1B	Southeastern Massachusetts,
Water Resources of the Taunton River Basin		W74-07190 7-14 7C
Southeastern Massachusetts,	WILLIAMS, E. H. JR. Isoglaridacris agminis sp. n. (Cestoda:	WILLIAMS, J. R. AND
W74-07190 7-14 7C	Caryophyllaeidae) from the Lake Chubsucker,	Groundwater Investigations in Permafrost Re-
WILLHITE, G. P.	Erimyzon sucetta (Lacepede),	gions of North America: A Review, W74-04391 7-09 2F
Disposal of Heated Water Through Ground-	W74-03097 7-06 2I	
water Systems - Vol. I: Technical and Economic Feasibility,	WILLIAMS, E. R.	WILLIAMS, J. S.
W74-12753 7-24 5B	The State of the System (SOS) Model: Measur-	Agricultural Impacts, W74-06445 7-12 3B
Discord of Wasted Water Though Council	ing Growth Limitations Using Geological Con-	
Disposal of Heated Water Through Ground- water Systems, Volume II, User's Manual Nu-	cepts, W74-07958 7-15 6G	Experimental Development of Potable Water Supply for New South Pole Station,
merical Simulation of Fluid Flow and Heat		W74-13197 7-24 4B
Transfer in Groundwater Systems,	WILLIAMS, F. W. Carbon-Monoxide-Induced Particles from Hop-	WILLIAMS, J. S. JR.
W74-12754 7-24 5B	calite Catalyst,	Socio-Economic Impact of Estuarine Thermal
WILLIAMS, A. B.	W74-10998 7-21 5B	Pollution,
Decapod Crustaceans of the Chesapeake Bay, W74-00915 7-02 2L	WILLIAMS, G. C.	W74-12353 7-23 5C
	Endrin Uptake and Release by Fingerling	WILLIAMS, J. W.
A Ten-Year Study of Meroplankton in North	Channel Catfish (Ictalurus Punctatus),	Application of Engineering to Well Construc-
Carolina Estuaries: Mysid Shrimps, W74-02094 7-04 2L	W74-06060 7-12 5C	tion and Development at Vernon, W74-04167 7-08 8B
	WILLIAMS, G. D. V.	
WILLIAMS, A. L. JR. Corrosion Control Extends Life of Increasingly	Estimates of Prairie Provincial Wheat Yields	Vertical Turbine Pumps - Part 2: Impeller and Characteristic Curves,
Expensive Water Wells,	Based on Precipitation and Potential	W74-10855 7-20 8C
W74-10839 7-20 8G	Evapotranspiration, W74-07027 7-13 3F	
WILLIAMS, D.		Vertical Turbine Pumps - Part 3: Thrust, W74-10856 7-20 8C
Effects of Offal Disposal From Animal	WILLIAMS, G. P. Erosional and Depositional Aspects of Hur-	
Processing Plants on Water Quality and Aquatic Life of Natural Streams,	ricane Camille in Virginia, 1969,	Vertical Turbine Pumps - Part 4: Well Charac- teristics,
W74-13053 7-24 5C	W74-11233 7-21 2J	W74-10857 7-20 8C
WILLIAMS, D. A.	WILLIAMS, H. D.	WILLIAMS, K.
The Estimation of Relative Potency from Two Parabolas in Symmetric Bioassays,	Preparation of Slide Periphyton for Various Productivity Analyses,	Avalanches in Our Western Mountains: What Are We Doing About Them,

7-02 2C

Are We Doing About Them, W74-00680

7-07 7B

The Estimation of Relative Forest,
Parabolas in Symmetric Bioassays,
7-10 5A The Estimation of Relative Potency from Two

W74-03315

WILLIAMS S.C.

The Relationship of Soil Temperature and Cytokinin Production in Aspen Invasion, W74-04978 7-10 2	matic Operation of Rainfall Shelters,	Optimization of the Assimilative Waste Capaci- ty of the Unsaturated and Saturated Zones of an Unconfined Aquifer System,
WILLIAMS, P.	WILLIAMS, T. C.	W74-08152 7-16 5B
Survival of Enteric Pathogens and Indicato	Recycling Municipal Sludges and Effluents on	Preliminary Indicators of Income/Wealth
Organisms in Natural Waters,	Land, W74-05982 7-12 5D	Redistribution Associated with Bureau of Reclamation Projects.
W74-07840 7-15 5		W74-03771 7-08 6B
WILLIAMS, P. J. LEB.	Utilization of Spray Irrigation for Wastewater Disposal In small Residential Developments,	WHITE B B
Seasonal Changes in the Organic Forms of Car	W74 12004 7.24 5D	WILLIS, R. D. Analysis of Biological, Clinical, and Environ-
bon, Nitrogen and Phosphorus in Sea Water a El in the English Channel During 1968,		mental Samples Using Proton-Induced X-Ray
W74-02369 7-05 5	WILLIAMS, T. E.	Emission,
	Ecological and Physiological Implications of Greenbelt Irrigation,	W74-11862 7-22 5A
WILLIAMS, P. M. Bomb-Produced Tritium in the Antarcti	W74 06609 7 12 5D	WILLIS, W. O.
Ocean,	WILLIAMS, T. T.	Effect of Temperature and Plant Water Stress
W74-05993 7-12 5	Development of an 'Operations' Model for	on Photosynthesis Diffusion Resistance, and Leaf Water Potential in Spring Wheat,
WILLIAMS, R.	Montana's Water Resources: Middle Creek	W74-08075 7-15 3F
The Fish Populations of an Industrial River	Reservoir Operation, W74-02214 7-05 4A	WILLISTON, S.
South Wales,	W/4-02214 /-03 4A	Model for Landscape Resource Assessment,
W74-12263 7-23 5	Dystems timely on many coo, too	Part I of the 'Metropolitan Landscape Planning
WILLIAMS, R. A.	Resources Planners, W74-00167 7-01 6A	Model' (METLAND),
Drawdown at Time-Dependent Flowrate,	W/4-0016/ /-01 6A	W74-02657 7-06 6B
W74-01155 7-03 2		WILLMER, C. M.
WILLIAMS, R. B.	Distribution of Alkyl Arsenicals in Model Ecosystem,	A Survey of Stomatal Movements and As-
Energy Requirements and Food Supplies	f W74-01409 7-03 5C	sociated Potassium Fluxes in the Plant King- dom,
Ctenophores and Jellyfish in the Patuxent Rive	r	W74-05769 7-11 21
Estuary, W74-01991 7-04 2	WILLIAMS, W. D. Derivation of Daily Phytoplankton Production	WILLMON, J. R.
W 74-01331 7-04 2	Estimates from Short-Term Experiments in	Surface-Water Availability, Lauderdale Coun-
WILLIAMS, R. H.	Some Shallow, Eutrophic Australian Saline	ty, Alabama,
Design Integrity and Performance Chara teristics of Helical Tubular Module Elements		W74-04494 7-09 2E
Reverse Osmosis Plants,	W 74-10812 7-20 3C	Surface-Water Availability, Limestone County,
W74-00319 7-01 3		Alabama,
Investigation of the Effect of Continue on the	Waters in Queensland, Australia, e W74-01979 7-04 2H	W74-08189 7-16 4A
Investigation of the Effect of Coatings on the Failure Mechanisms of Fiberglass Yarn in T		WILLSON, G. B.
bular Reverse Osmosis Supports,	WILLIAMSON, A. N.	Aeration Rates for Rapid Composting of Dairy
W74-01935 7-04 3	A Technique for Interpretation of Multispectral Remote Sensor Data,	Manure, W74-09675 7-18 5D
WILLIAMS, R. P.	W74-11773 7-22 7C	W /4-096/3 /-18 3L
Erosion and Sediment Yields in Mounta	n WHILLMON E I	Solid Composting of Dairy Manure,
Watersheds of the Transverse Ranges, Ventu		W74-10311 7-19 5D
and Los Angeles Counties CaliforniaAnalys of Rates and Processes,	Fertilized Cultivated Erosion Plots and Prairie	WILMOTH, R. C.
W74-12652 7-23	in Eastern South Dakota,	Application of Reverse Osmosis to Acid Mine
5 14W 6 14 W.	W74-02154 7-05 5B	Drainage Treatment, W74-08155 7-16 5D
Removal of Mercury Compounds from Water W74-05684 7-11 5	WILLIAMSON, W. K.	
	Floating Sheets of Foam Rubber for Reducing Stock Tank Evaporation.	Mine Drainage Pollution Control Via Reverse Osmosis,
WILLIAMS, R. S. JR.	3174 06459 7 12 20	W74-07881 7-15 5E
Coastal and Submarine Features on MS Imagery of Southeastern Massachusetts: Cor	3	
parison with Conventional Maps,	WILLIS, C. E. Flood Proofing Decisions Under Uncertainty:	Reverse Osmosis-Neutralization Process for Treating Mineral Contaminated Waters,
W74-06679 7-13	An Application to the Connecticut River Basin,	W74-08041 7-15 5E
Satellite Geological and Geophysical Remo	W74 04463 7.00 6A	WILMOUTH, R. R.
Sensing of IcelandPreliminary Results fro		Comparative Yield and Fertilizer Efficiency of
Analysis of MSS Imagery,	Events,	No-Tillage and Conventionally Tilled Corn,
W74-01699 7-04 2	W74-07299 7-14 6A	W74-10335 7-19 31
WILLIAMS, R. W.	Non-Efficiency Objectives and Decision-Mak-	WILMS, R. P.
Atomic Absorption and Fluorescence Spe	ing in Water Resource Developments,	Land Use Mapping and Change Detection
trometry with a Carbon Filament Atom Reservoir, Part XIV. The Determination of Vana-		Using ERTS Imagery in Montgomery County Alabama,
um in Fuel Oils,	WILLIS, G. H.	W74-06701 7-13 4A
W74-02400 7-05	A Agricultural Chemicals in Surface Runoff,	
WILLIAMS, S.	Ground Water, and Soil: 1. Endrin, W74-02152 7-05 5B	WILMSEN, E. N. The Mercury Content of Prehistoric Fish,
Chemical Data From Oregon Waters, 1972,	W/4-02132 7-03 3B	W74-07026 7-13 5A

1972,
7-20 5B WILLIS, J. C.
Sediment Yield Estimates Based on Floodwater
Measurements and Samples,
7-07 6E W74-03214 7-07 2J

W74-10652

Optimizing Water Use: The Return Flow Issue, W74-03385 7-07 6E

7-07 6E

7-13 5A

WILROY, R. D.
Observations on Manganese in Georgia Waters,
W74-11712 7-22 5F

AUTHOR INDEX

WILSON, A. D.

1112011, A. D.		
WILSON, A. D.	WILSON, J. H.	WILSON, W. E.
Mapping of Agricultural Land Use from ERTS-	Additions to the West Virginia Ichthyofauna,	Comparison of Volume and Mass Distribution
1 Digital Data,	with Comments on the Distribution of Other	for Denver Aerosols,
W74-06640 7-13 4A	Species, W74-10800 7-20 2H	W74-10968 7-21 5B
WILSON, A. G. L.	77-10000	Hydrologic Evaluation of Industrial-Waste In-
Pests, Crop Damage and Control Practices with	WILSON, J. N.	jection at Mulberry, Florida,
Irrigated Cotton in a Tropical Environment,	Determination of Fluorine in Petroleum and	W74-03244 7-07 5E
W74-02093 7-04 5G	Petroleum Process Catalysts with a Fluoride Electrode.	SO2 Oxidation Mechanism in Olefin-NOx-SO2
WILSON, A. J. JR.	W74-03864 7-08 5A	Smog.
Accumulation and Movement of Mirex in		W74-10966 7-21 5B
Selected Estuaries of South Carolina, 1969-71,	WILSON, K. V. Floods in Jackson Quadrangle, Mississippi,	A Construction Study of Boardons Sman
W74-06054 7-12 5B	W74-00302 7-01 7C	A Spectroscopic Study of Pasadena Smog, W74-10995 7-21 5A
WILSON, A. L.		W /4-10993
Precision and Bias of the Results of Dilution	Hydraulic Performance of BridgesExcava-	The Urban Plume of St. Louis,
Gaugings,	tions at Bridges, W74-04482 7-09 8B	W74-10964 7-21 5B
W74-11517 7-22 7B	W 14-04462 7-09 6B	WILSON, W. S.
WILSON, B. W.	WILSON, K. W.	Field Measurements of Swell Off the Island of
Feasibility Study for a Surge-Action Model of	Effects of Red Mud on Marine Animals,	Aruba,
Monterey Harbor, California,	W74-05325 7-10 5C	W74-04723 7-09 2E
W74-04721 7-09 2L	WILSON, L. G.	On the Origin of Certain Breakers off the
Hurricane Tide Prediction for New York Bay,	Subsurface Quality Transformations During the	Island of Aruba.
W74-04343 7-09 2L	Initiation of a New Stabilization Lagoon,	W74-00516 7-01 2E
	W74-01972 7-04 5D	
Solar Energy for the Concentration of Pulp Mill	WILSON, M. C.	WIMBERLY, E. T.
Effluents, W74-04544 7-09 5D	Some Aspects of Phosphorus Dynamics of the	Quality of Surface Water in the Vicinity of Oil Exploration Sites, Big Cypress Area, South
1707511	Twin Lakes Watershed,	Florida,
WILSON, C. G.	W74-06565 7-13 5C	W74-08596 7-16 5A
Merchandising Heat-Dried Sludge,	WILSON, M. J.	
W74-11842 7-22 5D	Bibliography of Reports on the Water	Reconnaissance of Water Quality in the Vicini- ty of Sunniland Oil Field, Collier County,
WILSON, C. R.	Resources of Indiana Prepared by the U.S.	Florida, 1971-72,
Steady State Flow in Rigid Networks of Frac-	Geological Survey, 1886-1972, W74-00814 7-02 2E	W74-10240 7-19 5B
tures,	W/4-00014 /-02 ZE	
W74-07521 7-14 2F	WILSON, P. N.	WIMPENNY, R. S.
WILSON, D. F.	The Need for Intensification in Animal Produc-	The Size of Diatoms. V. The Effect of Animal Grazing.
Culture of a Planktonic Calanoid Copepod	tion and the Consequent Pollution Problem, W74-02092 7-04 5B	W74-10762 7-20 5C
Through Multiple Generations,	W 74-02092 7-04 3B	7720 30
W74-08744 7-17 2I	WILSON, R. C. H.	WINANT, W. M.
Remating in a Planktonic Marine Calanoid	Prediction of Copper Toxicity in Receiving	Automated Flow-Recording System for Field
Copepod,	Waters, W74-01775 7-04 5C	Drainage MonitoringDirect Data Compilation of Surface and Subsurface Drain Flow,
W74-08735 7-17 2I	101 30	W74-08267 7-16 4A
WILSON, D. W.	WILSON, R. E.	
Modeling Radiation Exposure to Populations	Sewage Lift Station Gas Trap, W74-10483 7-20 5D	WINDHAM, S. T.
from Radioactivity Released to the Environ-	W /4-10463	Radiological Survey of New London Harbor, Thames River, Conn., and Environs,
ment,	WILSON, R. G.	W74-08645 7-16 5B
W74-11655 7-22 5B	Methods of Measuring Soil Moisture,	7-10 35
WILSON, E. M.	W74-05557 7-11 2G	WINDLEY, P. F.
Sublethal Effects of Several Metallic Salts-Or-	WILSON, R. R.	Recent Developments in Computing Systems
ganic Compounds Combinations Upon the	Extended Results on Optimal Investment	and Remote Terminals, W74-12125 7-23 6A
Heterotrophic Microflora of a Natural Water,	Strategies in Shrimp Fishing,	W/4-12125 /-25 GA
W74-11352 7-21 5C	W74-01838 7-04 6C	WINDOM, H. L.
WILSON, G. E.	WILSON, T. R. S.	Heavy Metal Concentrations in Museum Fish
Method of Treating Sewage Using High	Caesium-137 as a Water Movement Tracer in	Specimens: Effects of Preservatives and Time, W74-08792 7-17 5A
Polymer Ratio Flocculation Agent Biologically	the St George's Channel,	W/4-06/92 /-1/ 3A
Produced in Situ, W74-04717 7-09 5D	W74-05555 7-11 2E	Heavy Metal Fluxes Through Salt Marsh
11/4-04/11	WILSON, T. V.	Estuaries,
WILSON, G. R.	Distribution of Moisture in the Unsaturated	W74-05502 7-11 5B
Steel Pipeline Design,	Soil Profile on a Piedmont Watershed,	Research to Determine the Environmental
W74-11119 7-21 8A	W74-09518 7-18 2G	Response to the Deposition of Spoil on Salt
WILSON, I. G.	WILSON, W. B.	Marshes Using Diked, and Undiked
ERGS,	Responses of Gymnodinium Breve Davis to	TechniquesFirst Annual Progress Report,
W74-04264 7-08 2J	Natural Waters of Diverse Origin,	W74-05075 7-10 5C
WILSON, J. A.	W74-08731 7-17 5C	Research to Determine the Environmental
Plant Species as Wildlife Cover and Erosion	WILSON, W. C.	Response to the Deposition of Spoil on Salt
Control on 'Mudflats' in Iowa's Lareg Reser-	Arid Urban Water Management: Some	Marshes Using Diked and Undiked
voir Systems,	Economic, Institutional and Physical Aspects, W74-01662 7-04 6B	TechniquesFirst Annual Progress Report, W74-05332 7-10 5C
W74-02666 7-06 4D	W74-01662 7-04 6B	1-10 JC

WINDSOR, J. S.	WINTER, R. L.	WISEMAN, J. R.
Flood Control Model for Multi-Reservoir	Selecting Mixers for Treatment Operations,	Environmental Stress in the Pasture Scarab Se-
Systems,	W74-10017 7-19 5D	ricesthis nigrolineata Boisd.: II. Effects of Soil
W74-00168 7-01 4A	Submerged Aerators are Hot,	Moisture and Temperature on Survival of
Optimization Model for The Operation of	W74-10557 7-20 5D	Firstinstar Larvae,
Flood Control Systems,	W 74-10557	W74-08147 7-15 5C
W74-00668 7-02 4A	Submerged Turbine Aerators for Waste Water	Environmental Stress in the Pasture Scarab Se-
W /4-00000	Treatment,	ricesthis nigrolineata Boisd.: Mortality in Lar-
WINFIELD, R. P.	W74-06412 7-12 5D	vae Caused by High Temperature,
Mathematical Modeling of Eutrophication of		W74-08146 7-15 5C
Large Lakes,	WINTER, T. C.	
W74-03537 7-07 5C	Hydrogeology of Glacial Drift, Mesabi Iron	WISER, E. H.
	Range, Northeastern Minnesota, W74-11222 7-21 2F	Optimized Design of a Subsurface Drainage
WING, R. E.	W74-11222 7-21 2F	System,
Mercury Removal from Waste Water with	The National Quality of Ground Water in Min-	W74-13025 7-24 4A
Starch Xanthate-Cationic Polymer Complex,	nesota.	
W74-04541 7-09 5D	W74-00567 7-02 2F	WISFELD, W.
WINGET, C. L.		Method of and Apparatus for the Purification
A Bacteriological Pressure-Retaining Deep-Sea	WINTERBERG, F.	of Water Containing Organic Contaminants,
Sampler and Culture Vessel.	Electric Cloud and Weather Modification with	W74-07199 7-14 5D
W74-04773 7-09 5A	Intense Relativistic Electron Beams,	WISNER, W. M.
100 011	W74-04604 7-09 3B	Rainfall Frequency Atlas for Missouri,
WINGHAM, M.	WIRHOWSKI, E.	W74-08174 7-16 7C
Ligand Photooxidation in Copper (II) Com-	The Acute Toxicity of Some Heavy Metal Ions	W 14-001/4 7-10 /C
plexes of Nitrilotriacetic Acid. Implications for	toward Benthic Organisms,	WISNIESKI, K. S.
Natural Waters,	W74-06035 7-12 5C	Mercury Concentrations in Tissues of Fish
W74-01400 7-03 5B	W74-00035	from the Connecticut River,
	Toxicity Study of Two Oil Spill Reagents	W74-11917 7-22 5B
WINKELMOLEN, A. M.	Toward Hudson River Fish Species,	
Size and Shape Sorting in a Dutch Tidal Inlet,	W74-11344 7-21 5C	WISSA, A. E. Z.
W74-07329 7-14 2L		Equipment For Measuring The Water Permea-
WINKLER, E. I. G.	WIRICK, M. G.	bility as a Function of Degree of Saturation For
Hydric Characteristics of Pelotas Soils, Rio	Aerobic Biodegradation of Carboxymethylcel-	Frost Susceptible Soils,
Grande Do Sul, (In Portuguese),	lulose,	W74-10657 7-20 2G
W74-13384 7-24 2G	W74-09442 7-18 5B	
174-13364 7-24 20	WIROWSKI, Z.	WITHEROW, J. L.
WINKLEY, B. R.	Effect of Some Forms of Nitrogen Fertilizers	Primer on Agricultural Pollution,
Metamorphosis of a RiverA Comparison of	on the Development and Chemical Composition	W74-05569 7-11 5B
the Mississippi River Before and After Cutoffs,	of the Flue Cured Tobacco at Different Soil	WITHERSPOON, J. P.
W74-05414 7-11 2E	Moisture, (In Polish),	Effects of Ionizing Radiation on Processes In-
	W74-06137 7-12 3F	
Rivers as Dynamic Systems,	W/4-0013/	fluencing Tolerance of Tree Seedlings, W74-07815 7-15 50
W74-02857 7-06 2E	WIRSEN, C. O. AND	W /4-0/813 /-13 3C
	A Bacteriological Pressure-Retaining Deep-Sea	Significance of Ecological Analyses in the In-
WINN, W. T. JR.	Sampler and Culture Vessel,	terpretation of Environmental Releases of
Recreational Reuse of Municipal Wastewater,	W74-04773 7-09 5A	Radionuclides,
W74-01103 7-03 5D		W74-08878 7-17 5C
WINOGRAD, N.	WIRTANEN, W. T.	
X-Ray Photoelectron Spectra of Lead Oxides,	Chemical/Physical and Biological Treatment of	WITHERSPOON, P. A.
W74-12498 7-23 5A	Wool Processing Wastes,	Evaluation of Groundwater Resources in Liver-
W14-12490	W74-09064 7-17 5D	more Valley, California,
WINSLOW, D. E.	WIRTH, H.	W74-04201 7-08 2F
Urban Flood Frequency Characteristics,	Method of and Apparatus for the Purification	
W74-05738 7-11 2E	of Water Containing Organic Contaminants,	Pressure Interference Effects Within Reser-
	W74-07199 7-14 5D	voirs and Aquifers,
WINSOR, G. W.		W74-05087 7-10 4E
The Effects of Nitrogen, Potassium, and Subir-	WIRTH, M. E.	Steady State Flow in Rigid Networks of Frac
rigation on the Yield, Quality, and Composition	An Economic Analysis of Selected Agricultural	
of Single-Truss Tomatoes,	Uses of Warm Water in the Pacific Northwest	tures, W74-07521 7-14 2F
W74-11048 7-21 3F	Resulting from Electric Power Generation,	W 14-0/321 7-14 21
WINSTON, D.	W74-07125 7-14 3C	WITHINGTON, C. F.
Recent Estuarine Sediment History of the	WIDTH T I	Lineaments in Coastal Plain Sediments as Seen
Roanoke Island Area, North Carolina,	WIRTH, T. L. Dilutional Pumping at Snake Lake, Wisconsin,	in ERTS Imagery,
W74-07245 7-14 2L		W74-02566 7-05 7E
17-072-13 /-14 ZL	W74-04108 7-08 5C	
WINSTON, G. O.	WISAKSONO, W.	WITKAMP, M.
Hydrogeology of Subsurface Liquid-Waste	Sea PollutionSome Aspects and the Need to	Litter and Soil Microbial Dynamics in
Storage in Florida,	Fight It,	Deciduous Forest Stand,
W74-03361 7-07 5E	W74-08485 7-16 5B	W74-09823 7-19 51
WINTER, D. F.	WISCHMEIER, W. H.	WITMER, F. E.
A Similarity Solution for Steady-State Gravita-	Upslope Erosion Analysis,	Determination of Oil Concentration and Size
tional Circulation in Fjords,	W74-03799 7-08 2J	Distribution in Ship Ballast Waters. Method
W74-07675 7-15 2L	WICET V B	and Representative Results,
A Stantony for Modeline Primary Production in	WISELY, B.	W74-07564 7-14 SI
A Strategy for Modeling Primary Production in Stratified Fjords,	An Algal Mass Culture Unit for Feeding Marine Invertebrate Larvae,	Oil-Water Regenerative SeparatorFinal Re
W74.07494 7-14 5C	W74-08723 7-17 SC	

WITMER, F. E.

Continuous Regenerating Moving Bed to Remove Oil from Oil-Water Suspensions, W74-11225 7-21 5D	WOJECK, G. A. Movement of Toxaphene and Fluometuron Through Dunbar Soil to Underlying Ground	WOLFE, N. L. Chemistry of Organomercurials in Aquatic Systems,
	Water,	W74-03328 7-07 5B
WITSCHI, H. Beryllium-Induced Ultrastructural Changes in	W74-02149 7-04 5B	Methylmercury Complexes in Aquatic
Intact and Regenerating Liver,	WOJTOWICZ, E.	Systems,
W74-09769 7-18 5C	Cleanliness of Wells, Chemical Substances in Drinking Water and Their Relation to Caries (In	W74-12480 7-23 5B
WITTGENSTEIN, G. F.	Polish),	WOLFE, T. D.
Safety Installations for the Prevention of Pollu- tion Through Leakage in a Pipeline,	W74-02544 7-05 5C	Development of Second Generation Spiral Membrane Reverse Osmosis Elements,
W74-10494 7-20 5D	WOLBER, W. Flood Control Project Maintenance and Repair	W74-01910 7-04 3A
WITTLER, G.	1971 Inspection Report,	Further Developments of Water Desalination
Application of Activated Carbon for the En-	W74-01945 7-04 8D	Systems Based on Large Spiral-Wound
richment of Trace Elements and Their Deter-		Reverse Osmosis Membrane Elements, W74-01937 7-04 3A
mination by Atomic Absorption Spectrometry,	WOLCOTT, D. K.	W/4-0193/ /-04 3A
(Uber die Verwendung von Aktivkohle zur An-	The Determination of Cadmium by Atomic Ab-	WOLFE, V. J.
reicherung von Spurenelementen mit nachfol-	sorption in Air, Water, Sea Water and Urine	Environmental Stress in the Pasture Scarab Se-
gender Bestim mung durch Atomabsorptions-	with a R.F. Carbon Bed Atomizer,	ricesthis nigrolineata Boisd.: II. Effects of Soil
Spektrometrie,	W74-01441 7-03 5A	Moisture and Temperature on Survival of
W74-02433 7-05 5A	Methods for the Direct Determination of	Firstinstar Larvae,
	Heavy-Metal Pollutants in the Environment,	W74-08147 7-15 5C
WITTMUSS, H.	W74-10923 7-21 5A	Environmental Stress in the Pasture Scarab Se-
Application, Utilization and Disposal of		ricesthis nigrolineata Boisd.: Mortality in Lar-
Livestock Waste,	WOLD, EINAR	vae Caused by High Temperature,
W74-00129 7-01 5G	Surface Agitators as a Means to Reduce Nitrogen Gas in a Hatchery Water Supply,	W74-08146 7-15 5C
WITTMUSS, H. D.	W74-11936 7-22 5C	
Concepts of Conservation Tillage Systems	W/4-11930 /-22 3C	WOLFF, W. J.
Using Surface Mulches,	WOLD, R. J.	The Distribution of Asellus Aquaticus (L.) and Proasellus Meridianus (RAC.) in the
W74-08277 7-16 3F	Underwater Copper Exploration in Lake Su-	Southwestern Part of the Netherlands,
	perior Prospects Mapped in 1971,	W74-06051 7-12 5C
WIXSON, B. G.	W74-11392 7-21 5B	
The Lead Industry as a Source of Trace Metals	WOLERY, T. J.	WOLFSON, D. E.
in the Environment, W74-09208 7-17 5B	Transfer of Heavy Metal Pollutants from Lake	Energy from the Pyrolysis of Agricultural
W/4-09208 /-1/ 3B	Erie Bottom Sediments to the Overlying Water,	Wastes, W74-10158 7-19 5D
WIXSON, J. D.	W74-05956 7-12 5B	W74-10158 7-19 5D
Distillation Apparatus,		WOLKA, K. K.
W74-12804 7-24 3A	WOLF, K.	Estimating Reservoir Recreational Vists in In-
	Fish Viruses: Isolation and Identification of In-	diana,
WOBBER, F. J.	fectious Hematopoietic Necrosis in Eastern North America,	W74-12196 7-23 6B
Application of ERTS-1 Data to the Protection	W74-05322 7-10 5A	WOLKEN, L. C.
and Management of New Jersey's Coastal En- vironment.		A Stochastic Investment Model for a Survival
W74-02579 7-05 7B	WOLF, K. H.	Conscious Firm Applied to Shrimp Fishing,
700 12	Conceptual Models: 2. Fluvial-Alluvial, Glacial,	W74-09072 7-17 6B
Application of ERTS-1 Data to the Protection	Lacustrine, Desert, and Shorezone (Bar-Beach- Dune-Chenier) Sedimentary Environments,	WOLKOFF, A. W.
and Management of New Jersey's Coastal En-	W74-01940 7-04 2J	Rate of Evaporation of Low-Solubility Con-
vironment,	W/4-01940 /-04 23	taminants from Water Bodies to Atmosphere,
W74-12639 7-23 2L	WOLF, N. L.	W74-00071 7-01 5B
Exploitation of ERTS-1 Imagery Utilizing	Gas-Liquid Chromatography-Mass Spec-	WOLL LOW B
Snow Enhancement Techniques,	trometry of Organomercury Compounds,	WOLLAST, R. A Bacterial Methylmercury-Mineralizing Ac-
W74-01701 7-04 2C	W74-00253 7-01 5A	tivity in River Sediments,
	WOLF, S. C.	W74-09092 7-17 5B
Fracture Mapping and Strip Mine Inventory in	Strudel Scour: A Unique Arctic Marine	
the Midwest by Using ERTS-1 Imagery, W74-02571 7-05 7B	Geologic Phenomenon,	WOLLENBERG, H. A.
W /4-023/1 /-03 /B	W74-10374 7-20 2J	Radioactivity of Nevada Hot-Spring Systems,
WOGMAN, N. A.	WOLFE P. 4	W74-07786 7-15 5A
Comparison of Ge(Li) and Anticomptom	WOLFE, D. A. Iron-55 and Ruthenium-103 and -106 in the	WOLLER, D. M.
Systems for Measurements of Environmental	Brackish-Water Clam Rangia cuneata,	Public Groundwater Supplies in Adams Coun-
Samples,	W74-07804 7-15 5A	ty,
W74-08887 7-17 5A		W74-07172 7-14 4B
WOHLER, J. R.	Trace-Element Interactions Between River	Public Groundwater Supplies in Alexander
Some Characteristics of an Oscillatoria-	Water and Seawater,	County,
Dominated Metalimnetic Phytoplankton Com-	W74-07805 7-15 5B	W74-11887 7-22 4B
munity.	WOLFE, F. JR.	D. L. C
W74-06081 7-12 5C	A Centrifugal Tensile Tester for Snow,	Public Groundwater Supplies in Bond County,
	W74-00682 7-02 2C	W74-07429 7-14 4B
WOHLFARTER, A.		Public Groundwater Supplies in Boone County,
Modern Processes of Sludge Dewatering	WOLFE, L. Automatic Control of Level, Pressure, and	W74-11882 7-22 4B
(Moderne Verfahren zur Schlammentwaes- serung),	Flow,	Public Groundwater Supplies in Brown County,
W74-11066 7-21 5D	W74-03861 7-08 8C	W74-11881 7-22 4B
. 51 35	. 00 00	

and the second of	Wood 4.4	Wood v. s
Public Groundwater Supplies in Crawford County, W74-11880 7-22 4B	WOOD, A. J. An Initial Evaluation of Ethylene Oxide for the Sterilization of Formulated and Pelleted Fish	WOOD, N. E. Industrial Waste Processing Apparatus, W74-08035 7-15 5D
	Feeds,	
Public Groundwater Supplies in Edgar County, W74-11886 7-22 4B	W74-09723 7-18 21	WOOD, R. A. Cycling of Stable Cesium in a Desert
Public Groundwater Supplies in Ford County, W74-11883 7-22 4B	WOOD, B. J. B. An Introduction to the Phytoplankton, Primary Production and Relevant Hydrography of Loch	Ecoystem, W74-05195 7-10 5B
Public Groundwater Supplies in Hardin Coun-	Etive, W74-02991 7-06 5C	Persistence of Radionuclides in Soil, Plants, and Small Mammals in Areas Contaminated with Radioactive Fallout,
ty, W74-11884 7-22 4B	WOOD, C. E.	W74-05194 7-10 5B
Public Groundwater Supplies in Kendall County,	Seasonal Variations in Selected Physicochemi- cal Conditions of a Small Lake in Brazos Coun-	WOOD, R. B. The Probable Occurrence of Hydroxylamine in
W74-11885 7-22 4B	ty, Texas, W74-00074 7-01 2H	the Water of an Ethiopian Lake, W74-00067 7-01 5A
WOLMAN, A.	WOOD, C. R.	WOOD, R. D.
The Miami Conservancy District as a Social In- strument,	Water Resources of Lehigh County, Pennsyl-	The Characeae of Southeastern United States, W74-04879 7-10 5A
W74-10560 7-20 6B	vania, W74-07649 7-15 4A	The Salinity Gradient and Vegetation in the
WOLMAN, M. G.	WOOD, D. J.	Saugatucket River Estuary,
Stream Standards: Dead or Hiding, W74-08866 7-17 5G	Minimum Cost Design of Water Distribution	W74-12667 7-23 2L
WOMACK, J. C.	Systems, W74-03205 7-07 8A	WOOD, R. E.
Investigation and Evaluation of 102-BX Tank	WOOD, E. F.	A Gamma-Ray Spectrum Analysis Technique for Low-Level Environmental Radionuclides,
Leak, W74-09877 7-19 5B	The Methodology of Bayesian Inference and	W74-08888 7-17 5A
WOMACK I D	Decision Making Applied to Extreme	WOOD, R. R.
WOMACK, J. D. Impact of Sewage Treatment Modifications on	Hydrologic Events, W74-07601 7-15 2A	Application of Monitoring Technology (For Assuring) Drinking Water Quality,
Water Quality of a Reservoir, W74-02483 7-05 5D	WOOD, F. A.	W74-10960 7-21 5F
Remote Sensing in Sampling Site Location in	The Relationship Between Maple Canker In-	WOOD, R. W.
Lakes and Streams, W74-04313 7-09 5A	cidence and Precipitation, W74-01602 7-03 2I	Hand Tremor Induced by Industrial Exposure to Inorganic Mercury, W74-09789 7-18 5C
W 14-04313	WOOD, G.	W 14-09/89 7-16 3C
Survival of Enteric Pathogens and Indicator Organisms in Natural Waters, W74-07840 7-15 5A	Colombia's View of Maritime Legal Problems, W74-10699 7-20 6E	WOOD, W. L. JR. Horizontal Particle Velocity Profiles Beneath
WONG, A. S.	Nutrient Budgets in Rivers,	the Crests of Waves Breaking on a Submarine Bar,
Photodecomposition of P-Chlorophenoxyacetic	W74-03947 7-08 5C	W74-03107 7-06 2H
Acid, W74-03583 7-07 5B	WOOD, G. K. Flood of March 1968 on the Neponset River,	A Wave and Current Investigation in the Nearshore Zone,
Photodecomposition of 2,4,5-Trichlorophenox-	Massachusetts, W74-13187 7-24 7C	W74-05699 7-11 2L
yacetic Acid (2,4,5-T) in Water, W74-03585 7-07 5B	WOOD, G. M.	WOOD, W. W. Water-Supply Development and Management
WONG, D. T.	Land Application of Processed Organic Wastes,	Alternatives for Clinton, Eaton, and Ingham Counties, Michigan,
Management of Solid Radioactive Wastes, W74-09874 7-19 5D	W74-08862 7-17 5D	W74-11223 7-21 4B
W 14-09814 1-19 3D	WOOD C W	WOODARD, H. J.
WONG, K. M. Concentrations of Plutonium, Cobalt, and	WOOD, G. W. Deer and Rabbit Response to the Spray Irriga- tion of Chlorinated Sewage Effluent on Wild	Artificial Recharge of Treated Waste Waters and Rainfall Runoff into Deep Saline Aquifers
Silver Radionuclides in Selected Pacific Seaweeds,	Land,	of Peninsula of Florida, W74-03242 7-07 5E
W74-01297 7-03 5	W74-12887 7-24 5D	WOODARD, S. L.
Plutonium in North Atlantic Ocean Organisms;	WOOD, I. R. Developing Region in Self-Aerated Flows,	Spontaneous Vegetation of the Murray Springs Area, San Pedro Valley, Arizona,
Ecological Relationships, W74-07800 7-15 5C	W74-06739 7-13 8B	W74-03927 7-08 21
WONG, M. K.	WOOD, J. M.	WOODBRIDGE, D. D.
DDT, DDE, and PCBs In the Tissues of Reef Dwelling Groupers (Serranidae) In the Gulf of	Metabolic Cycles for Toxic Elements in Aque- ous Systems,	Effects of Gamma Radiation on Aqueous Solu- tions of Phenols,
Mexico and the Grand Bahamas, W74-11347 7-21 5B	W74-10791 7-20 5C	W74-13274 7-24 5D
	WOOD, K. G. Correlation Between CO2 and O2 Concentra-	Usable Water from Raw Sewage, W74-13459 7-24 5D
WONG, P. T. S. Mechanism of NTA Degradation By a Bacterial	tions in Lake Erie, USA,	WOODDELL, J. H.
Mutant, W74-01515 7-03 5B	W74-07025 7-13 5C	Floating Solids Return Device, W74-10583 7-20 5D
Studies of Bonid NTA Unilinian Bonney 1 Mar	WOOD, L. A. Water Demands for Expanding Energy	
Studies of Rapid NTA-Utilizing Bacterial Mu- tant, W74-01348 7-03 5B	Water Demands for Expanding Energy Development, W74-09949 7-19 6D	Pivotable Fluid Diverter for Recirulation System, W74-08021 7-15 5D
W74-01348 7-03 5B	11 6D	# /4-00021 /-13 3D

AUTHOR INDEX

WOODHEAD, D. S.

WOODHEAD, D. S.	WOODWARD, G. P. JR.	WORKMAN, O. D.
Radioecology of the Plaice (Pleuronectes	Chemical Constants of Metal Complexes from	Effect of Two Impoundments on the Salinity
platessa L) in the Northeast Irish Sea,	a Complexometric Titration Followed with	and Quantity of Stored Waters,
W74-07802 7-15 5C	Anodic Stripping Voltammetry,	W74-05335 7-10 5B
WOODHOUSE, D. A.	W74-01332 7-03 5A	WORSSAM, B. C.
Method and Means of Controlling Deposition	WOODWARD, J. B.	A New Look at River Capture and At The
of Particles in a Liquid,	Sources of Oil and Water in Bilges of Great	Denudation History of the Weald,
W74-10024 7-19 5D	Lakes Ships,	W74-07324 7-14 2J
	W74-10191 7-19 5B	WORSTELL, R. U.
WOODHOUSE, W. W. JR.	WOODWARD, R. L.	Systems Analysis of Irrigation Water Manage-
An Investigation of Propagation and the Mineral Nutrition of Spartina alterniflora,	Physical-Chemical Wastewater Treatment Plant	ment in Eastern Idaho,
W74-07486 7-14 5C	Design,	W74-02322 7-05 4B
W14-07400	W74-03957 7-08 5D	WORTHING, R. W.
WOODIS, T. C. JR.	WOODWODEN I B	Ice Rifter.
Separation of Polyphosphates by Paper Chro-	WOODWORTH, J. R. The Bureau of Reclamation and Resource	W74-10578 7-20 2C
matography with a New Solvent,	Development,	WORKINGTON E E
W74-01366 7-03 5A	W74-06112 7-12 6G	WORTHINGTON, E. E. Man-Made Lakes: Their Problems and En-
WOODLAND, L. R.		vironmental Effects,
Economic Impact of Pollution Abatement on	WOODY, W. M.	W74-08747 7-17 4A
the Sulfite Segment of the U.S. Pulp and Paper	Effectiveness of Two Nitrification Inhibitors	
Industry,	for Anhydrous Ammonia Under Irrigated and Dryland Conditions,	WORTHINGTON, H. W.
W74-05277 7-10 5D	W74-07436 7-14 5G	A Computer Program to Estimate the Com-
WOODLEY, W. L.	717 30	bined Effect of Refraction and Diffraction of Water Waves,
Comparison of Gage and Radar Methods of	WOOLERY, M. L.	W74-00024 7-01 2L
Convective Precipitation Measurement,	Influence of Iodine on Growth and Develop-	
W74-01149 7-03 2B	ment of the Brown Alga Ectocarpus Siliculosus	WORTHINGTON, P. F.
	in Axenic Cultures, W74-06752 7-13 5C	A Centrifugal Technique for Rapidly Estimat- ing the Permeability of a Consolidated Sand-
WOODRUFF, K. D.	W 74-00732 7-13 3C	stone,
Prediction of Well Development Possibilities in	WOOLHISER, P. H.	W74-09527 7-18 8E
Delaware by means of Calibrated Gamma-Ray Logs,	Cyanide Waste Treatment Utilizing Catalytic	
W74-01106 7-03 4B	Oxidation,	WREN, E. J.
7-03 45	W74-07272 7-14 5D	Preventing Landfill Leachate Contamination of
WOODS, D. R.	WOOLSON, E. A.	Water, W74-09539 7-18 5G
Simulation of a Petroleum Refinery Waste	Chlorodioxins in Pesticides, Soils, and Plants,	W 74-09339 7-16 3G
Treatment Process,	W74-02371 7-05 5B	WRENN, M. E.
W74-03467 7-07 5D		Stable Manganese and Manganese-54 Distribu-
Treatment of Oily Wastes from a Steel Mill,	Distribution of Alkyl Arsenicals in Model	tions in the Physical and Biological Com-
W74-12726 7-23 5D	Ecosystem, W74-01409 7-03 5C	ponents of the Hudson River Estuary, W74-02048 7-04 5B
	W74-01409 7-03 5C	W 74-02040 7-04 3B
WOODS, E. G.	WOOLWINE, G. M.	WRIGHT, C. C.
Pulse-Test Response of a Two-Zone Reservoir,	Measuring the Intangible Values of Natural	Corrosion Control in Large Volume Pumping
W74-05077 7-10 4B	Streams, Part II, Preference Studies and	Brine Wells, W74-00937 7-02 8G
Pulse Testing: A New Method for Describing	Completion Report, W74-05538 7-11 6B	W 14-00931 1-02 60
Reservoir Flow Properties Between Wells,	W74-05538 7-11 6B	WRIGHT, C. E.
W74-00939 7-02 8G	WOOSTER, W. S.	Regional Development of Groundwater
	Scientific Aspects of Maritime Sovereignty	Resources in Combination with Surface
WOODS, H. P.	Claims,	Waters,
Trace Metals Analysis on Small Oil Samples, W74-06142 7-12 5A	W74-02498 7-05 6E	W74-11464 7-22 4B
W74-06142 7-12 5A	WOOTTEN, R.	WRIGHT, C. G.
WOODS, W.	Occurrence of Eubothrium crassum (Bloch,	American Cockroach Feeding in Sewer Access
Waste Management and Animal Performance in	1779) (Cestoda: - Pseudophyllidea) in Brown	Shafts on Paraffin Baits Containing Propoxur
Beef Feedlots,	Trout Salmo Trutta L., and Rainbow Trout S.	or Kepone Plus a Mold Inhibitor, W74-09717 7-18 5G
W74-10141 7-19 5D	gairdneri Richardson, 1836, From Hamningfield	W /4-09/17 /-18 3G
WOODS, W. G.	Reservoir, Essex,	WRIGHT, D. E.
Photolysis of the Herbicide Dinitramine	W74-02091 7-04 2H	Acid Mine Water Treatment Process,
(N3,N3-Diethyl-2,4-Dinitro-6-Trifluoromethyl-	WOPAT, P.	W74-11408 7-21 5D
M-Phenylenediamine),	Quality of Life in Kickapoo Valley Communi-	WRIGHT, E. B.
W74-00282 7-01 5B	ties,	Liver Zinc in Carcinoma,
WOODS, W. R.	W74-09068 7-17 6B	W74-07690 7-15 5C
Chemical Studies of Solids, Runoff, Soil	WORK, E. A. JR.	WDICHT F F
Profile and Groundwater from Beef Cattle	Preliminary Evaluation of ERTS-1 for Deter-	WRIGHT, F. F. ERTS-1 Observations of Sea Surface Circula-
Feedlots at Mead, Nebraska,	mining Numbers and Distribution of Prairie	tion and Sediment Transport, Cook Inlet,
W74-09680 7-18 5B	Ponds and Lakes,	Alaska,
WOODWARD D. P.	W74-02597 7-05 7B	W74-06670 7-13 2L
WOODWARD, D. E. Hydrologic and Watershed Modeling for	WORK, W. M.	Geology and Geomorphology of the Central
Watershed Planning.	Filter Bottom and Molded Module Therefor,	Gulf of Alaska Continental Shelf,
W74-02224 7-05 4D	W74-03006 7-06 5D	W74-06434 7-12 2L
. 00 12		

				1200120,0	•
Sea-Surface Circulation, Sedimen		WU, L.		WYATT, L. R.	
and Marine Mammal Distribution,	Alaska Con-	Aerial Pollution and the Rapid Evolution	on or	The Effect of Hypochlorite on the Germinal	ion
tinental Shelf, W74-00298	7-01 2J	Copper Tolerance, W74-07713 7-15	5 5B	of Spores of Clostridium bifermentans, W74-03841 7-08	5C
WRIGHT, J. C.		WU, M.		WYATT, T.	
An Investigation into the Extent	and Cause of	Model Study of the Dilution of Soluble L	iquids	An Integrated Model for the Planning	and
Eutrophication in Canyon Ferr		Discharge from Tankers,		Operation of Water Systems.	and
Montana,	,,		6 5B	W74-12113 7-23	64
W74-11573	7-22 5C			7.22	011
		WU, S.		Planning and Operational Studies in the	
WRIGHT, J. F. JR.		The Meteorological Effects on Microwav		tegrated Use of Desalination. Case Studies	for
Flood Control Project Maintenanc	e and Repair-	parent Temperatures Looking Downward	Over	Cyprus and Jersey,	
-1970 Inspection Report, W74-02617	7-05 2E	a Smooth Sea, W74-03511 7-0'	7 7B	W74-07308 7-14	3A
W /4-0261/	7-03 ZE	W/4-03311	, ,,	WYMORE, A. H.	
WRIGHT, J. L.		WU, S. T.		Treatment of Packinghouse Wastes by Ana	ero-
Air Temperature and Vapor Press	sure Changes	A Non-Coherent Model for Microwave		bic Lagoons and Plastic-Media Filters.	
Caused by Spinkler Irrigation,		sions and Backscattering from the Sea Su		W74-11797 7-22	5D
W74-08757	7-17 3F	W74-03510 7-0	7 7B		
WRIGHT I C		A Theory of Microwave Apparent Tempe	rature	WYRTKI, K.	
WRIGHT, L. G.	- A Ilaiana	Over the Ocean,	latuic	Approach of Tides to the Hawaiian Islands,	
Le (Leading Edge) Flowmeter			0 2B	W74-03620 7-07	2E
Device for Open Channel Discha ment,	ige Measure-			XIROKOSTAS, D. A.	
W74-11533	7-22 7B	Toward Radscat Measurements Over th	e Sea	Economic Evaluation and Determination	of
		and Their Interpretation,		Plant Capacity and Dam Height,	01
WRIGHT, M. G.		W74-06361 7-1	2 7B	W74-07305 7-14	84
Studies on the Effects of the Ora		WUELKER, W.			
tion of Di-(2-Ethylhexyl) Phthal	ate on some	Chironomidae (Diptera) from the Ar	ea of	YA-E, MASA-O.	
Hepatic Enzymes in the Rat,		Freiburg in Breisgau (with Special Cons		Study on the Plasmolysis Time in Epider	
W74-10885	7-20 5C	tion of the Genus Chironomus), (In Germ		Cells from Leaves of Saxifraga stoloni	fera
WRIGHT, O. D.		W74-04678 7-0	9 2H	Meerb (In Japanese),	
Water Power Apparatus.				W74-02542 7-05	21
W74-11049	7-21 8C	WUENSCHER, J. E.		YABLOKOV, A. A.	
		Landscape Compartmentalization: An E	cologi-	Catalog of USSR Glaciers. Volume 14. So	viel
WRIGHT, R. S.		cal Approach to Land Use Planning, W74-07053 7-1	4 6G	Central Asia. No. 2. Kirgizia. Part 3. Basi	
Color Removal from Kraft Pulp	Mill Effluents	W 74-07033 7-1	4 00	Upper Reaches of the Chu River (Katalog	
by Massive Lime Treatment,		WUKELIC, G. E.		nikov SSSR. Tom 14. Srednyaya Az	
W74-02284	7-05 5D	Resource Management Implications of E	RTS-1	Vypusk 2. Kirgiziya. Chast' 3. Basseyn v	
WRIGHT, T. L.		Data to Ohio,		hov'yev r. Chu),	
Project Foggy Cloud V, Panama	Canal Warm	W74-06684 7-1	3 4A	W74-11219 7-21	20
Fog Dispersal Program,		WULFF, F. AND		YACOUB, N. L.	
W74-12067	7-23 3B	The Use of Computer Simulations for Sy	veteme	In-Plant, Continuous Hot-Gas Blanching	
		Ecological Studies in the Baltic,	, stems	Spinach,	· Oi
WRIGHT, W. A. Economic and Social Purposes	. Deleted to		9 5B	W74-07368 7-14	35
Water Management,	s Kelated to				
W74-03197	7-06 6B	WUNDERLICH, H. G.		YADAVA, T. P.	
	7-00 05	Geothermal Resources and Present Or	ogenic	Effect of Irrigation and Fertilizer Levels on	the
WRIGLEY, R. C.		Activity, W74-08999 7-1	7 2F	Yield and Quality of Groundnut,	
Limnological Studies and Remo		W /4-00999 /-1	/ ZF	W74-00469 7-01	3F
the Upper Truckee River Sedim	ent Plume in	WUNSCH, C.		YADETA, B.	
Lake Tahoe, California-Nevada,		On the Mean Drift in Large Lakes,		A Predictive Model for Sludge Characteriza	tion
W74-08302	7-16 2J	W74-02762 7-0	6 2H	Useful to Design and Control of Sludge	
WROBLEWSKI, J. S.		WUDTZ C P		watering Processes in Water Recycle System	
On Advection in Phytoplankton M	Iodels.	WURTZ, C. B. The Effect of the Brunner Island Steam	Flec.	W74-10528 7-20	5E
W74-00737	7-02 5C	tric Station's Condenser Discharge Wa			
		the Aquatic Life in the Susquehanna Rive		YAGDYEV, A.	
WRUBLE, D. T.			8 5C	Migration of Insects Caused by Erection o	1 Ir
Environmental Tritium Surveillan	ce for Project			rigational Mains, (In Russian), W74-12396 7-23	21
Rulison,	7.04 CD	The Realities of Thermal Pollution - Er		W 74-12390 7-23	2
W74-02020	7-04 5B	mental Limitations and Ecological Adapt		YAGI, S.	
WU, I.		W74-02870 7-0	6 5C	Basic Characteristics of Ozonizers and Eva	alua
Recession Flow in Surface Irrigat	ion,	Water Use for Aquatic Life,		tion of 'Mitsubishi Ozonizer',	
W74-05679	7-11 4A		6 5C	W74-13412 7-24	51
				VACODINGKAVA T A	
WU, J.		WYATT, B.		YAGODINSKAYA, T. A. Forms of Iron in Surface Layer of Black	S
Physical and Dynamical Scales f	or Generation	Lagrangian Measurements in a Coasta	ai Up-	Sediments.	361
of Wind Waves, W74-04330	7-09 2E	welling Zone Off Oregon, W74-12325 7-2	2 2E	W74-12390 7-23	2
11 /4-04330	7-09 ZE	W 14-12323 1-2	23 2E	1-23	4.
WU, J. S.		WYATT, J. T.		YAKOVLEV, S. V.	
Resource Allocation in a Non-Co	onvex Econo-	An Examination of Three Strains of the	Blue-	Method for Biochemical Treatment of Indu	stri
my,		Green Algal Genus, Fremyella,		al Waste Water,	
W74-01829	7-04 6B	W74-06759 7-1	3 5C	W74-00966 7-02	51

AUTHOR INDEX

YAKOVLEVA. V. B.

Another, T. S.		
YAKOVLEVA, V. B.	YAMAMOTO, J.	YANAGIDA, N.
Problems in Recreational Use of Reservoirs	Method of Treating Oil-Containing Con-	Hypolimnetic Flow Regimes in Lakes and Impoundments,
(Problemy rekreatsionnogo ispol' zovaniya vodokhranilishch),	taminated Drainage, W74-03660 7-07 5D	W74-11578 7-22 8B
W74-07193 7-14 6B		
WATCHIEF C	YAMAMOTO, S. Underground Waste Disposal and Artificial	YANG, C. T. Unit Stream Power for Sediment Transport in
YAKOWITZ, S. Decision Analysis of a Gamma Hydrologic	Recharge in Japan,	Natural Waters,
Variate.	W74-03226 7-07 5E	W74-13049 7-24 2J
W74-12301 7-23 2B	УАМАМОТО, Т.	YANG, P. J-Y.
YAKOWITZ, S. J.	Electrolytic Cell for Electrolysis of Sea Water,	Studies in the Analysis of Metropolitan Water
A Stochastic Model of Streamflow Based on	W74-03011 7-06 3A	Resource Systems, Volume VIII: Some Data and Methods for Analyzing Metropolitan
the Theory of Functions of Markov Processes,	Extraction-Photometric Determination of	Wastewater Reclamation and Reuse Systems,
W74-01123 7-03 2E	Uranium(IV) with Chlorophosphonazo-III,	W74-05951 7-12 5D
YAKUSHEVA, A. S.	W74-01364 7-03 5A	YANG, P-Y.
Character of Seasonal Distribution of	On Application Efficiency and Effects of	Control of Biological Solids Concentration in
Mineralization of Water in the Tsimlyansk Reservoir (O kharaktere sezonnogo ras-	Trickle Irrigation in a Sand Dune Field (In Japanese),	Extended Aeration, W74-09508 7-18 5D
predeleniya mineralizatsii vody Tsimlyanskogo	W74-13348 7-24 3F	
vodokhranilishcha),		YANG, R. T. Quantitative Analysis of Aqueous
W74-03528 7-07 2K	On the Hydraulics of the Nozzle on Trickle Irrigation System (In Japanese),	Nitrite/Nitrate Solutions by Infrared Internal
A Hydrochemical Description of Mouths of	W74-13349 7-24 3F	Reflectance Spectrometry,
Rivers Flowing into the Tsimlyansk Reservoir	Seismic Refraction Analysis of Watershed	W74-01402 7-03 2K
(Gidrokhimicheskaya kharakteristika ust'yev rek, vpadavushchikh v Tsimlvanskove vodok-	Mantle Related to Soil, Geology, and Hydrolo-	YANG, SWEE LING
hranilische),	gy,	Research on the Culture of Certain Common Marine Organisms in Singapore Waters,
W74-03252 7-07 2K	W74-09199 7-17 2G	W74-08477 7-16 3F
YAKUWA, I.	YAMAMOTO, Y.	YANGARBER, V. J.
Studies on Salt Wedge by Ultrasonic Method,	A High-Speed Liquid Chromatograph with a	Generalization of Darcy Law for Rheologically
W74-03703 7-07 2L	Flow-Spectrofluorimetric Detector and the Ul- tramicro-Determination of Aromatic Com-	Complex Liquids and Error Estimation of Cal-
YALIN, S. AND	pounds,	culations Based on Darcy Linear Approxima- tion,
Similarity in Sediment Transport Due to	W74-02397 7-05 5A	W74-12826 7-24 2G
Waves,	YAMAMURO, N.	YANGGEN, D.
W74-04755 7-09 2J	Some Geothermal Measurements at the Otake	A State/Local Lake Rehabilitation Program: A
YAMABE, T.	Geothermal Area, W74-09027 7-17 2F	Proposed Bill and Commentary,
Ion-Exchange Separations on Mixed Columns,		W74-03196 7-06 5G
W74-02398 7-05 5A	YAMANAGA, G. Water Resources Summary, Island of Hawaii,	YANGGEN, D. A.
YAMADA, K.	W74-00355 7-01 2E	Wisconsin's Shoreland Protection Program: A State-Local Regulatory Approach to Natural
Device for Removing a Sludge from a Surface,	VAMACHITA C	Resource Preservation,
W74-13249 7-24 5D	YAMASHITA, G. Quality Degradation of Dairy Washwater,	W74-00447 7-01 6E
YAMAGISHI, H.	W74-10147 7-19 5B	YANGOLENKO, L. V.
Ecological Studies on Dissolved Oxygen and Bloom of Microcystis in Lake Suwa: I.	The Sealing Mechanism of Wastewater Ponds,	A Literature Review on the Biological Purifica-
Horizontal Distribution of Dissolved Oxygen in	1110 / 10000 0 0 0 1 db	tion Methods of Sewage in Chemical-Phar- maceutical Plants, (in Russian),
Relation to Drifting of Microcystis by wind,	YAMASHITA, R.	W74-01756 7-04 5D
W74-03524 7-07 5C	The Extraction-Spectrophotometric Determina-	
Vertical Migration of Spaniotoma akamusi Lar-	tion of Chromium (III) with 4-(2-Pyridylazo)-	YANKAVICHYUTE, G. Y. Problem of Free Amino Acids in Freshwater
vae (Diptera:Chironomidae) through the Bot-	Resorcinol, W74-05470 7-11 5A	Plankton and Its Medium, (In Russian),
tom Deposits of Lake Suwa, W74-07543 7-14 2H		W74-13377 7-24 5C
W 14-0/343 /-14 2H	YAMATO, Y.	YANKO, A. K.
YAMAGUCH, Y. AND	Multiple Organochlorine Pesticide Residues in Japan,	Self-Similar Solutions for a Three-Component
Ecological Characteristics of Go-No-Ike Lake, W74-04638 7-09 5C	W74-07560 7-14 5A	Axisymmetrical Flow of a Viscous Fluid, W74-04248 7-08 8B
	YAMAUCHI, H.	
YAMAGUCHI, A.	Hawaii's System of Water Rights: An	YANKOVSKAYA, A. I. Foraminifers of Lake Issyk-Kull and Ground-
An Epidemiological Study on Clonorchiasis in Kyoto City, (In Japanese),	Economic Evaluation,	waters of Central Asia, (in Russian),
W74-07050 7-13 5C	W74-01785 7-04 6E	W74-01763 7-04 2H
	YAMAZAKI, T.	YANKYAVICHYUS, K. K.
YAMAGUCHI, S. Neurological Changes in Cats Following Long-	Freeze Process for Making Fresh Water from Brine.	Problem of Free Amino Acids in Freshwater Plankton and Its Medium, (In Russian).
Term Diet of Mercury Contaminated Tuna,	W74-10588 7-20 3A	Plankton and its Medium, (In Russian), W74-13377 7-24 5C
W74-08200 7-16 5C		
YAMAGUCHI, Y.	YAMAZAKI, Y. Simultaneous Determination of Divalent	YANO, N. Studies on the Relationship Between
Dynamic Status of Primary Production in Lake	Cu(2+), Pb(2+), Cd(2+) and Zn(2+) Ions in	Miscanthus Sinensis Community and Soil: IV.
Yunoko, A Small Eutrophic Subalpine Lake in		Relationship Between Humus and Productivity of Miscanthus Sinensis Grassland.
Central Japan, W74-01750 7-04 5C	Polarography, (in Japanese), W74-13423 7-24 5A	of Miscanthus Sinensis Grassland, W74-12737 7-23 2G

YAO, K. M. Head Drop Across Bar Screens,	Quantitative Studies of Beach Morphology and Beach Forming Processes,	Practices (Sklonovyy stok i yego izmeneniye pod vlivaniyem agrotekhnicheskikh i
W74-08092 7-15 5D	W74-03104 7-06 2J	lesomeliorativnykh meropriyatiy),
Sewer Line Design Based on Critical Shear	Trace Metals in Sediments of New York Bight,	W74-10634 7-20 4A
Stress,	W74-06012 7-12 5A	YEFIMOVA, YE. I.
W74-10611 7-20 8B		The Ionium-Thorium Method of Determination
	YASUDA, S.	of Absolute Age and Rate of Deposition of Bot-
YAO, Y. M. Evaluating Climatic Limitations for a Specific	Clarification of NSC Waste Liquor by Active	tom Sediments (K voprosu opredeleniya ab-
Agricultural Enterprise,	Carbon, Etc., (In Japanese),	solyutnogo vozrasta i skorosti sedimentatsii
W74-12699 7-23 3F	W74-00785 7-02 5D	donnykh otłozheniy ioniy-toriyevym
	YASUJIMA, T.	metodom),
YARBRO, O. O.	Thorium Isotope Content in River Water in	W74-06308 7-12 2J
Effluent Control in Fuel Reprocessing Plants,	Japan,	VERMOUA 7 A
W74-13127 7-24 5D	W74-08772 7-17 5B	YEFIMOVA, Z. A. Long-Range Forecast of Duration of Ice
YARBROUGH, M. M.	YASUNO, M.	Phenomena on the Danube River
Regional Interdependencies and External Dis-	Field Studies on the Gonotrophic Cycle of	(Dolgosrochnyy prognoz prodolzhitel'nosti
economies,	Aedes Aegypti in Bangkok, Thailand,	ledovýkh yavleniy na r. Dunaye),
W74-03912 7-08 6B	W74-13365 7-24 2H	W74-05142 7-10 2C
YARGER, H. L.	YATAZAWA, M.	YЕН, H. H.
Water Turbidity Detection Using ERTS-1	Determination of Trace Fluorine in Biological	Generalized Simulation Models for Mas-
Imagery,	Materials by Photonuclear Activation Analysis,	sachusetts Streams.
W74-02582 7-05 7B	W74-02361 7-05 5A	W74-04118 7-08 5B
YARON, B.		7
Arid Zone Irrigation,	YATES, M. L.	YEH, W. K.
W74-09815 7-19 3F	Occurrence and Analysis of Petroleum Hydrocarbons in the Aquatic Environment,	Microbial Degradation of Aromatic Hydrocar-
Conversion of Some Organo-Phosphorus Insec-	W74-06289 7-12 5A	bons,
ticides on Adsorbing Surfaces as Affected by	7-12 3/3	W74-08614 7-16 5B
Formulation,	YATES, P.	YEH, W. W-G.
W74-05435 7-11 5B	Flow Measurement of Low-Gradient Streams	A Discrete Space Continuous Time Modeling
Th. C / C . L . W . L / D	in Sandy Soils,	Approach to Nonsteady Flow in a Leaky
The Surface Catalyzed Hydrolysis of Parathion on Kaolinite,	W74-11523 7-22 7B	Aquifer System of Finite Configuration,
W74-07628 7-15 5B	YATES, P. J.	W74-06887 7-13 2F
W74-07020	Castaic Lake Area Recreation Development	
YARON, D.	Plan,	Identification of Parameters in an Inhomogene-
Estimation Procedures for Response Functions	W74-03481 7-07 6B	ous Aquifer by Use of the Maximum Principle of Optimal Control and Quasi-Linearization,
of Crops to Soil Water Content and Salinity, W74-05678 7-11 3F	Oxnard Basin Experimental Extraction-Type	W74-12308 7-23 2F
W /4-036/8 /-11 3F	Barrier,	7-23 21
Wheat Response to Soil Moisture and the Op-	W74-01289 7-03 8B	Linear Programming and Channel Flow
timal Irrigation Policy Under Conditions of Un-		Identification,
stable Rainfall,	YAW, R. H.	W74-01277 7-03 8B
W74-00669 7-02 3F	Atmospheric Water Resources Management	0 4 148 4 4 4 4 4 4 4 4
YARON, D. AND	Program,	Optimal Allocation of Artificial Aeration Along a Polluted Stream Using Dynamic Pro-
Application of Dynamic Programming in Mar-	W74-11229 7-21 3B	gramming,
kov Chains to the Evaluation of Water Quality	YAZDANI, B.	W74-00883 7-02 5G
in Irrigation,	Possibilities of Supply and Proper use of Water	7-02 30
W74-04561 7-09 3C	in the Garmsar Area,	Optimal State Analysis of Reservoirs,
YARUSHEK, N. E.	W74-05217 7-10 3C	W74-05167 7-10 6A
Quantity of Bacteria and Destruction of Or-	YEAPLE, D. S.	Ostinistics of Multi-b B
ganic Matter in Bottom Deposits of the Saratov	A Computer Model For Evaluating Community	Optimization of Multiple Reservoir System, W74-00188 7-01 4A
Water Storage Basin (In Russian),	Phosphorus Removal Strategies,	W74-00188 7-01 4A
W74-13156 7-24 5B	W74-11931 7-22 5D	Probabilistic Models in the Design and Opera-
YASHCHENKO, N. YE.		tion of a Multi-Purpose Reservoir System,
Rate of Evaporation of Water From Capillaries	YEATTS, L. B.	W74-08153 7-16 4A
of Different Diameter Into Moist Air (Skorost'	Solubilities of Calcium Sulfate Dihydrate at	
ispareniya vody iz kapillyarov raznykh	25C in Brackish Waters and Their Concen- trates: Effect of Calgon Additive and Predic-	YELISEYEV, D. A.
diametrov vo vlazhnyy vozdukh),	tions for Reverse Osmosis Processes,	Procedures in Forecasting Use of Water
W74-11448 7-21 2D	W74-10036 7-19 3A	Resources (O metodike prognozirovaniya ispol'zovaniya vodnykh resursov),
YASHOUV, A.		W74-08706 7-17 6E
Effect of Fish on the Bottom of Reservoirs,	YECK, R. G.	/-1/ OF
W74-01020 7-02 2H	National Livestock Waste Management Pro-	YELON, A.
Production of Malland and St. Title	gram, W74-00126 7-01 5G	Detection of Dilute Organic Acids in Water by
Efficiency of Mullet Growth in Fishponds, W74-01022 7-02 8I	7-01 30	Inelastic Tunneling Spectroscopy,
1-01022 7-02 61	YEE, P. P.	W74-13304 7-24 5A

7-08 2L

Channels, W74-11009

Experimental Studies of Polyculture in 1971, W74-01021 7-02 8I

Geometry and Development of Spit-Bar Shorelines at Horseshoe Cove, Sandy Hook,

New Jersey, W74-04206

Hydraulic Performance of Pennsylvania Highway Drainage Inlets Installed in Paved

YEFIMOVA, L. V.
Overland Flow and Its Variability Under the

Effect of Agricultural and Forest-Improvement

7-21 8A

7-24 5A

YEMEL'YANOV, V. V.

Use of Isotopic Methods to Determine Present

Rates of Snow Accumulation in Antarctica (Ispol'zovaniye izotopnykh metodov dlya

opredeleniya sovremennoy skorsti nakopleniya snega v Antarktide), W74-01393 7-03 2C

AUTHOR INDEX

YEMELYANOV, YE. M.

YEMEL'YANOV, YE. M. Basic Types of Recent Bottom Sediments of	YESTAF'YEV, G. A. Water Resources of the Komi Assr and	Hydrocarbon Components to Floating Oil Pollutants of Sea Water, (In Japanese),
the Mediterranean Sea, Their Mineralogy and Geochemistry (Osnovnyye tipy sovremennykh	Prospects of Their Use (Vodnyye resursy Komi ASSR i perspecktivy ikh ispol'zovaniya),	W74-13075 7-24 5A
donnykh osadkov Sredizemnogo morya, ikh mineralogiya i geokhimiya),	W74-10230 7-19 4A	Nitrogen-Fixing Activity in Upland and Flooded Rice Fields,
W74-03828 7-08 2J	YEVADAKOV, V. P. Organophosphorus Compounds Containing A	W74-07024 7-13 5B
Concentrations of Dissolved Forms of Fe, Mn, and Cu in Marine Pore Waters of the Atlantic	P-N-Bond, W74-01792 7-04 5B	YOSHIDA, YUKIO An Epidemiological Study on Clonorchis sinensis at the Northern part of Wakayama Prefec-
Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh bas-	YEVJEVICH, V.	ture, Middle Japan, (In Japan), W74-07540 7-14 5C
seyna Atlanticheskogo okeana), W74-01392 7-03 2K	Determinism and Stochasticity in Hydrology, W74-13010 7-24 2A	YOSHIOKA, G. A.
Iron in Atlantic Sediments (Zhelezo v osadkakh	New Vistas for Flood Investigations, W74-02625 7-05 2E	Coastal Storms of the Eastern United States, W74-03098 7-06 2B
Atlanticheskogo okeana), W74-10257 7-19 2J	Simulation Accuracies of Gradually Varied	YOST, C. JR.
YEN, B. C.	Flow, W74-09628 7-18 8B	Water Quality Effects of Seepage from Earthen Dams,
A Constant Discharge Siphon for Flow Mea-		W74-06453 7-12 5B
surement and Control, W74-11534 7-22 7B	YIN, S. C. Paunch Manure as a Feed Supplement in Channel Catfish Farming.	YOST, E. F. In Situ Spectroradiometric Quantification of
Illinois Storm Sewer System Simulation Model: User's Manual,	W74-11796 7-22 5C	ERTS Data, W74-06663 7-13 2G
W74-03763 7-08 5D	YINGCHOI, P.	An Interdisciplinary Study of the Estuarine and
Methodologies for Flow Prediction in Urban Storm Drainage Systems,	Soil Respiration in Different Types of Southeast Asian Tropical Rain Forest, (In German),	Coastal Oceanography of Block Island Sound and Adjacent New York Coastal Waters,
W74-01656 7-04 5D	W74-09246 7-17 2G	W74-09602 7-18 5B
YEN, C. L.	YOKEL, B. J.	YOST, K. J. Aerobic Sewage Treatment System,
Hydrodynamic Regimes of Subsurface Return Flow,	Can Coastal Resources Survive Development, W74-05658 7-11 6E	W74-12444 7-23 5D
W74-12843 7-24 2G	Hydrography and Beach Dynamics,	YOTSUKURA, N.
Sensitivity of Surface Runoff to Variations of Watershed Parameters in Small Urban Areas-A	W74-09059 7-17 6B	Mechanics of Heat Transfer in Nonstratified Open-Channel Flows, W74-03792 7-08 5B
Kinematic Model, W74-06853 7-13 4C	YOKLEY, P. JR. Freshwater Mussel Ecology, Kentucky Lake,	
YEN, Y. C.	Tennessee, May 1, 1969-June 15, 1972, W74-01641 7-03 5C	Tracer Simulation of Soluble Waste Concentra- tion, W74-08377 7-16 5B
An Analytical Study of a Coiled-Pipe Heat Sink,	Mussels of the Elk River Basin in Alabama and	
W74-04589 7-09 8B	Tennessee: 1965-1967, W74-09737 7-18 2I	YOTSUYANAGI, T. The Extraction-Spectrophotometric Determina- tion of Chromium (III) with 4-(2-Pyridylazo)-
YENTSCH, C. Biological Aspects of Offshore Nuclear Power	УОКОТЕ, М.	Resorcinol, W74-05470 7-11 5A
Plants, W74-09864 7-19 5C	Acute and Chronic Toxicity, Uptake and Re- tention of Cadmium in Freshwater Organisms,	YOUNG, C. P.
YEO, H. W.	W74-13027 7-24 5C	Drainage of Level or Nearly Level Roads, W74-10660 7-20 4C
Phytoplankton Populations in Relation to Dif-	YOKOYAMA, E. Strontium-90 and Cesium-137 Levels in Soils of	
ferent Trophic Levels at Winnipesaukee Lake, New Hampshire, U.S.A., W74-06529 7-13 5C	Various Types at Niigata Prefecture, Japan, W74-04453 7-09 5B	Estimated Rainfall for Drainage Calculations in the United Kingdom, W74-10241 7-19 2B
	YONG, R. N.	The Estimation of Flood Flows from Natural
YEREMEYEVA, M. N. Hydrochemical Zonality of Ural Lakes (Gidrokhimicheskaya zonal'nost' ozer Urala),	Unsaturated Flow in Expansive Soils, W74-12832 7-24 2G	Catchments, W74-05850 7-11 4A
W74-00840 7-02 2H	YONTS, W. L.	YOUNG, C-S.
YERMANOS, D. M.	The Effect of Heated Water on the Tempera- ture and Evaporation of Hyco Lake, North	Sources of Trace Metals from Highly-Ur- banized Southern California to the Adjacent
Growth, Mineral Composition, and Seed Oil of Sesame (Sesamum indicum L.) as Affected by	Carolina, 1966-72, W74-11751 7-22 5C	Marine Ecosystem, W74-09209 7-17 5B
Boron and Exchangeable Sodium, W74-11278 7-21 3C	YORINKS, L.	YOUNG, C. W.
Growth, Mineral Composition, and Seed Oil of	Suspended Solids Analysis Using ERTS-A Data.	Depth Prediction for Earth-Penetrating Projec- tiles,
Sesame (Sesamum Indicum L.) as Affected by NaCl,	W74-08301 7-16 2J	W74-09534 7-18 8D
W74-08816 7-17 3C	YOSHIDA, T.	YOUNG, D. C.
YESENBEKOV, A.	Degradation of Chlorinated Hydrocarbons by Clostridium Sp. Isolated from Lindane-	Aspects of Monitoring and Control of Water Ouality,
A Study of Items in the Groundwater Balance of Waterlogged Areas (Ob uzuchenii elementov	Amended, Flooded Soil,	W74-12117 7-23 5A
balansa gruntovykh vod no zabolochennykh	W74-00664 7-02 5B	YOUNG, D. N.
uchastkakh), W74-02610 7-05 2D	Distribution of (C-14) PCBs in Carp, W74-01530 7-03 5C	City of ManchesterMain Drainage Work 6, W74-11868 7-22 4A

Distribution of (C-14) PCBs in Carp,
7-03 5C

YOUNG, D. R.	YOUNG, J. W.	YOUNG, W. J.
Deposition of DDE and Polychlorinated	Constructing Nonlinear Dynamic Models for	Anatomical and Physical Properties of Red Oak
Biphenyls in Dated Sediments of the Santa Bar- bara Basin,	Socio-Environmental Decisionmaking: A Methodology,	and Red Pine Irrigated with Municipal Waste- water.
W74-09097 7-17 5B	W74-03501 7-07 6A	W74-12886 7-24 5D
The Relationship of Land Use to Water Use in	Gas-Chromatographic Determination of Seleni-	YOUNG, W. L. III.
San Antonio, Texas,	um,	Filament Wound Reverse Osmosis Tubes,
W74-07067 7-14 4A	W74-00041 7-01 2K	W74-10490 7-20 8C
Sources of Trace Metals from Highly-Ur- banized Southern California to the Adjacent Marine Ecosystem,	Simple Inexpensive Freeze-Drying Procedure, W74-01339 7-03 7B	YOUNGBLOOD, W. W. Alkanes and Alkenes in Marine Benthic Algae, W74-11951 7-22 SC
W74-09209 7-17 5B	YOUNG, L. G.	
varva a	Silver Concentrations in Antarctic Snow and	YOUNGERMAN, J. M. Upper Eel River Development. Investigation of
YOUNG, G. Superior-Michigan-Huron-Erie-Ontario: Is It	Firn, W74-06930 7-13 5A	Alternative Conveyance Routes, W74-03503 7-07 6B
Too Late, W74-05801 7-11 5G	YOUNG, L. L.	W 14-03303
7.11 30	Movement of Nitrates Under Irrigated Agricul-	YOUNGNER, V. B.
Whatever Happened to TVA,	ture,	Ecological and Physiological Implications of
W74-06968 7-13 6E	W74-04139 7-08 5B	Greenbelt Irrigation, W74-06608 7-13 5D
YOUNG, G. K.	Movement of Nitrates Under Irrigated Agricul-	
Optimal Allocation of Limited Water	ture,	Ecological and Physiological Implications of
Resources,	W74-05666 7-11 5B	Greenbelt Irrigation with Reclaimed Water, W74-12895 7-24 5D
W74-00179 7-01 6A	YOUNG, L. Y.	W /4-12893 /-24 3D
Optimal Design for Highway Drainage Cul-	Negative Chemotaxis of Marine Bacteria to	YOUNGS, E. G.
verts,	Toxic Chemicals,	A Comparison of Physically-Based Infiltration
W74-09630 7-18 4A	W74-00658 7-02 5C	Equations, W74-10823 7-20 2G
YOUNG, G. K. AND	VOLING N C	W /4-10823
An Assessment of the Use of Potomac Estuary	YOUNG, N. C. Tensiometer-Pressure Transducer System for	Seepage Rates and the Horizontal Flow Ap-
Waters and AWT Effluents for Emergency	Studying Unsteady Flow Through Soils,	proximation,
Water Supply,	W74-05668 7-11 2G	W74-12297 7-23 8D
W74-04506 7-09 5D	YOUNG, R. A.	YOUNGS, W.
YOUNG, H. L.	The Economic Value of Water for Waste Dilu-	Computer Simulation of Trophic Level Inter-
Water Resources of Wisconsin, Lake Superior	tion: Regional Forecasts to 1980,	relationships in Cayuga Lake, W74-02216 7-05 5C
Basin, W74-12335 7-23 7C	W74-13297 7-24 5B	W/4-02210
W74-12335 7-23 7C	Microbes and Petroleum: Perspectives and Im-	YOUNGS, W. D.
Water Resources of Wisconsin, St. Croix River	plications.	Trace Metals in Lake Cayuga Lake Trout
Basin,	W74-08621 7-16 5B	(Salvelinus Namaycush) in Relation to Age, W74-11336 7-21 5C
W74-04275 7-08 7C	Radio System Monitors Pump Stations,	
YOUNG, H. P.	W74-04148 7-08 8G	Trophic Level Interrelationships in Cayuga
Least-Cost Allocation and Valuation Model for		Lake, New York, W74-03769 7-08 2H
Water Resources, W74-00670 7-02 5D	The Role of Rainfall Impact in Soil Detachment	
W /4-006/0 /-02 3D	and Transport, W74-02769 7-06 2J	YOUSIF, Y. H.
YOUNG, H. W.	700 2	Growth, Mineral Composition, and Seed Oil of Sesame (Sesamum indicum L.) as Affected by
A Reconnaissance of the Water Resources in	Systematic Design of Legal Regulations for Op-	Boron and Exchangeable Sodium,
the Pahsimeroi River Basin, Idaho, W74-00356 7-01 2E	timal Surface-Groundwater UsagePhase 1,	W74-11278 7-21 3C
7-01 ZE	W74-04853 7-10 4B	Growth, Mineral Composition, and Seed Oil of
YOUNG, H. Y.	YOUNG, R. C.	Sesame (Sesamum Indicum L.) as Affected by
Microdetermination of Chloro-S-Triazines in	Artificial Weathering of Oxidized Biotite: IV.	NaCl,
Soil by Gas-Liquid Chromatography with Nickel Electron Capture or Electrolytic Con-	The Inhibitory Effect of Potassium on Dissolu- tion Rate,	W74-08816 7-17 3C
ductivity Detection,	W74-10209 7-19 2G	YOUSSEF, S. F.
W74-01304 7-03 5A		Further Studies on the Hydrography and
YOUNG, J. C.	YOUNG, R. H. F. Application of Reverse Osmosis Technology to	Chemistry of Lake Manzalah,
Waste Water Treatment Needs for Ames,	Hawaiian Low Quality Waters,	W74-02096 7-04 2H
W74-11620 7-22 6B	W74-09052 7-17 5D	YRJANAINEN, G.
YOUNG, J. C. AND	Prodice Quality Pate for Walibi Street	A Simple Method for Retention Basin Design,
Trickling Filter-Activated Sludge Combinations	Baseline Quality Data for Kalihi Stream, W74-04309 7-09 5B	W74-07753 7-15 5D
for Domestic Wastewater Treatment,		YU, S. L.
W74-04798 7-09 5D	Virus Removal in Hawaiian Soils,	Unrecorded Pollution and Dynamics of
YOUNG, J. O.	W74-03293 7-07 5F	Biochemical Oxygen Demand, W74-06613 7-13 5B
The Occurrence of Microturbellaria in Some	Water Recycling of Sewage Effluent by Irriga-	W (4-00013 /-13 3B
British Lakes of Diverse Chemical Content,	tion: A Field Study on Oahu,	Unrecorded Pollution from Urban Runoff,
W74-03282 7-07 5C	W74-02631 7-05 2B	W74-12523 7-23 5G
YOUNG, J. S.	YOUNG, T. C.	YU, W.
Effect of Thermal Effluent on Migrating Men-	Water Table and Soil Moisture Probabilities	Multilevel Optimization for Conjunctive Use of
haden,	With Tile Drainage,	Groundwater and Surface Water,
W74-11305 7-21 5C	W74-05677 7-11 2G	W74-12296 7-23 4B

WILL	VE
10	, Y-S.

Localized Streams,		Pollution Temperat	in ure		
tions), W74-1090	2			7-21	5B

YUDENFREUND, M. Hardened Portland Cement Pastes of Low Porosity, Part 5: Compressive Strength, W74-09522 7-18 8F

YUEN, A. F. H. AND A Laboratory Investigation of Free Surface Flows Over Wavy Beds, W74-04477 7-09 8B

YUEN, K. B. On the Position of Tidal Barriers in Northumberland Strait, W74-05140 7-10 2E

YUHARA, K. Estimation of Hydrothermal Systems by Means of Well-Head Observations, W74-09028 7-17 4B

Hea	t Transfe	r Measureme	ent in t	he Owaki	ıdani
and	Sounzan	Geothermal	Areas,	Hakone	Vol-
cano	0,				
W74	1-09008			7-17	2F

YUKHIMENKO, S. S. Parasites of Young Silver Carp Hypophthalmichthys Molitrix (VAL.) and Grass Carp Ctenopharyn-Godon Idella (VAL.) in the Amur River, (In Russian), W74-13395 7-24 5C

YUNGHANS, R. Application of ERTS-1 Data to the Protection and Management of New Jersey's Coastal Environment, W74-02579 7-05 7B

YUNGHANS, R. S. Application of ERTS-1 Data to the Protection and Management of New Jersey's Coastal Environment, W74-12639 7-23 2L

YURKYEVICH, I. D. Dynamics of Forest, Meadow and Swamp Vegetation in Connection with Reclamation (Based on Studies in Belorussia), (In Byelorussia)

regenation in C.	OTHE	icciton with	400	C. Letter to A	
(Based on Studies	in	Belorussia),	(In	Byelo	us
W74-09746				7-18	2

YUSUFBEKOV, KH. YU. Typological Evaluation of Vegetation in the Lower Circle of Western Pamir Based on Experimental Study on the Changeability of Associations, (In Russian), W74-12678 7-23 2I

ZABIK, M. J.						
Analytical	Methodology	for	Bioa	ctive	Co	m
pounds. Pho	otochemically	Ass	isted	Analy	ysis	of
Chlorinated	Hydrocarbor	F	estici	des i	in	the
Presence of	Polychlorinate	d B	iphen	yls,		
W74-01493				7.0	3	SA

Photochemistry	of	Bioactive	Compour	ıds.
Kinetics of Select	ed	s-Triazines in	Solution,	
W74-03582			7-07	SA

ZACHAR, F. R. Feasibility Study of a New Surface Mining Method 'Longwall Stripping,' W74-09060 7-17 5G

ZACHOS, G. H. Restoration of Wastewater Facilities Damaged

by Tropical Storm Agnes,		
W74-09496	7-18	5D

ZADOKS, J. C. Relations Between Soil Water Potential and Disease in Wheat Seedlings Infected by Puccinia recondita, W74-04653 7-09 3F

ZADOROZHNAYA, E. A. Seasonal Changes of the Feeding of the Roach in the Mozhaisk Reservoir (In Russian), W74-08762 7-17 2H

L	ADUBAN	, M.					
	Current	Problems	in	the	Radioecology	of	Soils
	and Plan	ts,					
	W74-116	66				7-22	5 E

Problems of Radioecology in Connec	tion	with
the Development of Nuclear Power,		
W74-11958	7-22	5B

LA	rikiou,	U.					
R	esponse	of	Asterias	Vulgaris	to	Chem	iica
S	timuli,						
V	V74-1195	2				7-22	50

ZAGHLOUL, N	l.					
A Numerical	Model	for	Flow	Past a	Spur-D	ike,
W74-12103					7-23	81

ZAGORENKO, G. F.			
Subglacial Development of Chlorella	in	Ba	ika
(In Russian),			
W74-04647	7-	09	21

ZAHORE	AK, C. S.					
Aquatic	Modelin	g in	the	Eastern	Decid	ious
Forest	Biome,	U.S.	-Inte	rnational	Biolog	gica
Program	١,					
W74-065	572				7-13	50

ZAITSEVA, N. V.	
Hygienic Standardization of the Component	s of
Rubber Production Sewage in Reservoir Wa	iter,
(In Russian),	
W74-13373 7-24	5C

ZAKELY, B	. J.				
Selected	Irrigation	Return	Flow	Quality	Ab
stracts 197	72-1973, T	hird An	nual Is	sue.	
33/74 1167				2 22	

ZAKHARCHENKO, A. F.		
The Possibility of Soda Formation	on in Soil	b
Biochemical Means, (In Russian),		
W74-05271	7-10	20

ZAKHAKUY, S	. L.						
Organization	of	the	Colle	ection	and	De	con
tamination of	Ind	ustri	al and	Dom	estic	Radi	oac
tive Sewage,	(In	Russi	an),				
W74 07363						7 14	er

ZAKHAROWA, K. P.		
Disposal of Radioactive Wastes,		
W74-04445	7-09	5D

ZAKHIDOV, A. Z. AND Application of Regression Analysis to Estimation of the Efficiency of Water Use in Irrigation (Opyt primeneniya regressionnogo analiza k otsenke effektivnosti ispol'zovaniya vody pri oroshenii), W74-04580 7-09 3F

ZAKI, N. A.		
Forecasting Yield of Wheat and Ba	rley fr	or
Meteorological Factors in Rain-Fed	Areas	0
Iraq.		
W74-13154	7-24	3

Role	of	Class	a	Pan	in	Estimating	Na	tural
Evap	ora	tion and	d E	vapo	trai	spiration,		
W74-	131	53					7-24	2D

ZAKORDONETS, V. A. Hygienic Evaluation of a Machine for		
Granulated Herbicides in Canals of tor-Drainage Network, (In Russian),	the Co	llec-
W74-04166	7-08	5G

ZALENSKII, O. V.		
Bioenergetics of the Assimilating	Cells	of
Chlorella Pyrenoidosa Chick. II. R	elation	of
Cyclic and Non-Cyclic Photophosp	horylat	ion
to Photosynthetic CO2 Fixation,		
W74-05059	7-10	5C

ZALOUM, R.		
Activated Sludge Characterizati	on and Sett	ling,
W74-08859	7-17	5E
ZAMOVINA N C		

	Rare		Elements	in	Sur	face
			dkozemel'n	ıykh	eler	nen-
v pov 4-0139		stnykn	vodakh),	7	-03	2K

ZAMORSKA, M.		
Baking Quality of Spring Wheat as Af	fected	d by
Rain During Drying After Reaping (In	Polish	h),
W74-06548	7-13	3F

ZAMORUYEV,	v. v.			
Quaternary	Glaciation	in	Transbayk	alia
(Chetverticht	noye oledener	niye !	Zabaykal'ya),	
W74-00343			7-01	2C

The Colorimetric			in	Auto)-
matic Surveillance	of Water (uality,			
W74-11549			7-22	2 5	A

		as	Aerobic	Biological	Reac-
w74-10	925			7-2	1 5D

ZANELLA, E. The Biological Measurement of	Water Qualit	y,
W74-12932	7-24	5A
ZANELLO, P.		

		Copper(III) and	Its
Analytical Ap W74-04870	piications,	7-10	5A

ZANG,	R. B.		
Sludge	Incineration and A	fterburning,	
W74-0	8441	7-16	5D
ZANIER	AM		

Determining	Fracture	Pressure	Gradients	from
Well Logs,				
W74-10099			7-19	8B

Solving Drilling F	Problems	Utilizing	Well	Lo	gs -
A Case History,					
W74-07898			7-1	5	8G

ZANKER, A.		
Ionic Activity Coefficients in Water	Solut	ions
Calculated by Means of Nomographs	,	
W74-08093	7-15	2K

Nomographs Calcula	te Discharge	From	0	pen.
Horizontal Pipe,				
W74-10457		7-2	20	8B

ZAPATKA, F. A.	ZAWISLAK, W.	ZEIGLER, T. W.
Microbiological Evaluation of Cold-Water Shrimp (Pandalus Borealis),	Production of Crustacean Zooplankton in Moty Bay, Lake Jeziorak: II. Estimation of Produc-	Practices and Problems in the Confinement of Dredged Material in Corps of Engineers Pro-
W74-00653 7-02 5A	tion of the Predominating Species, W74-01173 7-03 2H	jects, W74-10665 7-20 5E
ZARCADES, P. A.	W/4-011/3 /-03 2H	
On-Line Signal Digitizing for Computer Input, W74-02950 7-06 7C	Production of Crustacean Zooplankton in Moty Bay, Lake Jeziorak: The method of Production	ZEIKUS, J. G. Effects of Thermal Additions from the Yel
	Estimation,	lowstone Geyser Basins on the Bacteriology of the Firehole River.
ZARET, T. M.	W74-01172 7-03 2H	W74-02895 7-06 5E
Species Introduction in a Tropical Lake, W74-05492 7-11 5C	ZAWOISKI, P. K.	7-00 31
W 74-03492 7-11 3C	Waste Treatment Apparatus,	ZEITOUN, I. H.
ZARIC, M.	W74-05889 7-11 5D	Influence of Salinity on Protein Requirements of Rainbow Trout (Salmo Gairdneri) Fin
Complex Behaviour of Cobalt in the Danube	2110 P	gerlings,
River,	ZAYC, R.	W74-06086 7-12 50
W74-02373 7-05 5B	Water-Level Gauging by Pressure Measuring, W74-11500 7-22 7B	
ZARNEGAR, P.	W/4-11300 /-22 /B	ZEITZ, L. R.
Perhalobenzenesulfinates as Reagents in the	ZAYTSEVA, E. A.	Data for Municipal Wells in the City o Modesto, California,
Determination of Inorganic Mercury in Various	Overland Flow and Its Variability Under the	W74-07320 7-14 4I
Media by Gas-Liquid Chromatography,	Effect of Agricultural and Forest-Improvement	
W74-05482 7-11 5A	Practices (Sklonovyy stok i yego izmeneniye	ZEKOVIC, P.
Quantitative Measurements of Inorganic Mer-	pod vliyaniyem agrotekhnicheskikh i lesomeliorativnykh meropriyatiy),	Weed Control in Sugar Beet Crops in the Kosovo Region, (In Serbo-Croatian),
cury and Organomercurials in Water and	W74-10634 7-20 4A	W74-03943 7-08 31
Biological Media by Gas-Liquid Chromatog-	720 41	
raphy,	ZDANOVICH, V. G.	ZEKTSER, I. S.
W74-08415 7-16 5A	A Modified Method of Aerial Survey of	Estimation and Mapping of Rates of Exchange
ZARNOWSKI, J.	Shadows to Study Snow Cover (Novyy variant	of Fresh Groundwater in the Baltic Artesian Basin (Otsenka i kartirovaniye tempov vodoob
The Effect of Ethylenediaminetetraacetic Acid	sposoba aerofotos'yemki teney dlya izucheniya snezhnogo pokrova).	mena presnykh podzemnykh vod (na primer
on the Growth of Chlorella Pyrenoidosa and Its	W74-09930 7-19 2C	Pribaltiyskogo artezianskogo basseyna)),
Role in the Dynamics of Metabolism and Ac-	777 20	W74-08705 7-17 21
cessibility of Iron and Calcium,	ZDORIK, O. V.	Crowndwater Discharge into Sees (O magnet
W74-02925 7-06 5C	A Study of Bacterial Migration in Irrigated	Groundwater Discharge into Seas (O razgruzk podzemnykh vod v morya),
ZARUBAYEV, N. V.	Soils, (In Russian),	W74-01962 7-04 2
Water Management in Finland (Vodnoye	W74-12704 7-23 5B	
khozyaystvo Finlyandii),	ZDYBIEWSKA, M.	Subsurface Component of the Hydrologi
W74-02754 7-06 6B	Comparative Studies on the Determination of	Budget of the Caspian Sea (O podzemno sostavlyayushchey vodnogo balans
ZARUDNY, YA. K.	Toxicity of Some Pesticides,	Kaspiyskogo morya),
Moisture Expenditure by Forest and Fields in	W74-13478 7-24 5C	W74-06449 7-12 2
the Protective Afforestation Regions, (In Rus-	ZEBEC, M.	W. D
sian),	Limnological Characteristics of Jezero on the	Water Resources of the Komi Assr an Prospects of Their Use (Vodnyye resursy Kom
W74-01099 7-02 3F	Island of Krk, (In Serbo-Croatian),	ASSR i perspecktivy ikh ispol'zovaniya),
ZASLONKIN, V. P.	W74-02386 7-05 2H	W74-10230 7-19 4
Characteristics of the Water Regime of Peas at	ZEBLEY, D. D.	aprovana i o
Different Soil Moisture Levels and with the	Waste Water Treatment Package Plant Having	ZEKTZER, I. S. The Problem of Direct Groundwater Discharg
Use of Molybdenum, (In Russian),	a Modular Ditch Member,	to the Seas.
W74-12749 7-23 21	W74-02034 7-04 5D	W74-06881 7-13 2
ZATKA, V. J.		ani nu
Improvements in the Manganese Dioxide Col-	ZECCHI, P. J.	ZELDIN, M. Audubon Black Paper Number 1, Oil Pollution
lection of Trace Lead and Bismuth in Nickel,	The Applications and Limitations of Deep Drill Stem Testing,	W74-09315 7-18 50
W74-00281 7-01 2K	W74-12538 7-23 8C	
TANKATON N. C.	7-25 00	Will Success Spoil NEPA,
ZAV'YALOV, V. G. Aeration of Effluents in Aeration Tanks	ZEHNDER, A.	W74-05750 7-11 6
(Aeratsiya stochnykh vod v aerotenkakh-	An Analytical Study of a Coiled-Pipe Heat	ZELIKOV, V. D.
vytesnitelyakh),	Sink, W74-04589 7-09 8B	Water Regime of Sod Podzolic Soils Under
W74-08413 7-16 5D	W74-04589 7-09 8B	Spruce Forests of Different Ages, (In Russian)
TANAMINA NA W	ZEIGLER, J. M.	W74-05343 7-10 4.
ZAVARINA, M. V. Division of the USSR Into Zones Based on	The Internal Velocity Field in Breaking Waves,	ZELLER, E. J.
Snow Loads on a Horizontal Surface	W74-04960 7-10 2J	Analysis of Background Copper Concentration
(Rayonirovaniye territorii SSSR po snegovoy	Residence Time of Sand Composing the	in Seawater by Electron Spin Resonance,
nagruzke na gorizontal'nuyu poverkhnost'),	Beaches and Bars of Outer Cape Cod,	W74-12482 7-23 5.
W74-10264 7-19 2C	W74-04968 7-10 2J	ZELLWEGER, G. W.
ZAVODCHIKOV, A. B.	0 M 1 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Comparison of Observed and Calculated Con
Preliminary Estimate of the Effects of Irrigated	Some Modern Approaches to Beach Studies, W74-04930 7-10 2J	centrations of Dissolved Al and Fe in Stream
Agriculture on Streamflow in the Lake Balk-	W74-04930 7-10 2J	Water, W74-11422 7-21 5.
hash Basin (Predvaritel'naya otsenka vliyaniya	A Study of Sediment Distribution in the Zone	W74-11422 7-21 5.
oroshayemogo zemledeliya na rechnoy stok v	of Shoaling Waves Over Complicated Bottom	Filter Pore-Size Effects on the Analysis of A
basseyne oz. Balkhash),	Topography,	Fe, Mn, and Ti in Water,
W74-10633 7-20 4C	W74-03709 7-07 2J	W74-11421 7-21 5.

7-20 4C

MANY OR A	ZUACCAD V B	ZHUKOVA, V. A.
ZELT, A. Assessment of Two Mesh Sizes for Interpreting Life Cycles, Standing Crop, and Percentage Composition of Stream Insects,	ZHAGGAR, K. B. Ion Load and Carbonate Equilibrium in the Troitsk Reservoir (Akkumulyatsiya ionnogo stoka i karbonatnoye ravnovesiye v Troitskom	Dynamics of Trace Elements in Liman- Meadow Soils of the Arid Zone of Central Kazakhstan, (In Russian),
W74-01601 7-03 2I	vodokhranilishche),	W74-00479 7-01 5B
WENT I P	W74-03532 7-07 2H	ZHULAVSKAYA, M. N.
ZENI, L. E. Power Plant Siting Program,		The Dependence of Water Regimen of Palmette
W74-10783 7-20 5G	ZHDANKUS, N. T.	Type Apple Trees on the Watering Method, (In
W/4-10/65	Spacing of Hard Rock Shallow Wells,	Russian),
ZENIN, A. A.	W74-05133 7-10 4B	W74-00981 7-02 3F
Character of Seasonal Distribution of	ZHDANOVA, I. S.	
Mineralization of Water in the Tsimlyansk	Variability of Annual Runoff and Precipitation	ZHUPANENKO, R. P.
Reservoir (O kharaktere sezonnogo ras-	Values (Ob izmenchivosti godovykh velichin	Phytoplankton Dynamics in the Severskiy
predeleniya mineralizatsii vody Tsimlyanskogo	stoka i osadkov),	Donets River for the First Years After its Regulation, (In Russina).
vodokhranilishcha), W74-03528 7-07 2K	W74-00844 7-02 4A	W74-04648 7-09 5C
W 14-03320		174-04040
Chemical Composition of Water in Agrakhan-	ZHDANOVA, I. S. AND	ZHURAVLENKO, V. J.
skiy Bay (O khimicheskom sostave vody	Water Level Fluctuations of the Caspian Sea	Technical-Economic Estimation of Geothermal
Agrakhanskogo zaliva),	(K probleme urovennogo rezhima Kaspiyskogo	Resources,
W74-03527 7-07 2K	morya), W74-04575 7-09 2H	W74-09044 7-17 6B
A Hydrochemical Description of Mouths of	W14-04373 7-09 2H	ZHURAVLEV, A. V.
Rivers Flowing into the Tsimlyansk Reservoir	ZHELEZNYAK, I. A.	Possible Effect of Changes in Hydrogeologic
(Gidrokhimicheskaya kharakteristika ust'yev	Experiment in Calculating Movement of the	Conditions of the Pitsunda Peninsula on Pitsun-
rek, vpadayushchikh v Tsimlyanskoye vodok-	1970 Flood Wave Along the Cascade of Dniper	da Pine Trees (O vozmozhnosti vliyaniya iz-
hranilische),	Reservoirs (Opyt rascheta dvizheniya volny	meneniy gidrogeologicheskikh usloviy p-ova
W74-03252 7-07 2K	polovod'ya 1970 g. po kaskadu dneprovskikh	Pitsunda na pitsundskuyu sosnovuyu roshchu),
ZENKOVICH, V. P.	vodokhranilishch),	W74-10224 7-19 3C
The Coastal Shoals of Western Cuba and Their	W74-00594 7-02 2E	ZHURAVLEVA, L. A.
Deposits,		Possible Changes in Salinity of Water in the
W74-03443 7-07 2L	Procedures for Computing Movement of Spring	Dnieper-Bug Lagoon in Connection with Fu-
	Flow Along the Cascade of Reservoirs on the	ture Diminution of Streamflow (Vozmozhnyye
ZENONE, C.	Dnieper River (Metodika rascheta dvizheniya	izmeneniva solenosti vody Dneprovsko-Bug-
Geology and Groundwater for Land-use	vesennego stoka po kaskadu vodokhranilishch na Dnepre),	skogo limana v svyazi s predstoyashchim
Planning in the Eagle River-Chugiak Area, Alaska.	W74-00593 7-02 4A	sokrashcheniyem rechnog o stoka),
W74-11982 7-22 4B	W14-00373	W74-03530 7-07 2L
W/4-11702 /-22 4B	ZHIDIKOV, A. P.	ZIEDA I
Geology and Water Resources of the Gird-	Models of Spring Runoff Formation and	ZIEBA, J. Macrobenthos of Ponds with Sugar Factory
wood-Alyeska Area, Alaska,	Problems in Their Use for Forecasting the	Wastes.
W74-08595 7-16 4B		W74-06553 7-13 5C
ZENZ, D. R.	W74-05842 7-11 2A	7.5
Chemical and Biological Quality of Municipal	ZHIKHAREV, V. V.	ZIEBELL, C. D.
Sludge,	Apparatus for Automatic Control of Sediment	Removal of Phosphate and Secondary B.O.D.
W74-12871 7-24 5D	Level (Pribor dlya avtomaticheskogo kontrolya	from Tertiary treated Wastewater by Aquatic Animals.
CORP. D. C.	urovnya osadka),	W74-01124 7-03 5D
ZEPP, R. G.	W74-03541 7.07 5D	W/4-01124 /-03 3D
Chemistry of Organomercurials in Aquatic Systems,		ZIEGELBECKER, R.
W74-03328 7-07 5B	ZHILENKOV, V. N.	Comments on the Paper by G. W. Kwant
W14-03326 7-07 3B	Hydraulic Conductivity of Water-Resistant	'Sixteen Years of Water Fluoridation in The
Gas-Liquid Chromatography-Mass Spec-	Protections of Clayey Soils,	Netherlands and Its Influence on Dental
trometry of Organomercury Compounds,	W74-12829 7-24 2G	Decay,'
W74-00253 7-01 5A	ZHITENEVA, L. D.	W74-02230 7-05 5F
Methylmercury Complexes in Aquatic		ZIEGLER, R. C.
Systems,	Blood of Larval Fish Bitten by Water Bugs	Cost Effectiveness in Pollution ControlTreat-
W74-12480 7-23 5B		ment of Glue Factory Wastes by Carbon Ad-
	W74-05209 7-10 5C	sorption System,
ZERBIN, N. I.		W74-02177 7-05 5D
A Study of Bacterial Migration in Irrigated		In Situ Treatment Methods for Hazardous
Soils, (In Russian), W74-12704 7-23 5B	Effects of Radioactive Strontium on Microflora	Material Spills,
W/4-12/04 /-23 3B	of water and on Mineralization Processes of	W74-02179 7-05 5D
ZERONSA, W. P.	Organic Substances, W74-12041 7-23 5D	
Selective Separation and Concentration of	W74-12041 7-23 5D	Treatment of Tannery Effluents by Physical-
Silver Via Precipitation Chromatography,	ZHUKOV, V. A.	Chemical Processes,
W74-11911 7-22 5A	Primary Checking of Data on Moisture	W74-02175 7-05 5D
ZETTLER, F. W.	Reserves in Soil with Electronic Computers,	ZIELHUIS, R. L.
Biological Coatrol of Water Weeds With Plant	(In Bussian)	Interrelationship of Biochemical Responses to
Pathogens,	W74-12159 7-23 2G	the Absorption of Inorganic Lead,
W74-01653 7-04 5C	AMERICAN A VI	W74-11362 7-21 5C
	ZHUKOVA, I. V.	
Past and Current Research on Diseases of		ZIELINSKI, P. B.
Eurasian Watermilfoil (Myriophyllum spicatum	fluents (Opredelenie shchelochnosti stochnykh vod),	Enhanced Dispersion in Drag Reducing Open Channel Flow.
L.), W74-02112 7-04 21		W74-08390 7-16 5B
7-04 21	1-10 JA	7-10 JB

ZIEMAN, J. C. JR.	ZIMMERMAN, J. F.	ZITKO, V.
Origin of Circular Beds of Thalassia (Spermatophyta:Hydrocharitaceae) in South	The Cooperative Approach to Environmental	Determination of Phthalates in Biological Sam- ples,
Biscayne Bay, Florida, and Their Relationship	Enhancement, W74-12477 7-23 6G	W74-06129 7-12 5A
to Mangrove Hammocks, W74-07022 7-13 5A	ZIMMERMAN, M. L.	ZITKO, V. Z.
W74-07022 7-13 5A	The Market Structure of the Southern Califor-	Exhaustive Chlorination as a Technique in the
ZIL'BERSHTEYN, B. M.	nia Water Industry,	Analysis of Aromatic Hydrocarbons,
Consideration of the Character of Surface-	W74-10414 7-20 6B	W74-00080 7-01 5A
Groundwater Relationships and Streamflow in		TITNAN D
Estimates of Yields From Infiltration Galleries	ZIMMERMANN, U.	ZITNAN, R. Cestoidea of Fish in the River Hron
(Uchet kharaktera svyazi podzemnykh vod s	Water Recharge in a Soil with Shrinkage	(Czechslovakia), (In Czech),
poverkhnostnymi i rezhima rechnogo stoka pri	Cracks,	W74-00689 7-02 21
raschetakh inf il'tratsionnykh vodozaborov),	W74-00602 7-02 2G	
W74-00848 7-02 8A	ZINDEL, H. C.	Comparison of the Epizootological Importance
ZILA, L.	Poultry Anaphage is Here to Stay,	of the Parasites of Salmo Gairdneri Irideus in
Methodology of Plant Tissue Water Potential	W74-11246 7-21 5D	the Two Coast Areas of Bosnia and Her- zegovina,
Determination by the Psychrometric Method,		W74-06254 7-12 5C
W74-11188 7-21 2I	ZINK, L. B.	
ZILLER, P. A.	Population Projectsions for the New Mexico	Distribution and Epizootiological Importance
Analogue and Hybrid Methods for the Analysis	State Water Plan,	of Dactylogyrus extensus (Monogenoidea) in
and Planning of Water Distribution Networks,	W74-02458 7-05 6B	Slovakia (In Czech), W74-05358 7-10 5C
W74-12145 7-23 4A	ZINN, J. A.	W74-05358 7-10 5C
	Property Owner Attitudes and Perceptions,	Nematoda, Acanthocephala and Hirudinea in
ZILLIOUX, E. J.	W74-12760 7-24 6B	Fishes from the River Hron (Czechoslovakia),
A Continuous Recirculating Culture System for		(In Czech),
Planktonic Copepods, W74-08740 7-17 5C	ZINN, T. G.	W74-00679 7-02 2I
W14-06/40 7-17 3C	The Summer Fallow System,	ZIYAKHODZHAYEV, M. Z.
Culture of a Planktonic Calanoid Copepod	W74-05215 7-10 3F	Application of Regression Analysis to Estima-
Through Multiple Generations,	ZINNECKER, M.	tion of the Efficiency of Water Use in Irriga-
W74-08744 7-17 2I	In-Plant, Continuous Hot-Gas Blanching of	tion (Opyt primeneniya regressionnogo analiza
Maine Antonio to Anno Oil Discount Tonioi	Spinach,	k otsenke effektivnosti ispol'zovaniya vody pri
Using Artemia to Assay Oil Dispersant Toxici- ties.	W74-07368 7-14 3E	oroshenii),
W74-06877 7-13 5A	7.14 32	W74-04580 7-09 3F
17-00077 7-15 JA	ZION, H. H.	ZLOBIN, V. S.
ZIMENKO, T. G.	A Sport Fishing Survey in the Vicinity of a	Active Phase of Assimilation of Plutonium-239
Activity of the Microorganisms and the	Steam Electric Station on the Patuxent Estua-	By the Marine Algae Ascophyllum nodosum,
Mineralization of the Organic Matter Peat Soils	ry, Maryland,	W74-04178 7-08 5C
with a Varying Level of Sub Soil Waters, (In	W74-13472 7-24 2L	
Russian),	ZIPP, R.	Photosynthesis and the Mechanism of the Ac-
W74-07230 7-14 2G	Ground Water Quality and Solid Waste	tion of Cyanide on Cell Respiration and Plu-
Effect of Humidity and Temperature on	Management A Selective Bibliography,	tonium-239 Accumulation by Marine Algae, W74-04179 7-08 5C
Microbial Activity in Moor Peat Soils, (In Rus-	W74-09319 7-18 5E	W/4-041/7
sian),		ZNAMENSKIY, V. A.
W74-08089 7-15 2G	ZIPPLER, K.	A Comparative Estimate of Energy Losses in
ZIMINA, N. I.	Utilization of Trickling Filters for Dual Treat-	Water Bodies and in Tranquil and Turbulent
Consumption of Water by the Cotton Plant at	ment of Dry and Wet Weather Flows,	Flows (Sravnitel'naya otsenka poter' energii v
Different Concentrations of Soil Solution, (In	W74-06508 7-13 5D	vodoyemakh, spokoynykh i burnykh potokakh),
Russian),	ZIRINO, A.	W74-09109 7-17 2H
W74-06236 7-12 3C	Anodic Stripping Voltammetry of Zinc in Sea-	W 74-05105 7-17 2H
and the second s	water with a Tubular Mercury-Graphite Elec-	Problem of the Processes of Internal Water
ZIMINOVA, N. A.	trode,	Exchange and Turbulence in Lake Baykal (K
Sediment-Retaining Capacity of the Uglich Reservoir (O nanosouderzhivayushchey	W74-05305 7-10 5A	voprosu o protsessakh vnutrennego vodoob-
sposobnosti Uglichskogo vodokhranilishcha),	ZIBVIE D E	mena i turbulentnosti na oz. Baykal),
W74-01731 7-04 2J	ZIRKLE, R. E. Determination of Land Use in Minnesota by	W74-09104 7-17 2H
	Automatic Interpretation of ERTS MSS Data,	ZO, A.
Suspended-Sediment Balance in the Rybinsk	W74-06702 7-13 4A	Breeding and Growth of the Chaetognath Sagit-
Reservoir (Balans vzveshennykh veshchestv v	713 41	ta Elegans in Bedford Basin,
Rybinskom vodokhranilishche), W74-01729 7-04 5B	ZIRLIS, J. V.	W74-05317 ' 7-10 5C
W74-01729 7-04 5B	Water Purification Apparatus and Cartridge	ZOBELL, C. E.
Suspended-Sediment Balance in the Uglich	Therefor,	Bacterial Degradation of Mineral Oils at Low
Reservoir (Balans vzveshennykh veshchestv v	W74-05895 7-11 5F	Temperatures,
Uglichskom vodokhranilishche),	ZISERMAN, A.	W74-08625 7-16 5B
W74-01730 7-04 5B	Capability of ERTS-1 Imergy to Investigate	W UID IN IN
ZIMMERMAN, C. J. AND	Geological and Structural Features in a Sedi-	Microbial Degradation of Oil: Present Status,
A Report on the Limnology of Monroe Reser-	mentary Basin (Bassin Parisien, France),	Problems, and Perspectives,
voir, Indiana,	W74-01695 7-04 3F	W74-08611 7-16 5B
W74-04792 7-09 2H		ZOGORSKI, J. S.
	ZITKO, P.	Atmospheric Reaeration Capacity of Streams.
ZIMMERMAN, C. W.	Prediction of Incipient Lethal Levels of Copper	Part I. Critical Review of Methods Available to
Compensated Gamma Ray Densimeter Mea-	to Juvenile Atlantic Salmon in the Presence of	Measure and to Calculate the Atmospheric
sures Slurry Densities in Flow,	Humic Acid by Cupric Electrode,	Reaeration Rate Constant,
W74-07877 7-15 8G	W74-06036 7-12 5C	W74-02916 7-06 5C

AUTHOR INDEX

ZOGORSKI, J. S.

Atmospheric Reaeration Capacity of Streams. Part II. Direct Measurement of the Atmospheric Reaeration Rate Constant in the Upper Raritan River Basin, W74-02917

ZOHDY, A. A. R.

Application of Surface Geophysics to Groundwater Investigations,

Recognition of Natural Brine by Electrical Soundings Near the Salt Fork of the Brazos River, Kent and Stonewall Counties, Texas, W74-01370

ZOLLER, W. H.

Intercomparison of Several Types of Cascade Impactors, W74-11008 7-21 5A

ZOLOTAREVA, N. S.

Effects of Thermal Effluents on Biocenoses of Water Bodies (O kharaktere vliyaniya termal'nykh sbrosnykh vod na biotsenozy vodoyemov), 7-02 5C W74-00842

ZONN, L.S.

Water Problems in the Arid Western Regions of the USA, (In Russian), W74-09469

ZORIN, P. M.

Provoking Effect of Iodobromic Waters in Leprosy, (In Russian), W74-00403

ZORNIG, J. G.

A High Speed Microprogrammed System for Generation and Acquisition of Signals, 7-12 7B W74-06021

ZOSIDZE, R. S.

Vertical Distribution of Zoobenthos of the Mountain River of Adzhar ASSR (In Russian), 7-09 21 W74-04818

ZOTIMOV, N. V.

Use of the Gamma Field of the Earth to Determine the Water Content of Soils. 7-01 2G W74-00108

ZOVNE, J. J.

The Numerical Solution of Transient Supercritical Flow by the Method of Characteristics with a Technique for Simulating Bore Propagation. 7-15 8B W74-07732

ZSOLNAY, A.

Determination of Total Hydrocarbons in Sea Water at the Microgram Level with a Flow Calorimeter, W74-08430 7-16 5A

Hydrocarbon and Chlorophyll: A Correlation in the Upwelling Region off West Africa, W74-04771 7-09 5B

ZUBAREVA, I. F.

Uptake of Sodium, Calcium, and Chlorine by Cotton Plants During Irrigation with a Solution Similar to Sea Water, (In Russian), W74-01766 7-04 3C

Land Use Trends and the Future of Agriculture in the North Atlantic Region, W74-05682 7-11 6D ZUBER, H.

Concerning Large-Scale Cultivation of Thermophilic Cosmopolitan Mastigocladus Laminousus Cohn (Cyanophyta) in Icelandic Hot Springs, W74-04486

ZUBIATE, P. C. JR.

Compressive Strength of 67-Year Old Concrete Submerged in Seawater, 7-20 8F W74-10402

Influence of Some Hydrological Parameters on Changes in the Radioactivity of the Waters of the Rivers Czarna Przemsza and Przemsza, W74-07019 7-13 SB

Dynamic Structure of the Region of the Antilles-Guyana Countercurrent (Dinamicheskaya rayona Antilo-Gvianskogo struktura protivotecheniya), W74-09938 7-19 2E

ZUBKOV, N. S.

The Application of an Orientation System for Continuous Observations for the Compilation of River Channel Maps by Means of an Echo Sounder. W74-11537 7-22 7B

ZUBKOVA, L. A.

Study of Normal Microflora of Bream (Abramis Brama) of the Volga-Caspian Region, (In Russian), W74-13390 7-24 5C

ZUCCARDI, R. B.

Hydric Regime of an Argiudol (In Spanish), 7-10 2G W74-05324

ZUCKERMAN, M.

Treatment of Waste Water, W74-10283 7-19 5D

ZUCKERMAN, M. M. Wastewater Treatment.

W74-08034 7-15 5D

ZUDIN. O. S.

Cesium Distribution in the Surface Layer of the Pacific Ocean, 7-04 5B W74-02055

ZUMFT, W. G.

Effect of Nitrite and Nitrate on Chlorophyll Fluorescence in Green Algae, W74-02928 7-06 5C

ZUMWALT, E. III.

Primary Elements Influencing the Development of the Legal Regime of Soviet Territorial Waters. W74-10704 7-20 6E

ZUROWSKI, T.

Confinement System Offers New Solutions to Old Problems, W74-10128

New Feedlot Concept Uses Converted Manure W74-00415 7-01 5D

ZUZEL, J. F.

Soil Moisture Trends on Sagebrush Range-W74-04074 7-08 2G

ZVEREVA, M. A.

Derivatives of Phosphacyclopentene, 7-04 5B W74-01791

ZWAMBORN, J. A.

Major Port Developments at Richards Bay with Due Regard to Preserving the Natural Environ-7-21 2I.

W74-11125

ZWARYCH, W.

An Experimental Investigation into Effects of Pulp Mill Effluent on Structure of Biological Communities in Alberni Inlet, British Columbia. Part 1: Subtidal Communities. 7-10 SC W74-05047

ZWEIDINGER, R. A.

Fluorometric Quantitation of Gallium in Biological Materials at Nanogram Levels, 7-03 2K W74-01344

ZWEIFEL, L. G.

The Water Resources Information Program at the University of Wisconsin, W74-00204 7-01 10A

ZWERMAN, P. J.

Conveniently Constructed Divisor for Splitting Low Water Flows, W74-03522 7-07 7B

Surface Runoff Losses of Soluble Nitrogen and Phosphorus Under Two Systems of Soil Management, W74-10789 7-20 5B

Surface Runoff Nutrient Losses from Various Land Disposal Systems for Dairy Manure, W74-09702 7-18 5B

ZWOLINSKI, M. J.

Effects of a Wetting Agent on the Infiltration Characteristics of a Ponderosa Pine Soil, W74-06456

ZYKOVA, T. V.

Application of Nuclear Magnetic Resonance in Chemistry of Organophosphorus Compounds,

ZYUZENKO, E. V.

Purification of Effluents and Improvement of the Technology in the Production of Chloretone, (In Russian), W74-07285

ZYVOLOSKI, G.

Solution of Equation for Vertical Unsaturated Flow of Soil Water, W74-06736 7-13 2G

Method With Radiotracers and Experiments in

ACADEMIA R. S. R., BUCHAREST (RUMANIA).

Types of Distribution Pattern Among Fresh-

ACADEMY OF MUNICIPAL ECONOMY,

MOSCOW (USSR). RESEARCH INST. OF

ACADEMY OF NATURAL SCIENCES OF

A Study of the Possibility of Indicating Bacteria in Water by a Spectroultramicroscopic

7-21 5A

PUBLIC WATER SUPPLY, WATER

PURIFICATION.

W74-11121

W74-00025

W74-00237

7-04 5B

Soil Denitrification in Sealed Soil-Plant

Systems: I. Effect of Plants, Soil Water Con-

tent and Soil Organic Matter Content,

Method, (In Russian),

7-19 5A

ACADEMIA R. S. R., BUCHAREST.

Hydrocarst Structures,

INSTITUTUL DE BIOLOGIE.

water Animals, (In Rumanian),

W74-10108

7-24 6F

INSTITUTUL DE FIZICA ATOMICA.

9 MINNESOTA DEPT. OF NATURAL

Your Lake Insurance Policy,

W74-13231

HYGIENE.

RESOURCES, ST. PAUL. DIV. OF WATERS, SOILS AND MINERALS.

AARHUS UNIV. (DENMARK). INST. OF

Competitive Growth of Salmonella and Pseu-

domonads in Tetrathionate Enrichment Broth,

The Effect of CuSo4 Algicide Doses Upon the

Routine Metabolism of Common Carp (Cyprinus carpio L.) And Prussian Carp

(Carassius auratus gibelio (Bloch)), (In Rumani-

an), W74-11176

W /4-00108 /-12 3C	7-07-040	PHILADELPHIA, AVONDALE, PA. STROUD
AASE (GEORGE) AND ASSOCIATES, INC.,	ACADEMIA R. S. R., CLUJ. CENTRUL DE	WATER RESEARCH CENTER.
TALLAHASSEE, FLA.	CERCETARI BIOLOGICE.	Dieldrin. Effects of Chronic Sublethal Expo-
Availability of Fresh Water in the East Central	Contribution to Knowledge about the Algae	sure on Adaptation to Thermal Stress in Fresh-
Florida Planning Region.	(Excluding Bacillariophyceae) of Stagnant	water Fish, W74-01408 7-03 5C
W74-01481 7-03 6D	Waters of the Iron Gates of the Danube,	W /4-01406 /-03 3C
ADADAM MODERNIA (DAM)	W74-02699 7-06 5C	ACADEMY OF NATURAL SCIENCES OF
ABADAN INST. OF TECH. (IRAN).	ACADEMIA SINICA, TAIPEI (TAIWAN). INST.	PHILADELPHIA, BENEDICT, MD. BENEDICT
Steady and Unsteady Flow Towards Gravity	OF ZOOLOGY.	ESTUARINE LAB.
Wells, W74-03161 7-06 4B	High Zinc Concentration in Common Carp	Phytoplankton of the Chesapeake Bay,
W/4-03161 /-06 4B	Viscera,	W74-00896 7-02 2L
ABBOTT LABORATORIES, NORTH CHICAGO,	W74-11946 7-22 5C	
ILL. NUTRITION RESEARCH DEPT.	A CADEMY OF A CRICIL TURAL COLENORS	Modularized Systems for Field Analysis of Pri-
Excretion Studies in Swine Fed Arsanilic Acid,	ACADEMY OF AGRICULTURAL SCIENCES,	mary Production in Chesapeake Bay,
W74-00400 7-01 5B	CHIRPAN (BULGARIA). INST. OF COTTON. A Study on the Depth of Basic Tillage and Soil	W74-12268 7-23 5A
ARCOD INC CAMPRINGS MACC	Fertilization for Maize Grown Under Irrigation.	ACADEMY OF NATURAL SCIENCES OF
ABCOR, INC. CAMBRIDGE, MASS.	(In Bulgarian),	PHILADELPHIA, PA.
Testing Reverse Osmosis Modules for Wash-	W74-04828 7-09 3F	Range Extensions of Corbicula manilensis
water Recycling, W74-01924 7-04 5D		(Philippi) in the Atlantic Drainage of the United
W 74-01924 7-04 3D	Density of Growth and Level of Fertilization as	States,
Ultrafiltration Concept for Separating Oil from	Influencing the Water Consumption of Maize,	W74-08685 7-16 21
Water,	(In Bulgarian),	
W74-10620 7-20 5D	W74-05339 7-10 3F	A Sport Fishing Survey in the Vicinity of a
	ACADEMY OF AGRICULTURAL SCIENCES,	Steam Electric Station on the Patuxent Estua-
ABERDEEN UNIV. (SCOTLAND). SCHOOL OF	KARNOBAT (BULGARIA). COMPLEX	ry, Maryland,
AGRICULTURE.	RESEARCH INST. OF AGRICULTURE.	W74-13472 7-24 2L
The Observation of Micro-Organisms on Sur-	Comparative Testing of Short-Term Wheat	ACADEMY OF NATURAL SCIENCES OF
faces by Incident Fluorescence Microscopy, W74-02989 7-06 5A	Monoculture, (In Bulgarian),	
W74-02989 7-06 5A	W74-04831 7-09 3F	PHILADELPHIA, PA. DEPT. OF LIMNOLOGY. Bacteria and the Assessment of Water Quality,
ABT ASSOCIATES, INC., CAMBRIDGE, MASS.	A CAREMY OF A CRICULTURAL SCIENCES	W74-12179 7-23 5A
A Social Report - Man and Water, The Rela-	ACADEMY OF AGRICULTURAL SCIENCES,	W 14-12119 1-23 3A
tionship between Social Psychological Systems	KHASKOVO (BULGARIA). COMPLEX EXPERIMENTAL STATION.	ACADEMY OF NATURAL SCIENCES OF
and Water Resources Development,	Water Consumption and Biological Coefficient	PHILADELPHIA, PA. DEPT. OF LIMNOLOGY;
W74-04170 7-08 6B	of Furrow and Sprinkler Irrigated Cotton, (In	AND ACADEMY OF NATURAL SCIENCES OF
	Bulgarian).	PHILADELPHIA, BENEDICT MD. BENEDICT
Planning and Human Values - An Inquiry into	W74-04824 7-09 3F	ESTUARINE LAB.
the Phenomenon of Urban Growth and the Pos-		An Annual Plankton Cycle on the Chesapeake
sibility of its Control through Water and Land	ACADEMY OF AGRICULTURAL SCIENCES,	Bay in the Vicinity of Calvert Cliffs, Maryland.
Related Actions,	TOLBUKHIN (BULGARIA). INST. OF WHEAT	June 1969 - May, 1970,
W74-12354 7-23 6B	AND SUNFLOWERS.	W74-02863 7-06 5C
ACADEMIA R. S. R., BUCHAREST.	Productivity and Grain Qualities of Certain Newly Developed Native and Foreign Wheat	
INSTITUTUL DE BIOLOGIE.	Varieties Grown Under Irrigation, (In Bulgari-	ACADEMY OF NATURAL SCIENCES,
Some Ecological Data on Freshwater Os-	an).	PHILADELPHIA, PA. DEPT. OF LIMNOLOGY.
tracods of the Temporary and Permanent	W74-04832 7-09 3F	Use of Algae, Especially Diatoms, in the As-
Waters in the Vicinity of Bucharest (In Ru-	174-04032	sessment of Water Quality,
manian),	ACADEMY OF MINING AND METALLURGY,	W74-12180 7-23 5A
W74-01000 7-02 2I	KRAKOW (POLAND). INST. OF	ADELAIDE UNIV. (AUSTRALIA). DEPT. OF
The Deletionships Detroop Cail Maintena and	HYDROGEOLOGY AND ENGINEERING	AGRICULTURAL BIOCHEMISTRY AND SOIL
The Relationships Between Soil Moisture and	GEOLOGY.	SCIENCE.
the Degree of Stomata Opening in the Corn Double Hybrid.	The Influence of an Industrial Plant on the	Soil Denitrification in Sealed Soil-Plant
W74-01816 7-04 3F	Chemistry of Quaternary Waters in its Vicinity,	Systems: II. Effect of Soil Water Content and
17-01010 7-04 3F	Upper Odra River Valley, (In Polish), W74-00266 7-01 5A	Form of Applied Nitrogen,
Hydrochemical Investigations Regarding the	W /4-00200 /-01 3A	W74-00014 7-01 2G
River Olt, in the Section of Turnu Rosu Pass,	Pollution Endangered Underground Waters in	
(In Rumanian),	the Neighbourhood of a Sewage Catchpit	Soil Dentrification in Sealed Soil-Plant
W74-02903 7-06 2K	Designed on the Moraine Highland of Northern	Systems: III. Effect of Disturbed and
	Poland,	Undisturbed Soil Samples,

The Influence of a Chemical Plant Sewage Sedimentation Catchpit on Groundwaters of

the Upper Vistula Floodplain,

Poland,

W74-01754

7-21 5C

7-01 2G

7-01 2G

ADELAIDE UNIV. (AUSTRALIA). DEPT. OF ZOOLOGY.

ADELAIDE UNIV. (AUSTRALIA). DEPT. OF ZOOLOGY.	AGENCE NATIONALE DE VALORISATION DE LA RECHERCHE, COURBEVOIE (FRANCE).	AGRICULTURAL RESEARCH INST., CEDARA (SOUTH AFRICA).
Toxicity Bioassays of Cadmium on Selected	ASSIGNEE.	Effects of Rainfall and Differential Application
Freshwater Invertebrates and the Interaction of Cadmium and Zinc on the Freshwater Shrimp,		of N, P, K and Ca on the Downward Move- ment of K in an Avalon Medium Sandy Loam
Paratya Tasmaniensis Riek,	W74-07224 7-14 8B	Cropped with Maize (Zea Mays L.),
W74-11307 7-21 5C		W74-13251 7-24 2G
ADELPHI UNIV., GARDEN CITY, N.Y. INST.	AGENCY FOR INTERNATIONAL	AGRICULTURAL RESEARCH
OF MARINE SCIENCE.	DEVELOPMENT, WASHINGTON, D.C. OFFICE OF AGRICULTURE AND FISHERIES.	ORGANIZATION, BET-DAGAN (ISRAEL).
Sanitary Implications of Small Boat Pollution in	Methods of Transfer of Water Resources	DEPT. OF SOIL PHYSICS.
an Atlantic Estuary, W74-08771 7-17 50	Knowledge from Developed to Developing Re-	Anion Exclusion and Coupling Effects in Non- steady Transport Through Unsaturated Soils:
W74-08771 7-17 50	gions with Special Emphasis to On-Farm Water	II. Laboratory and Numerical Experiments,
ADVANCED TECHNOLOGY CENTER, INC.,	Management, W74-00219 7-01 10A	W74-07631 7-15 2G
DALLAS, TEX.		AGRICULTURAL RESEARCH
Environmental Impact Study for Expansion of the Village Creek Sewage Treatment Plant.	improving Farm Production in Regions of	ORGANIZATION, BET-DAGAN (ISRAEL).
W74-01035 7-02 5I	Limited Rainfall,	INST. OF SOILS AND WATER.
	W74-05224 7-10 3F	Conversion of Some Organo-Phosphorus Insec-
ADVANCED WASTE TREATMENT RESEARCH LAB.	AGENCY FOR INTERNATIONAL	ticides on Adsorbing Surfaces as Affected by Formulation,
Waste Treatment for Small Flows,	DEVELOPMENT, WASHINGTON, D.C. OFFICE	W74-05435 7-11 5B
W74-02723 7-06 5I	OF THE WAR ON HUNGER.	
ADVISORY COMMITTEE TO THE STATE	Community Water Supply. W74-04510 7-09 4B	Effect of Partial Penetration on Flow in Uncon-
LAND BOARD, SALEM, ORE.	W /4-04310 /-09 4B	fined Aquifers Considering Delayed Gravity Response,
Submerged and Submersible Lands of Oregon.	AGRICULTURAL DEVELOPMENT AND	W74-07514 7-14 2F
W74-08516 7-16 6I		The Surface Catalyzed Hydrolysis of Parathion
AEGEAN UNIV., BORNOVA (TURKEY).	(ENGLAND). Manuring of Potatoes on Fen Silt Soils in Hol-	on Kaolinite,
Preliminary Survey of Golcuk, A Eutrophic		W74-07628 7-15 5B
Mountain Lake in Western Turkey,	W74-00422 7-01 3F	A CONTOUR OF A PROPERTY OF
W74-03946 7-08 50		AGRICULTURAL RESEARCH ORGANIZATION, DOR (ISRAEL). FISH AND
On Saltwater Hot Springs in the Coast Area o	AGRICULTURAL INST., PRISTINA (YUGOSLAVIA).	AQUACULTURE STATION.
Western Anatolia, Turkey (Uber Salzwasser		Ichthyophthirius Multifilis (Fouquet) in the
Thermen Im Kustenland Von West-Anatolien	Kosovo Region, (In Serbo-Croatian),	Mirror Carp, Cyprinus Carpio L.: I. Course of
Turkei), W74-04270 7-08 21	W74-03943 7-08 3F	Infection, W74-13397 7-24 5C
W/4-042/0	AGRICULTURAL RESEARCH COUNCIL,	
Bottom Fauna of Golcuk Lake. 1. Population	PRICHTON (ENGLAND) UNIT OF	AGRICULTURAL RESEARCH SERVICE,
Study of Chironomids, Chaoborus and Oligochaeta,	INVERTEBRATE CHEMISTRY AND	ATHENS, GA. SOUTHEAST WATERSHED RESEARCH CENTER.
W74-05044 7-10 50	PHYSIOLOGY.	Flow Measurement of Low-Gradient Streams
AND	The Effect of Aldrin on Water Balance in the	in Sandy Soils,
AEROBIOTIC SCIENCES INC., JERSEY CITY, N.J.	Freshwater Pulmonate Gastropod (Biomphalaria glabrata),	W74-11523 7-22 7B
Sewage Disposal System,	W74-01525 7-03 5C	AGRICULTURAL RESEARCH SERVICE,
W74-10577 7-20 51		AUBURN, ALA.
AEROJET NUCLEAR CO., IDAHO FALLS,	AGRICULTURAL RESEARCH COUNCIL,	Evaluation of a Furrow Modifying Device,
IDAHO.	CAMBRIDGE (ENGLAND). UNIT OF SOIL PHYSICS.	W74-06588 7-13 3F
Telemetered Profiling Isotopic Snow Gauge		AGRICULTURAL RESEARCH SERVICE,
Final Report and Specifications,	teristics,	AUBURN, ALA. SOIL AND WATER
W74-09757 7-18 20	W74-09625 7-18 2G	CONSERVATION RESEARCH DIV. Effect of Drying on Water Retention of a Pud-
AERONAUTICS RESEARCH ASSOCIATES OF	A Comparison of Physically-Based Infiltration	dled Soil,
PRINCETON, INC., N.J.	Fauations	W74-03186 7-06 2G
The Development and Preliminary Applicatio of an Invariant Coupled Diffusion and Chemis	W74-10823 7-20 2G	AGRICULTURAL RESEARCH SERVICE.
try Model,	Seepage Rates and the Horizontal Flow Ap-	BATON ROUGE, LA.
W74-01095 7-02 5	proximation,	Agricultural Chemicals in Surface Runoff,
APPOCRACE MEDICAL DECEARCH LAR	W74-12297 7-23 8D	Ground Water, and Soil: 1. Endrin,
AEROSPACE MEDICAL RESEARCH LAB., WRIGHT-PATTERSON AFB, OHIO.		W74-02152 7-05 5B
Acute Toxicity of Beryllium Sulfate to th	AGRICULTURAL RESEARCH COUNCIL,	Chemical and Biochemical Considations for
Common Guppy,	CROPS DESEABOH INST	Maximizing the Efficiency of Fertilizer
W74-03297 7-07 56	The Effects of Nitrogen, Potassium, and Subir-	Nitrogen, W74-08326 7-16 5B
Trace Determination of Beryllium Oxide i	rigation on the Yield, Quality, and Composition	
Biological Samples by Electron-Capture Ga	of Single-Truss Tomatoes,	AGRICULTURAL RESEARCH SERVICE,
Chromatography,		BELTSVILLE, MD.
W74-11389 7-21 5.	AGRICULTURAL RESEARCH COUNCIL,	National Livestock Waste Management Pro- gram,
AEROSPACE RESEARCH LABS., WRIGHT-	NORWICH (ENGLAND). FOOD RESEARCH	W74-00126 7-01 5G

NORWICH (ENGLAND). FOOD RESEARCH INST.
The Effect of Hypochlorite on the Germination

The Effect of Hypochiolic Conference of Spores of Clostridium bifermentans, 7-08 5C

Coumaphos as a Feed Additive for the Control

Coumaphos as a Feeu August of House Fly Larvae in Cow Manure, 7-01 5D

Flow Visualization Using a Selectivity Sensi-

7-23 2E

PATTERSON AFB, OHIO.

tive Fluorescent Dye, W74-12080

ORGANIZATIONAL INDEX AGRICULTURAL RESEARCH SERVICE, DURANT, OKLA. WATER QUALITY MANAGEMENT

The Physical Processes in the Soil as Related to Sewage Sludge Application,	Merit, Red Rock and Potomac: Tomato Varie- ties Adapted to Mechanical Harvesting,	AGRICULTURAL RESEARCH SERVICE, BUSHLAND, TEX. SOUTHWESTERN GREAT
W74-05970 7-12 5D	W74-13371 7-24 3F	PLAINS RESEARCH CENTER. Evaluation of Graded Furrow Irrigation with
Crop and Food Chain Effects of Toxic Elements in Sludges and Effluents, W74-05978 7-12 5D	AGRICULTURAL RESEARCH SERVICE, BELTSVILLE, MD. SOIL AND WATER CONSERVATION RESEARCH DIV.	Length of Run on a Clay Loam Soil, W74-08927 7-17 3F
Deep Plowing - An Engineering Appraisal,	Soil and Water Conservation Research: Chal- lenge for the 70's,	AGRICULTURAL RESEARCH SERVICE,
W74-06590 7-13 3F	W74-10750 7-20 3F	CHICKASHA OKLA. SOIL AND WATER CONSERVATION RESEARCH DIV. Objective Regionalization of Peak Flow Rates,
AGRICULTURAL RESEARCH SERVICE, BELTSVILLE, MD. AGRICULTURAL	AGRICULTURAL RESEARCH SERVICE, BELTSVILLE, MD. SOILS LAB. Rationale for Optimum Nitrogen Fertilization	W74-01174 7-03 4D
ENVIRONMENTAL QUALITY INST. Distribution of Alkyl Arsenicals in Model		AGRICULTURAL RESEARCH SERVICE,
Ecosystem,	W74-08929 7-17 3F	CHICKASHA, OKLA. SOUTHERN GREAT PLAINS WATERSHED RESEARCH CENTER.
W74-01409 7-03 5C	Nitrogen Mineralization Potentials of Soils,	Effect of Two Impoundments on the Salinity
Chlorodioxins in Pesticides, Soils, and Plants,	W74-11272 7-21 2G	and Quantity of Stored Waters, W74-05335 7-10 5B
W74-02371 7-05 5B	AGRICULTURAL RESEARCH SERVICE,	
Azide and Ethylenethiourea Mobility in Soils,	BERKELEY, CALIF. WESTERN REGIONAL RESEARCH LAB.	AGRICULTURAL RESEARCH SERVICE, CLAY CENTER, NEBR. MEAT ANIMAL RESEARCH
W74-06896 7-13 5B	Absorption of Mercuric Cation by Tannins in	CENTER.
Nitrogen Mineralization-Water Relations in Soils,	Agricultural Residues, W74-08314 7-16 5G	Waste-Induced Problems of Housed Livestock, W74-00139 7-01 5G
W74-06897 7-13 5B	AGRICULTURAL RESEARCH SERVICE,	Area Director's Summary,
Acid Ammonium Acetate Extraction and Elec-	BOISE, IDAHO. NORTHWEST WATERSHED	W74-00143 7-01 5G
tron Capture Gas Chromatographic Determina-	Soil Moisture Trends on Sagebrush Range-	AGRICULTURAL RESEARCH SERVICE,
tion of Carbofuran in Soils, W74-07574 7-14 5A	londo	COLLEGE PARK, MD.
W14-01514	W74-04074 7-08 2G	Solid Composting of Dairy Manure, W74-10311 7-19 5D
AGRICULTURAL RESEARCH SERVICE,	Mathematical Simulation of Subsurface Flow	
BELTSVILLE, MD. ANIMAL SCIENCE RESEARCH.	Contributions to Snowmelt Runoff, Reynolds	AGRICULTURAL RESEARCH SERVICE,
Effect of Bacillus Thuringiensis in Cattle	Creek Watershed, Idaho,	COLLEGE STATION, TEX. VETERINARY TOXICOLOGY AND ENTOMOLOGY
Manure on House Fly Larvae,	W74-07516 7-14 2F	RESEARCH LAB.
W74-00414 7-01 50	rome out the modelines but itely	Nature and Toxicity of Two Oxychlordane
AGRICULTURAL RESEARCH SERVICE.	BRAWLEY, CALIF. IMPERIAL VALLEY	Photoisomers,
BELTSVILLE, MD. BIOLOGICAL WASTE	CONSERVATION RESEARCH CENTER. A Flow Path Ground Water Sampler,	W74-07584 7-14 5C
MANAGEMENT LAB.	W74-03126 7-06 7B	AGRICULTURAL RESEARCH SERVICE,
Dehydrated Poultry Manure as a Crude Proteir		COLUMBIA, MO.
Supplement for Sheep, W74-00413 7-01 50	Manganese and Iron Solubility Changes as a Factor in Tile Drain Clogging: I. Observations	Summer Environmental Modification Systems for Dairy Cow Housing in the United States,
	During Flooding and Drying,	W74-10299 7-19 5D
Sludge Disposal Studies at Beltsville, W74-11841 7-22 5D	W74-07151 7-14 2G	ACDICULTUDAL DECEADOR CEDUICE
W74-11841 7-22 5E	Manganese and Iron Solubility Changes as a	AGRICULTURAL RESEARCH SERVICE COSHOCTON, OHIO. NORTH APPALACHIAN
AGRICULTURAL RESEARCH SERVICE,	Factor in Tile Drain Clogging: II. Observations	EXPERIMENTAL WATERSHED.
BELTSVILLE, MD. FARMSTEAD WATER	During the Growth of Cotton, W74-07152 7-14 2G	Effect of Long-Term Management on Physical
SYSTEMS RESEARCH. Well Construction Helps Determine Water		and Chemical Properties of the Coshocton
Quality,	Shallow Drain Performance in a Heavy Soil,	Watershed Soils, W74-08813 7-17 4D
W74-00954 7-02 5E	W74-07442 7-14 4A	
AGRICULTURAL RESEARCH SERVICE,	Tolerance of Rice (Oryza Sativa L.) to Salt	AGRICULTURAL RESEARCH SERVICE, COSHOCTON, OHIO. SOIL AND WATER
BELTSVILLE, MD. HYDROGRAPH LAB.	During Boot, Flowering, and Grain-Filling	CONSERVATION RESEARCH DIV.
Watershed Models: Tools in Planning Land	Stages, W74-08080 7-15 3C	Nutrient Content of Barnlot Runoff Water,
Management for Water and Pollution Control,		W74-01890 7-04 5B
W74-05570 7-11 2A	AGRICULTURAL RESEARCH SERVICE,	AGRICULTURAL RESEARCH SERVICE.
Two- and Three-Point Models of the Soi	BROOKINGS, S. DAK. SOIL AND WATER CONSERVATION RESEARCH DIV.	COUNCIL BLUFFS, IOWA. NORTH CENTRAL
Moisture Characteristic and Hydraulic Conduc	Soil and Water Losses as Affected by Tillage	WATERSHED RESEARCH CENTER.
tivity for Field Use, W74-12819 7-24 20	Practices,	Quality of Water Discharged from Two Agricultural Watersheds in Southwestern Iowa,
W/4-12819 /-24 20	W74-06595 7-13 3F	W74-07528 7-14 5E
AGRICULTURAL RESEARCH SERVICE,	AGRICULTURAL RESEARCH SERVICE,	
BELTSVILLE, MD. PLANT PHYSIOLOGY INST.	BURLINGTON, VT. NEW ENGLAND	AGRICULTURAL RESEARCH SERVICE, DAVIS, CALIF. AGRICULTURAL
Nitrate Determination by a Modified Conway	WATERSHED RESEARCH CENTER. Effect of Agricultural Management of Wet	ENGINEERING RESEARCH DIV.
Microdiffusion Method,	Sloping Soil on Nitrate and Phosphorus in Sur-	Sprinkling Cattle for Relief from Heat Stress,
W74-03845 7-08 20	face and Subsurface Water,	W74-00421 7-01 3F
AGRICULTURAL RESEARCH SERVICE,	W74-00371 7-01 5B	AGRICULTURAL RESEARCH SERVICE,
BELTSVILLE, MD. PLANT SCIENCE	AGRICULTURAL RESEARCH SERVICE,	DURANT, OKLA. WATER QUALITY
RESEARCH DIV.	BUSHLAND, TEX.	MANAGEMENT LAB.
Bionomics and Integrated Control of Plan		Relative Movement of Bromide and Nitrate
Parasitic Nematodes, W74-06336 7-12 5F	Bed-Furrow System, W74-06580 7-13 3F	Through Soils, W74-07423 7-14 5E
7-12 31		7-14 32

AGRICULTURAL RESEARCH SERVICE, FARGO, N. DAK.

AGRICULTURAL RESEARCH SERV FARGO, N. DAK. Gas Chromatography of Substitute	ed Phenylu-	AGRICULTURAL RESEARCH SERVICE KIMBERLY, IDAHO. SNAKE RIVER CONSERVATION RESEARCH CENTER Sprinkler Precipitation Gage Errors,		AGRICULTURAL RESEARCH SERVICE, MADISON, WIS. SOIL AND WATER CONSERVATION RESEARCH DIV. Measurement of Hydraulic Conductivi	iou D	
reas by Flash-Heater Methyla Trimethylanilinium Hydroxide,			7-13 3F	Means of Steady, Spherically Sym		
W74-05480	7-11 5A	Controlling Soil Crusting with Phospho	oric Acid	Flows, W74-06735 7-1	3 20	c
AGRICULTURAL RESEARCH SERV	ICE, FORT	to Enhance Seedling Emergence,				
COLLINS, COLO. Precolumn Inlet System for the Gas	Chromoto	W74-08279	7-16 3F	Jump Conditions in the Hydrodynam Porous Media,	ics c	21
graphic Analysis of Trace Quantitie		Air Temperature and Vapor Pressure	Changes		24 2	F
Chain Aliphatic Amines,	es of Short-	Caused by Spinkler Irrigation,				
W74-01357	7-03 5A	W74-08757	7-17 3F	A Versatile Soil Water Flux Meter,		_
Di La an Di andari Danama di an		Predicting Optimum Depth of Profile !	Modifica-	W74-12837 7-2	24 20	G
Picloram Photolytic Decomposition W74-02383	7-05 5B	tion by Deep Plowing for Improvin		AGRICULTURAL RESEARCH SERVICE,		
W 74-02383	7-03 JB	Sodic Soils,		MANDAN, N. DAK.		
Vacuum Extractors to Assess Deep		W74-09812	7-19 2G	Deep Plowing and Chemical Amendme	nt E	f-
Losses and Chemical Constituer	nts of Soil	AGRICULTURAL RESEARCH SERVIC	E.	fect on a Sodic Claypan Soil,	13 3	
Water,	7-08 7B	LAFAYETTE, IND.	~,	W74-06598 7-	13 3	r
W74-03779	/-08 /B	Phosphorus Relationships in Runoff f	rom Fer-	AGRICULTURAL RESEARCH SERVICE,		
Self-Closing Irrigation Pipe Valve,		tilized Soils,		MANDAN, N. DAK. NORTHERN GREAT		
W74-05670	7-11 8B		7-09 5B	PLAINS RESEARCH CENTER. Visual Recorder for Energize-Deenergi	ze C	y-
Capillary Properties of Soils - Inf	luence upon	Transport of Soil Particles by Shallow W74-05669	7-11 2J	cles,		
Specific Yield,	7.12 00	W 74-03009	7-11 23	W74-01771 7-4	04 7	В
W74-06584	7-13 2F	Nitrogen and Phosphorus Compositio	n of Sur-	Effect of Temperature and Plant Water	Stre	92
Objectives of Irrigation Manageme	ent Commit-	face Runoff as Affected by Tillage Me		on Photosynthesis Diffusion Resistance		
tee,		W74-06344	7-12 5B	Leaf Water Potential in Spring Wheat,	-,	
W74-08264	7-16 3F	AGRICULTURAL RESEARCH SERVIC	E.	W74-08075 7-	15 3	F
Prediction of Water Loss from a	Fallow Field	Y ADAMED WING	-,	Recovery, Residual Effects, and F	nto	of
Soil Based on Soil Water Flow The		Water Harvesting Efficiencies of I	Four Soil	Nitrogen Fertilizer Sources in a Semia		
W74-10218	7-19 2D			gion,	110 10	•
			7-12 3B		15 5	В
Effect of Cattle Feedlot Volatile Amines, on Chlorella Ellipsoidea G		AGRICULTURAL RESEARCH SERVIC	E,	Different of Complemental Water on Boar		
W74-11238	7-21 5C	LINCOLN NED		Effect of Supplemental Water on Barl Corn Production in a Subhumid Region.	ey ar	ıu
W 14-11230	7-21 30	A Programmed Sampler for Rui	noff and		17 3	F
AGRICULTURAL RESEARCH SERV		Bedloads,				
COLLINS, COLO. PLANT SCIENCE		W74-08361	7-16 5A	Ionic Balance for Barley as Influence	d by	P
RESEARCH DIV. Recovery of Mercury in Solution,		AGRICULTURAL RESEARCH SERVIC	E,	Fertility, Water, and Soil Temperature,	17 3) E
W74-01995	7-04 5D	LINCOLN, NEBR.		W74-08810 7-	1/ 3	r
1111 01275		Pollution of Air, Water, and Soil by L		Measurement of Leaf Water Potential in	Whe	at
AGRICULTURAL RESEARCH SERV		W74-00128	7-01 5G	with a Pressure Chamber,		
FRESNO, CALIF. GROUND WATER	1	Design and Management of Runof	f Control	W74-10811 7-	20 3	3F
RECHARGE FIELD STATION. Ground-Water Recharge for Urban	Heat Lasks	0		Photosynthesis, Diffusion Resistance an	d Re	a-
Acres Project,	USC. LCak)	W74-00130	7-01 5G	tive Plant Water Content of Cotton		
W74-02468	7-05 4E	Characteristics of Animal Wastes and	Dunoff	fluenced by Induced Water Stress,		
		11/74 00121	7-01 5G	W74-13457 7-	-24 3	3F
The City of Fresno's Leaky Ac				AGRICULTURAL RESEARCH SERVICE		
Water Recharge ProjectConstruction	tion and Per	rollution of All, water and Soll by Li		MORRIS, MINN.	•	
W74-06358	7-12 4E	W74-00135	7-01 5G	Sorption of Orthophosphate on the Sur	face	of
		Research Needs for the Design and	Manage-	Water Sample Containers,		
AGRICULTURAL RESEARCH SER		ment of Beef Feedlot Runoff Control		W74-12307 7-	23 5	5A
FRESNO, CALIF. SOIL AND WATE		W74-00137	7-01 5G	ACDICIU TUDAL DESEADOU SEDVICE		
CONSERVATION RESEARCH DIV. Nitrates in Soil and Ground Water				AGRICULTURAL RESEARCH SERVICE MORRIS, MINN. NORTH CENTRAL SOI	_	
rigated and Fertilized Crops,	Deneath II	Characteristics of Livestock Waste noff,	and Ru-	CONSERVATION RESEARCH CENTER.		
W74-01245	7-03 3H	W74-00138	7-01 5G	Nitrogen and Phosphorus Losses in		ce
. COLOUR DUD . I DECE . D.CH CDD	uron.			Runoff from Agricultural Land as Inf	luenc	ed
AGRICULTURAL RESEARCH SER		Nitrogen Losses in Surface Run		by Placement of Broadcast Fertilizer,	00	
KERRVILLE, TEX. ENTOMOLOGY RESEARCH DIV.		Agricultural Watersheds on Missou	iri Valley	W74-04096 7-	-08 .	SC
Toxicity to House Flies and He	orn Flies o	Loess, W74-06345	7-12 5B	Effect of Varying the On-Off Time of	Rainf	all
Manure from Insecticide Fed Cattl	e,	11 7 7 000 10		Simulator Nozzles on Surface Sealing		
W74-00423	7-01 50		CE,	take Rate,		
AGRICULTURAL RESEARCH SER	VICE.	LOGAN, UTAH.	aid Dana	W74-06903	7-13	23
KERRVILLE, TEX. LIVESTOCK IN		Differential Tolerance of Some A Wheatgrasses to Snow Mold,	niu-kange	AGRICULTURAL RESEARCH SERVICE	,	
LAB.		W74-05927	7-11 2I	MORRIS, MINN. SOIL AND WATER		
Gas-Liquid Chromatographic Dete	rmination o			CONSERVATION RESEARCH DIV.		

7-12 3B

Floating Sheets of Foam Rubber for Reducing

Stock Tank Evaporation,

W74-06458

The Role of Rainfall Impact in Soil Detachment

7-06 2J

and Transport,

W74-02769

W74-02384

Gas-Liquid Chromatographic Determination of Chlorfenvinphos in Milk, Eggs, and Body Tissues of Cattle and Chickens,

7-05 5A

AGRICULTURAL RESEARCH SERVICE,

An Equation for Describing Water Vapor Ad-

sorption Isotherms of Soils, W74-01087

AGRICULTURAL RESEARCH SERVICE, RIVERSIDE, CALIF. SALINITY LAB.

Reducing Seepage from Stock Tanks with Un-High-Rate Land Treatment II: Water Quality

NORFOLK, VA. Suitability of Food Processing Waste	Water for	compacted, Sodium-Treated Soils, and Economic Aspects of the Flus W74-01718 7-04 4A Meadows Project,	shing
Irrigation,			5D
W74-03482	7-07 5D	Trickle Irrigation on Cotton, W74-02347 7-05 3F A Miniature Gravity-Fed Thermocc	ouple
AGRICULTURAL RESEARCH SERVI	CE,	Design and Operation of Land Treatment Psychrometer, W74-12747 7-23	70
ORONO, MAINE.	tata Diant	Systems for Minimum Contamination of	7B
Water Stress Relations of the Po	otato Plant	Groundwater, The Numerical Analysis of Flow	in
under Field Conditions, W74-08811	7-17 3F	W74-03223 7-07 5D Heterogeneous Porous Media,	2G
ACRECULTURAL RECEARCH CERVI	CP	Renovating Sewage Effluent by Ground Water W74-12828 7-24	20
AGRICULTURAL RESEARCH SERVI		Recharge. AGRICULTURAL RESEARCH SERVICE,	
OXFORD, MISS. SEDIMENTATION L. Sediment Yield Estimates Based on I		W74-03520 7-07 5D PROSSER, WASH.	
Measurements and Samples,	rioodwater	Effective Available Water and Its Relation	
W74-03214	7-07 2J	Water Vapor Movement Through Mulches Evapotranspiration Rate, Depth of Wel	tting,
		Under Field Conditions, and Soil Texture, W74-03784 7-08 2G W74-00608 7-02	2G
Determination of Fallout CS-137 and		7-02	20
Occurring Gamma-Ray Emitters in S W74-04190	7-08 5B	Lower Cost Water Harvesting Methods, AGRICULTURAL RESEARCH SERVICE,	
W /4-04190	7-08 3B	W74-03952 7-08 3B PROSSER, WASH. IRRIGATED	
Distribution of Cesium-137 in	a Small	Simulation of the Energy Balance of a Green-	ION
Watershed in Northern Mississippi,		CENTER.	A 16-1
W74-05191	7-10 5B	W74-04126 7-08 2I Occurrence of Phytophthora Root Rot of A	Anai-
Reservoir Sedimentation,		11/74 02080 7.04	3F
W74-06883	7-13 2J	wat s New in Deep-well injection,	
W 74 00003	713 23	W74-04265 7-08 5E A Quick-Weighing Lysimeter System Chec	
Estimating Soil Erosion from the Re-	distribution	Land Treatment of Liquid Waste: The W74-10749 7-20	7B
of Fallout Cs-137,		Hydrologic System, AGRICULTURAL RESEARCH SERVICE,	
W74-06901	7-13 2J	W74-05975 7-12 5D PULLMAN, WASH. SOIL AND WATER	
Vertical Distribution of Fallout Ces	sium-137 in	Renovating Municipal Wastewater by High-	
Cultivated Soils.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Pate Infiltration for Ground-Water Decharge	
W74-08644	7-16 5B	W74.06364 7.12 SD Tor Annydrous Ammonia Under Irrigated	i and
		Dryland Conditions,	**
AGRICULTURAL RESEARCH SERVI		wax-ireated Soils for marvesting water,	5G
PEORIA, ILL. NORTH CENTRAL RE Regional Administrator's Summary,		W74-06457 7-12 3B Soil Mulch Effects on Seedbed Temper	rature
W74-00141	7-01 5G	Gamma Radiation Measurements of Bulk Den- and Water During Fallow in Eastern Was	shing-
W/4-00141	7-01 30	sity Changes in a Soil Pedon Following Irriga-	
Regional Administrator's Summary,		tion, W74-10333 7-19	3F
W74-00142	7-01 6B	W74-06715 7-13 2G AGRICULTURAL RESEARCH SERVICE,	
AGRICULTURAL RESEARCH SERVI	CF	Nitrogen Removal by Soil Mechanisms, RENO, NEV. SOIL AND WATER	
PEORIA, ILL. NORTHERN MARKET		W74-08081 7-15 SD CONSERVATION RESEARCH DIV.	
NUTRITION RESEARCH DIV.		Infiltration and Water Table Effects of So	il Air
Recovery of Animal Feed from Catt	le Manure,	Uniform Irrigation with Low-Pressure Trickle Pressure Under Border Irrigation, Systems 7-14	4 3F
W74-00429	7-01 5D	Dystems,) 3F
AGRICULTURAL RESEARCH SERVI	ICE	W74-08323 7-16 3F AGRICULTURAL RESEARCH SERVICE,	
PEORIA, ILL. NORTHERN REGIONA		Cotton Leaf Temperatures as Related to Soil RIESEL, TEX.	
RESEARCH LAB.	AL.	Water Depletion and Meteorological Factors, Hymo: Problem-Oriented Computer Language	guage
Mercury Removal from Waste	Water with	W74-08755 7-17 3F for Hydrologic ModelingUsers Manual,	
Starch Xanthate-Cationic Polymer C	Complex,	W74-02469 7-05 Light and Temperature Relations in a Small	5 2A
W74-04541	7-09 5D	Desert Pond as Influenced by Phytoplanktonic Changes in Water Yield of Small Water	sheds
Scanning Electron Microscopy o	f Pastarial	Density Variations, by Agricultural Practices,	
Colonies,	i bacteriai	W74-08758 7-17 5C W74-06597 7-13	3 2E
W74-04885	7-10 5A	Wassessment of Displaces on Inflant	Into
1177 01005		Cotton Leaf Temperatures as Related to Soil Water Depletion and Meteorological Factors Leaky Reservoirs,	Into
AGRICULTURAL RESEARCH SERV			2 7B
PHILADELPHIA, PA. EASTERN UTI		777 31	
RESEARCH AND DEVELOPMENT D Reverse Osmosis: Application to Po	IV.	Trickle Irrigation Application Uniformity AGRICULTURAL RESEARCH SERVICE,	
Factory Waste Effluents,	otato-staten	from Simple Emitters, W74-08918 7-17 3F RIVERSIDE, CALIF. Enrichment of the Atmosphere with Nit	
W74-09637	7-18 5D	W74-08918 7-17 3F Enrichment of the Atmosphere with Nit Compounds Volatilized From a Large	
		Design and Operation of Land Treatment Area,	Dany
AGRICULTURAL RESEARCH SERV	ICE,		1 5B
PHOENIX, ARIZ.	A has Toring	Ground Water,	
Pima Cotton Lint Yield as Influence tion Schedule, Cultivar and Altitude		W74-09089 7-17 5D Drainage and Water Management in Hung W74-09816 7-19	ary,
W74-08807	7-17 3F	Soil Clogging During Infiltration of Secondary	20
/ 7 0000/	7-17 31	Effluent. AGRICULTURAL RESEARCH SERVICE,	
AGRICULTURAL RESEARCH SERV		W74-09467 7-18 5D RIVERSIDE, CALIF. SALINITY LAB.	
PHOENIX, ARIZ. WATER CONSERV	ATION	Salts in Irrigation Drainage Waters: I. E	
LAB.		High-Rate Land Treatment I: Infiltration and of Irrigation Water Composition, Lea	ching

Hydraulic Aspects of the Flushing Meadows

7-23 5D

Project,

W74-12004

7-02 2G

7-02 4C

Fraction, and Time Year on the Salt Composi-

tions of Irrigation Drainage Waters,

W74-00609

AGRICULTURAL RESEARCH SERVICE, RIVERSIDE	, CALIF. SALINITY LAB.	
Salinity-Ozone Interactive Effects on Yield and	AGRICULTURAL RESEARCH SERVICE,	Transient Response of a Layered, Sloping Soil
Water Relations of Pinto Bean,	SOUTH BURLINGTON, VT.	to Natural Rainfall in the Presence of a Shallow
W74-06070 7-12 3C	Automated Flow-Recording System for Field	Water Table: Experimental Results,
	Drainage Monitoring-Direct Data Compilation	W74-08375 7-16 2A
Interactive Effects of Salinity and Ozone on	of Surface and Subsurface Drain Flow,	Destin Anna Wadanlana and its Application to
Growth and Yield of Garden Beet, W74-06342 7-12 3C	W74-08267 7-16 4A	Partial Area Hydrology and its Application to
W /4-06342 /-12 3C	AGRICULTURAL RESEARCH SERVICE,	Water Resources, W74-09200 7-17 2A
Leaching Requirement Studies: Sensitivity of	STATE COLLEGE, MISS.	W /4-09200 /-1/ ZA
Alfalfa to Salinity of Irrigation and Drainage	Soil Surface Roughness and Straw Mulch for	A Partial Area Model for Storm Flow Synthes-
Waters,	Maximum Beneficial Use of Rainfall by Corn	is,
W74-07774 7-15 3C	on a Blackland Soil,	W74-09907 7-19 2A
An Oscillator Circuit for Automated Salinity	W74-03515 7-07 3F	
Sensor Measurements,	A Simulated Environmental Model of Tempera-	Hydrologic Impact of Tropical Storm Agnes,
W74-08074 7-15 2G	ture, Evaporation, Rainfall, and Soil Moisture,	W74-11892 7-22 2E
C. C. to Occasion and Distance In	W74-06591 7-13 3F	Comparisons of Measured and Estimated Daily
Salinity-Ozone Interactions on Pinto Bean: In- tegrated Response to Ozone Concentration and		Potential Evapotranspiration in a Humid Re-
Duration,	AGRICULTURAL RESEARCH SERVICE,	gion,
W74-08330 7-16 3C	STILLWATER, OKLA.	W74-12988 7-24 2D
	Laboratory Calibration of the Walnut Gulch	
Leaching Requirement Studies: Sensitivity of	Supercritical Flow-Measuring Flume, W74-11519 7-22 7B	AGRICULTURAL RESEARCH SERVICE,
Alfalfa to Salinity of Irrigation and Drainage	W74-11519 7-22 7B	URBANA, ILL.
Waters, W74-08815 7-17 3C	AGRICULTURAL RESEARCH SERVICE,	Performance of a Tile Drainage System: Ar
W 74-08813 7-17 3C	STUTTGART, ARK. CROPS RESEARCH DIV.	Evaluation of a Tile Design and Management,
Salinity-Ozone Interactive Effects on Yield and	Soil Water and Growth of Rice and Weeds,	W74-06596 7-13 3F
Water Relations of Pinto Bean,	W74-02104 7-04 3F	AGRICULTURAL RESEARCH SERVICE,
W74-08922 7-17 5C	A CRICILI MURAL RECEARCH CERVICE	WASHINGTON, D.C.
Humidity Effects on Yield and Water Relations	AGRICULTURAL RESEARCH SERVICE,	Application of Sewage Sludge to Agricultura
of Nine Crops,	TEMPLE, TEX. BLACKLAND CONSERVATION RESEARCH CENTER.	Land in Minnesota (Final Environmental State
W74-09796 7-18 3C	Field Measurement of Evaporation from Soil	ment),
	Shrinkage Cracks,	W74-09265 7-18 5E
Principles of Managing High Frequency Irriga-	W74-06900 7-13 2D	A ORIGINATION AT PROPER BOTH OF BUILDE
tion,		AGRICULTURAL RESEARCH SERVICE,
W74-10331 7-19 3F	AGRICULTURAL RESEARCH SERVICE,	WASHINGTON, D.C. AGRICULTURAL ENGINEERING RESEARCH DIV.
Influence of Salinity on FE, MN, and ZN Up-	THORSBY, ALA. SOIL AND WATER	Periodicity of the Blue-Green Algae and Their
take by Plants,	CONSERVATION RESEARCH DIV. Response of Soybeans to Subirrigation,	Effect on the Efficiency of Manure-Disposa
W74-10336 7-19 3C	W74-02082 7-04 3F	Lagoons,
Colorimetric Comiquentitative Test for Sail	W 74 02002	W74-00430 7-01 5I
Colorimetric, Semiquantitative Test for Soil Salinity,	AGRICULTURAL RESEARCH SERVICE,	
W74-11265 7-21 2G	TUCSON, ARIZ. COTTON PRODUCTION	AGRICULTURAL RESEARCH SERVICE,
	RESEARCH UNIT.	WATKINSVILLE, GA.
Steady Flow Patterns in Saturated and Unsatu-	Cotton: A Computer Simulation of Cotton	Diurnal Changes in Transpiration and Daily
rated, Isotropic Soils,	Growth, W74-05213 7-10 3F	Photosynthetic Rater of Several Crop Plants, W74-01597 7-03 2I
W74-13007 7-24 2G	W 74-03213 7-10 3F	W 74-01397 7-03 21
AGRICULTURAL RESEARCH SERVICE,	AGRICULTURAL RESEARCH SERVICE,	Nitrate in Surface and Subsurface Flow from
RIVERSIDE, CALIF. SOIL AND WATER	TUCSON, ARIZ. SOUTHWEST WATERSHED	Small Agricultural Watershed,
CONSERVATION RESEARCH DIV.	RESEARCH CENTER.	W74-02150 7-04 5I
Volatility of DDT Residues in Soil as Affected	Point Processes of Seasonal Thunderstorm	
by Flooding and Organic Matter Applications,	Rainfall 2. Rainfall Depth Probabilities,	Water-Sediment Splitter for Runoff Sample
W74-07424 7-14 5B	W74-09927 7-19 2B	Containing Coarse-Grained Sediment,
AGRICULTURAL RESEARCH SERVICE,	Point Processes of Seasonal Thunderstorm	W74-03780 7-08 2
SAINT PAUL, MINN.	Rainfall 3. Relation of Point Rainfall to Storm	AGRICULTURAL RESEARCH SERVICE,
Splash Correction Factors for Soil Erosion Stu-	Areal Properties,	WESLACO, TEX.
dies,	W74-09928 7-19 2B	Reflectance Discrimination of Cotton and Corn
W74-10210 7-19 2J	Recording Water Use by Means of Digital	at Four Growth Stages,
AGRICULTURAL RESEARCH SERVICE,	Equipment,	W74-08269 7-16 31
SAINT PAUL, MINN. SOIL AND WATER	W74-10332 7-19 7B	Reflectance Transmittenes and Abandon
CONSERVATION RESEARCH DIV.		Reflectance, Transmittance, and Absorptance
Computer Analysis of the Pore Structure of	Available Soil Water: Time-Distribution in a	of Light By Subcellular Particles of Spinac (Spinacia oleracea L.) Leaves,
Isotropic Porous Media,	Warm Season Rangeland,	W74-08809 7-17 3
W74-12815 7-24 2F	W74-13403 7-24 2G	7-17 31
AGRICULTURAL RESEARCH SERVICE,	AGRICULTURAL RESEARCH SERVICE,	Reflectance of Vegetation, Soil, and Water,
SIDNEY, MONT.	UNIVERSITY PARK, PA. NORTHEAST	W74-10252 7-19 71
Saline-Seep Development in Dryland Soils of	WATERSHED RESEARCH CENTER.	ACDICULTURAL RESTAURCE CONTROL
Northeastern Montana,	Hurricane Agnes Floods East Mahantango	AGRICULTURAL RESEARCH SERVICE,
W74-08300 7-16 3C	Creek,	WESLACO, TEX. SOIL AND WATER CONSERVATION RESEARCH DIV.
Crop Residue, Soil Water, and Soil Fertility	W74-02174 7-05 2E	Effect of Narrow Trenching in Harlingen Cla
Related to Spring Wheat Production and Quali-	Soluble Phosphate Output of an Agricultural	Soil on Plant Growth, Rooting Depth, an
ty After Fallow,	Watershed in Pennsylvania,	Salinity,
W74-11264 7-21 3F	W74-04804 7-09 5B	W74-08078 7-15 3

7-15 3F

7-21 3F

W74-01540

7-03 5B

W74-00541

7-01 2I

W74-08998

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, BAKU. INSTITUT GEOLOGII.

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, WASHINGTON, D.C. Water Bank ProgramProposed Rules and	AGRICULTURAL UNIV., WAGENINGEN (NETHERLANDS), LAB. OF PLANT PHYSIOLOGICAL RESEARCH. Influence of Water Stress on Photosynthesis,	AIN SHAMS UNIV., CAIRO (EGYPT). MICROANALYTICAL RESEARCH LABS. New Spot Tests for Nitrates and Nitrites, W74-06878 7-13 5A
Regulations. W74-10074 7-19 6E	Respiration and Leaf Growth of Zea Mays L., W74-11182 7-21 2I	AIR FORCE ACADEMY, COLO.
	W/4-11102 /-21 21	Biological Treatability of Trinitrotoluene Manu-
AGRICULTURAL UNIV., WAGENINGEN (NETHERLANDS).	AGRICULTURE RESEARCH SERVICE, BRAWLEY, CALIF. IMPERIAL VALLEY	facturing Wastewater, W74-09470 7-18 5D
Column Scanning with Simultaneous Use of 241Am and 137Cs Gamma Radiation, W74-12319 7-23 2G	CONSERVATION RESEARCH CENTER. The Hydrometer Method for Detailed Particle-	AIR FORCE ACADEMY, COLORADO SPRINGS, COLO.
W /4-12319 /-23 2G	Size Analysis: 1. Graphical Interpretation of	Base Civil Engineer Sanitary Laboratory,
Predicting Sediment Yield from Climate and Topography,	Hydrometer Readings and Test of Method, W74-12303 7-23 2J	W74-10039 7-19 5D
W74-13002 7-24 2J	AGRICULTURE RESEARCH SERVICE.	AIR FORCE CAMBRIDGE RESEARCH LABS.,
AGRICULTURAL UNIV., WAGENINGEN	PHOENIX, ARIZ. WATER CONSERVATION	BEDFORD, MASS.
(NETHERLANDS). DEPT. OF SOIL AND	LAB.	Fog ModificationA Technology Assessment, W74-08177 7-16 3B
SCIENCE AND GEOLOGY.	Renovating Secondary Effluent by Ground-	W/4-061// /-10 3B
Dissolved Aluminum in Acid Sulfate Soils and Acid Mine Waters,	water Recharge With Infiltration Basins, W74-12877 7-24 5D	AIR FORCE INST. OF TECH., WRIGHT- PATTERSON AFB, OHIO.
W74-00607 7-02 5B	A CRAFFFICHECKH NA HOUNG	Performance and Selection of Materials for
AGRICULTURAL UNIV., WAGENINGEN (NETHERLANDS). DEPT. OF SOIL SCIENCE.	AGROFIZICHESKII NAUCHNO- ISSLEDOVATELSKII INSTITUT, LENINGRAD	Potable Hot Water Service, W74-07855 7-15 8G
Coupling Between Transport Processes in Porous Media,	(USSR). Uptake of Sodium, Calcium, and Chlorine by	Stochastic Analysis of Orthokinetic Floccula-
W74-12848 7-24 2F	Cotton Plants During Irrigation with a Solution Similar to Sea Water, (In Russian),	tion, W74-09719 7-18 5D
AGRICULTURAL UNIV., WAGENINGEN	W74-01766 (In Russian),	
(NETHERLANDS). DEPT. OF SOIL SCIENCE		AIR WEATHER SERVICE, EGLIN AFB, FLA.
AND GEOLOGY.	Design, Operation, and Temperature Sensitivi-	Verification of Rainfall Estimates: An Analysis of Activation Patterns of Adsid and Acousid
Buffer Intensities and Equilibrium pH of	ty of A Thermocouple Psychrometer Moisture Potentiometer Based on the Peltier Effect.	Seismic and Acoustic Intrusion Sensors to
Minerals and Soils: 1. The Contribution of Minerals and Aqueous Carbonate to pH Buffer-	(Konstruktsiya, metodika primeneniya i tem-	Determine Rainfall Rates,
ing,	peraturnaya chuvstvitel'nost' termoparnogo	W74-10674 7-20 2B
W74-06904 7-13 2G	psikhrometrichesko go vlagopotentsiometra, osnovannogo na effekte Pel't'ye),	AIR WEATHER SERVICE, WASHINGTON,
Buffer Intensities and Equilibrium pH of Minerals and Soils: II. Theoretical and Actual	W74-02303 7-05 2G	Seventh Annual Survey Report on the Air
pH of Minerals and Soils,	Investigation of the Relation Between Moisture	Weather Service Weather Modification Program (FY 1974),
W74-06905 7-13 2G	Potential and 'Reduced Film Thickness' for	W74-11433 7-21 3B
AGRICULTURAL UNIV., WAGENINGEN	Disperse Systems with Nonporous Particles,	ATV MARCHITE HAIN MARCHITE
(NETHERLANDS). DEPT. OF SOILS AND	(Issledovaniye zavisimosti mezhdu potentsi-	AIX-MARSEILLE UNIV., MARSEILLE (FRANCE). FACULTE DES SCIENCES.
FERTILIZERS. The Significance of the Fallow Year in the Dry-	alom vlazhnosti i 'privedennoy tolshchincy plenki' dlya di spersnykh sistem s neporistymi	Influence of Some Environmental Factors on
Farming System of the Great Konya Basin,	chastitsami),	Productivity of Planktonic Algae in Culture.
Turkey,	W74-02304 7-05 2G	(Etude de l'influence de quelques facteurs de
W74-03605 7-07 3F	Method of Investigation of Nonlinear Filtration	milieu sur la productivite d'une algue planc- tonique en culture).
Aspects of Agricultural Use of Potato Starch	Effects (O metodike issledovaniya nelineynykh	W74-08743 7-17 5C
Wastewater,	fil'tratsionnykh effektov),	AVADDMA BOLVICZBI WARCAW
W74-11356 7-21 3F AGRICULTURAL UNIV., WAGENINGEN	W74-11016 7-21 7B	AKADEMIA ROLNICZEJ, WARSAW (POLAND). INSTYTUT TECHNOLOGII
(NETHERLANDS). DEPT. OF TOXICOLOGY.	AICHI PREFECTURE INST. OF PUBLIC	DRZEWNICKTWA. Evaluation of a Method Presently Used for
Mercury-Selenium Correlations in Marine	HEALTH, NAGOYA (JAPAN). Determination of Nitrate Nitrogen in Drinking-	Determining Suspended Solids in Effluents
Mammals,	Water by Cadmium-Copper Reduction, (In	from Production of Fiber Building Boards
W74-03603 7-07 5C	Japanese),	(Ocena stosowanej obecnie metody oznaczania
AGRICULTURAL UNIV., WAGENINGEN	W74-13498 7-24 5A	zawiesiny w sziekach otrzymywanych przy produkcji plyt pilsniowych),
(NETHERLANDS). DEPT. OF WATER	AIN SHAMS UNIV., CAIRO (EGYPT). DEPT. OF	W74-12948 7-24 5A
PURIFICATION. A Modified Procedure for the TTC-	BOTANY.	AKADEMIYA MEDITSINSKIKH NAUK SSSR.
Dehydrogenase Test in Activated-Sludge, W74-10817 7-20 5A	Contributions to the Water Relations of Olive Under Semi-Arid Conditions,	A Multipurpose Spectrofluorimeter for the
	W74-13382 7-24 2D	Study of Natural and Contaminated Water, (In Russian).
AGRICULTURAL UNIV., WAGENINGEN (NETHERLANDS). LAB. OF MICROBIOLOGY.	AIN SHAMS UNIV., CAIRO (EGYPT). DEPT. OF	W74-13358 7-24 5A
Viability of Lyophilized Microorganisms after	SOILS.	AVADEMIVA NATIV AZERBAIDZILANOVOL
Storage,	Factors Affecting the Manganese Status in	AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, BAKU. INST. OF PROBLEMS OF DEEP
W74-01538 7-03 5C	Soils of the U.A.R.,	OIL AND GAS DEPOSITS.
Investigations on the Sheathed Bacterium	W74-02200 7-05 2G	Thermal Studies as a Technique in Subsurface
Haliscomenobacter hydrossis Gen.n., Sp.n.,	AIN SHAMS UNIV., CAIRO (EGYPT).	Structural Investigations,
Isolated from Activated Sludge, W74-01539 7-03 5B	FACULTY OF EDUCATION.	W74-08995 7-17 2F
Bacteriology of Activated Sludge, in Particular	Studies on the Biology and Control of Vaucheria dichotoma Found in Freshwaters in	AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, BAKU. INSTITUT GEOLOGII.
the Filamentous Bacteria	Britain.	Continental Drift and Thermal Fields.

7-17 2F

AKADEMIYA NAUK	ZERBAIDZHANSKOI
SSR, BAKU. INSTITUT	POCHVOVEDENIYA I
ACDOKHIMII	

Relationship Between Coefficients of Heat Conductivity and Thermal Moisture Conductivity of Soils (O svyazi mezhdu koeffitsiyentemperaturoprovodnosti tami termovlagoprovodnosti v pochvakh), 7-21 2G W74-11015

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR. BAKU, INSTITUT ZOOLOGII.

Role of Soil Conditions in the Development of Moths. (In Russian). W74-04640 7-09 3F

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR. INSTITUT ZOOLOGII.

Experimental Study of the Effect of Oil on Some Representatives of Benthos in the Caspian Sea. W74-05440 7-11 5C

AKADEMIYA NAUK ESTONSKOI SSR, TALLINN. INST. OF EXPERIMENTAL RIOLOGY.

Effect of Environmental Factors on Algae Count in the Main Soil Types of the Estonian SSR (In Estonian), W74-04114 7-08 2G

AKADEMIYA NAUK ESTONSKOI SSR, TARTU. INST. OF ZOOLOGY AND BOTANY.

Use of Sephadex Gel for the Fractionation of Organic Matter in Lake Water, (In Russian), W74-02343 7-05 SA

Determining the Cation Capacity of Humic Substances Using Flame Photometry, (In Estonian).

W74-04298 7-08 5A Determination of Cation Capacity of Humic

Acids by Thin Ash Content, (In Estonian),

Hydrochemical Typing of Small Lakes in Estonia, (In Russian). W74-11268 7-21 2H

AKADEMIYA NAUK ESTONSKOI SSR, TARTU. INSTITUT FIZIKI I ASTRONOMII.

Effect of Water Deficiency and Light Regime on Photosynthetic Activity of Leaves, (In Russian). W74-06246 7-12 2I

Effects of Various Water Regimes on Stomatal

and Mesophyll Conductances of Bean Leaves.

AKADEMIYA NAUK KAZAKHSKOI SSR, ALMA-ATA. INSTITUT GIDROGEOLOGII I GIDROFIZIKI.

Groundwater of Pastures of Kazakhstan (Podzemnyye vody pastbishchnykh territoriy Kazakhstana). W74-05563

AKADEMIYA NAUK KAZAKHSKOI SSR, ALMA-ATA. INSTITUT POCHVOVEDENIYA.

Dynamics of Trace Elements in Liman-Meadow Soils of the Arid Zone of Central Kazakhstan, (In Russian), W74-00479 7-01 5B

The Soils of the Ural River Zone in the Gurev Region and their Improvements During Irrigation, (In Russian), W74-05205 7-10 2G

AKADEMIYA NAUK LATVIISKOI SSR, RIGA. INST. OF BIOLOGY.

The Effect of Substrate Humidity on the Supply of Macroelements to Plants, (In Latvi-W74-01241 7-03 3F

Native Infusoria of the River Svetupe in Sum-

mertime, (In Russian), 7-17 21 W74-08925

AKADEMIYA NAUK LITOVSKOI SSR,

W74-13240

VILNIUS. INST. OF BOTANY. Radionuclide Uptake by Some Freshwater Hydrobionts, (In Russian),

Problem of Free Amino Acids in Freshwater Plankton and Its Medium, (In Russian), W74-13377 7-24 5C

7-24 5B

AKADEMIYA NAUK LITOVSKOI SSR, VILNIUS. INSTITUT ZOOLOGII I PARAZITOLOGII.

Study of Mesh Fish Barriers in the Polder Systems of the Nemunas River Delta, (In Russian),

W74-08125

Seasonal and Age-Related Feeding Changes of Brook Trout in Lithuanian Spring Brooks, (In Russian). W74-11167 7-21 2H

Fish Nutrition in the Cooler Reservoir of the Lithuanian Electric Power Station, (In Russian).

W74-12164 7-23 5G

AKADEMIYA NAUK MOLDARSKOI SSR, KISHINEV. OTDEL GEOGRAFIL.

Erodibility of Soils Under Storm Runoff Conditions (Erodiruyemost' pochv v usloviyakh livnevogo stoka), W74-11449 7-21 2J

AKADEMIYA NAUK MOLDAVSKOI SSR, KISHINEV.

Spectrophotometric Determination of Hexachlorobutadiene (HCBD) in Soil and Water, (In Russian). 7-08 5B W74-04293

AKADEMIYA NAUK SSR, KAZAN, INST. OF ORGANIC AND PHYSICAL CHEMISTRY.

Derivatives of Phosphacyclopentene, W74-01791 7-04 5B

AKADEMIYA NAUK SSR, MOSCOW. INSTITUT RIOLOGII VNUTRENNKH VOD.

Organic Matter in Water of the Volga River and its Reservoirs in June 1966 and July 1969 (Organicheskove veshchestovo v vode Volgi i yeye vodokhranilishch v iyune 1966 g. i iyule 1969 g.). W74-01724 7-04 5B

AKADEMIYA NAUK SSSR, GELENDZHIK. INSTITUT OKEANOLOGII.

Modern Sedimentation in Black Sea, 7-23 21 W74-12382

Some Characteristics of Carbonate Sedimentation in Black Sea, W74-12383 7-23 21

Behavior of Molybdenum in Processes of Sediment Formation and Diagenesis in Black Sea, W74-12391

AKADEMIYA NAUK SSSR, KALININGRAD. INSTITUT OKEANOLOGIL

Concentrations of Dissolved Forms of Fe. Mn. and Cu in Marine Pore Waters of the Atlantic Basin (Kontsentratsii rastvorennykh form Fe, Mn, i Cu v morskikh, porovykh vodakh basseyna Atlanticheskogo okeana), 7-03 2K W74-01392

Morphometric Analysis of Short-Period Changes in the Topography of the Shore, W74-03341 7-07 21

Dynamics and Morphology of the Sambian Peninsula 7-07 21 W74-03462

Basic Types of Recent Bottom Sediments of the Mediterranean Sea, Their Mineralogy and Geochemistry (Osnovnyye tipy sovremennykh donnykh osadkov Sredizemnogo morya, ikh mineralogiya i geokhimiya), W74-03828

Movement of Water Along the Shore and Normal to it in the Near-Shore Zone of a Shallow-Water Coast. W74-05028

Supply of Terrigenous Material to the Baltic Sea (Pitaniye Baltiyskogo morya terrigennym materialom). W74-07501 7-14 2J

AKADEMIYA NAUK SSSR, LENINGARD. BOTANICHESKII INSTITUT.

Dependence of Photosynthesis on Temperature in Tundra Plants of Wrangel Island, (In Russian). W74-12481 7-23 21

AKADEMIYA NAUK SSSR, LENINGRAD.

BOTANICHESKII INSTITUT.

Absorption of Water Vapor by the Aboveground Parts of the Karakum Desert Plants, (in Russian), W74-01760 7-04 21

Bioenergetics of the Assimilating Cells of Chlorella Pyrenoidosa Chick. II. Relation of Cyclic and Non-Cyclic Photophosphorylation to Photosynthetic CO2 Fixation, W74-05059 7-10 SC

Coastal Deserts of the Old World and Their Reclamation, W74-06479 7-12 4A

AKADEMIYA NAUK SSSR, LENINGRAD. FIZIKO-TEKHNICHESKII INSTITUT.

Isotopic Composition of Helium in Thermal Springs of Iceland (Izotopnyy sostav geliya termal'nykh istochnikov Islandii), W74-01396

Helium Isotopes in Ocean Sediments (Izotopy geliya v osadkakh okeanov), W74-06307 7-12 2J

AKADEMIYA NAUK SSSR. LENINGRAD. INSTITUT EVOLVUTSIONNOI FIZIOLOGII I BIOKHIMII.

Mathematical Model of the Riotic Circulation Within the Lake Ecosystem, (In Russian), W74-10126

AKADEMIYA NAUK SSSR, LENINGRAD. INSTITUT GEOLOGII I GEOKHRONOLOGII DOKEMBRIYA.

Evolution of the Isotopic Composition of Lead in Ancient Marine Basins (K voprosu ob

Mechanism of Element Distribution in the

Pacific Ocean (Japanese Profile) (K poznaniyu

mekhanizma raspredeleniya elementov v Tik-

Geothermal Resources of the USSR and Prospects for Their Practical Use,

Origin of Thermal Waters on the Basis of Their

Thermal Waters as a Source for Extraction of

hom okeane (Yaponskiy profil')).

W74-08986

W74-09015

Chemicals,

Radioisotopic Content,

evolyutsii izotopnogo sostava svintsa v

Some Important Problems in Modern Limnolo-

gy (O nekotorykh vazhnykh zadachakh sovremennogo ozerovedeniya),

Phytoplankton of the Upper Yenisei Before the

Achievements and Immediate Tasks of

Sayany Reservoir Formation, (in Russian),

7-11 2F

7-04 SC

drevnikh morskikh basseynakh),

INSTITUT OZEROVEDENIYA.

AKADEMIYA NAUK SSSR, LENINGRAD.

W74-05559

W74-00839

W74-01757

AKADEMIYA NAUK SSSR, MOSCOW. INSTITUT BIOLOGII VNUTRENNYKH VOD.

W74-12713

W74-12852

7-14 2J

7-17 2F

7-17 2K

Effect of Drought on Callose Dynamics in

The Influence of Water Transport and Transfer

of Heat by Freezing and Defrosting on Soil

Organic Matter and Elements in the Hydrologic

Regimen of Volga Reservoirs (Organicheskoye

Plant Anthers, (In Russian),

INSTITUT AGROKHIMII I

POCHVOVEDENIYA.

AKADEMIYA NAUK SSSR, MOSCOW.

AKADEMIYA NAUK SSSR, MOSCOW.

INSTITUT BIOLOGII VNUTRENNKH VOD.

Hydrochemistry on the Fiftieth Anniversary of	W74-09038 7-17 2K	veshchestvo i elementy gidrologicheskogo
the Founding of the USSR (Dostizheniya	Clay Minerals in Sediments From The	rezhima volzhskikh vodokhranilishch). W74-01723 7-04 5B
gidrokhimii za 50 let sushchestvovaniya SSSR i	Northwestern Part of The Pacific Ocean	W /4-01/23 /-04 3B
yeye blizhayshiye zadachi), W74-01969 7-04 2K	(Glinistyye mineraly v osadkakh severo-zapad-	Organic Matter in Water of Lake Onega and
W/4-01909 /-04 2K	noy chasti Tikhogo okeana),	Some Water Bodies of the Volga-Baltic Water-
Overgrowth of Ooze Iron-Manganese Microor-	W74-10382 7-20 2J	way in the Summer of 1968 (Organicheskoye
ganisms Studied by Electron Microscopy, (In		veshchestvo v vode Onezhskogo ozera i neko-
Russian),	New Data on Carbonate Formation in Lake	torykh vodoyemov Volgo-Baltiyskogo vodnoge
W74-04558 7-09 5A	Balkhash (Novyye dannyye o kar-	puti letom 1968 g.), W74-01725 7-04 5B
AKADEMIYA NAUK SSSR, LENINGRAD.	bonatoobrazovanii v oz. Balkhash), W74-10384 7-20 2J	W 14-01723 1-04 3B
ZOOLOGICHESKII INSTITUT.	W 74-10364 7-20 23	Content and Distribution of Nitrogen Com-
New Species of Free-Living Nematodes from	Reciprocal Influence of Large Reservoirs and	pounds in the Rybinsk Reservoir in Summer
Lake Baikal, (In Russian),	Adjacent Territories in Different Natural Con-	and Autumn (Soderzhaniye i raspredeleniye
W74-00976 7-02 2H	ditions of the USSR,	soyedineniy azota v Rybinskom vodok-
	W74-13466 7-24 5C	hranilishche v letne-osenniy period),
Foraminifers of Lake Issyk-Kull and Ground-	AKADEMIYA NAUK SSSR, MOSCOW. INST.	W74-01726 7-04 5B
waters of Central Asia, (in Russian),	OF EVOLUTIONARY MORPHOLOGY AND	AKADEMIYA NAUK SSSR, MOSCOW.
W74-01763 7-04 2H	ANIMAL ECOLOGY.	INSTITUT BIOLOGII VNUTRENNYKH VOD.
Estimating Accuracy for Calculating Produc-	Some Characteristics of Cesium-137 Accumula-	Nature of Seven-Year Cycles in Long-Term
tion and Elimination of Planktonic Crustaceans	tion in Populations of Freshwater Fish, (In	Fluctuations of Volga Runoff (O prirode
Using Eudiaptomus gracilis in Lake Krasavitsa	Russian),	semiletney tsiklichnosti v mnogoletnikh
as an Example, (In Russian),	W74-02196 7-05 5C	kolebaniyakh stoka Volgi),
W74-06249 7-12 2H	na	W74-01727 7-04 2E
	Effect of Illumination and Water Temperature	Some Features of the Hydrologic Regimen of
Vertical Differentation of Tien-Shan Torrents,	on Critical Flow Rates for Fish, (In Russian), W74-06250 7-12 2I	Saratov Reservoir (Nekotoryye cherty
Based on the Distribution of Characteristics of	W 74-00230 7-12 21	gidrologicheskogo rezhima Saratovskogo
Water Insects, (in Russian),	AKADEMIYA NAUK SSSR, MOSCOW. INST.	vodokhranilishcha),
W74-09063 7-17 2I	OF EVOLUTIONARY PHYSIOLOGY.	W74-01728 7-04 4A
Method for Indirectly Defining Optimum Tem-	On the Interaction Between Organophosphorus	Succeeded Sediment Belongs in the Bubinsh
peratures of Inhabitancy for Marine Cold-	Inhibitors and Cholinesterase,	Suspended-Sediment Balance in the Rybinsk Reservoir (Balans vzveshennykh veshchesty v
Blooded Animals,	W74-01794 7-04 5B	Rybinskom vodokhranilishche),
W74-11487 7-22 5C	AKADEMIYA NAUK SSSR, MOSCOW. INST.	W74-01729 7-04 5B
	OF HETEROORGANIC COMPOUNDS.	
Production of Zooplankton Populations in	Conjugation in Systems with Tetrahedral	Suspended-Sediment Balance in the Uglich
Fresh Waters of the USSR, (In Russian),	Phosphorus,	Reservoir (Balans vzveshennykh veshchestv v
W74-11708 7-22 2H	W74-01788 7-04 5B	Uglichskom vodokhranilishche),
AKADEMIYA NAUK SSSR, MOSCOW. DEPT.		W74-01730 7-04 5B
OF GENERAL BIOLOGY.	Anticholinesterase Properties of Certain Or-	Sediment-Retaining Capacity of the Uglich
Dynamics of Phytoplankton in the Lower	ganophosphorus Compounds,	Reservoir (O nanosouderzhivayushchey
Volga and the Main Channels of its Delta, (In	W74-01793 7-04 5B	sposobnosti Uglichskogo vodokhranilishcha),
Russian),	AKADEMIYA NAUK SSSR, MOSCOW. INST.	W74-01731 7-04 2J
W74-03646 7-07 5C	OF PLANT PHYSIOLOGY.	Effect of Heated Water from Konakov Hydro-
A	Effect of Retardant Chlorocholine Chloride on	Electric Station on Oxygen Content and
Aquatic Higher Vegetation as a Component of an Aquatic Biogeocenosis, (In Russian),	Content of Protein Components in Plant	Development of Phytoplankton in
W74-12530 7-23 2I	Leaves During Drought (In Russian),	Ivan'Kovskoe Reservoir During Winter, (In
W 74-12550 7-25 21	W74-00996 7-02 3F	Russian),
AKADEMIYA NAUK SSSR, MOSCOW.	Effect of Dehydration on Atpase Activity in	W74-02244 7-05 5B
GEOLOGICHESKII INSTITUT.	Poikilohydrous and Homeohydrous Plants, (In	The Ability of Bacteria to Mineralize Algae Or-
Distribution of Zr, Ti, Ni, Co, Pb, Cu, and	Russian).	ganic Matter, (In Russian),
Other Elements in the Surface Layer of Recent	W74-06255 7-12 2I	W74-02252 7-05 5B
Sediments of Lake Balkhash (Raspredeleniye		
Zr, Ti, Ni, Co, Pb, Cu i drugihk elementov v	Water Regimen and Nitrogen and Phosphorus	Type of Spawning Grounds and Ecology of
poverkhnostnom sloye sovremennykh osa dkov	Metabolism in Plants Affected by	Spawning for Stint, Osmerus eperlanus (L.), in
oz. Balkhash), W74-03827 7-08 2H	Chlorocholinechloride (CCC), (in Russian), W74-10604 7-20 3F	the Rybinsk Reservoir, (In Russian), W74-04277 7-08 2H
W (4-0302) /-08 ZH	W /4-10004	W74-04277 7-08 2H
Migration of Elements in River Waters	Water Metabolism of Plants During Oxygen	Content and Composition of Plant Pigments in
(Migratsiya elementov v rechnykh vodakh),	Deficiency, (in Russian),	the Rybinsk Reservoir (In Russian),
W74-05022 7-10 5B	W74-11196 7-21 2I	W74-09446 7-18 2H

7-24 3F

7-07 21

7-18 2K

7-19 2E

7-20 2J

7-23 2K

7-23 21

7-04 SR

7-08 2I

7-02 5F

7-02 SC

AKADEMIYA NAUK SSSR. MOSCOW.

obrabotki vody dyla naselennykh mest),

Trends in Development of Water Treatment for

Populated Regions (Tendentsii razvitiya

Effects of Thermal Effluents on Biocenoses of

Water Bodies (O kharaktere vlivaniva ter-

mal'nykh sbrosnykh vod na biotsenozy

INSTITUT VODNYKH PROBLEM.

W74-00841

vodoyemov),

W74-00842

7-11 5B

7-23 5C

AKADEMIYA NAUK SSSR, MOSCOW. INSTITUT BIOLOGII VNUTRENNYKH VOD. Microbiological Water Samplers, (In Russian), Role of Ice Run-Off in the Water Balance of Effect of Straw as a Fertilizer on Rice Yield. the Mountain Area of Central Asia, W74-10517 7-20 7R (In Russian), 7-18 2C W74-09345 W74-13455 Fall Increase of the Population of Aquatic Mites in the Mouths of Rivers and Streams, (in Effect of Snowstorms on Snow Transport from AKADEMIYA NAUK SSSR, MOSCOW. Russian). Mountainous Plateaus (Vliyaniye meteley na INSTITUT OKEANOLOGII. W74-11181 s'yem i perenos snega s gornykh plato), Some Aspects of Wave Action on a Gently W74-10221 Sloping Sandy Beach, Spatial Patterns of Long-Period Streamflow Fluctuations in the European USSR, Effect of Changes in Water Balance of Cul-W74-12981 tivated Fields on Erosion Processes (Vlivanive The Coastal Shoals of Western Cuba and Their izmeneniva vodnogo balansa Deposits. AKADEMIYA NAUK SSSR, MOSCOW. W74-03443 sel'skokhozyaystvennykh poley na protsessy INSTITUT FIZICHESKOI KHIMII. erozii). Rate of Evaporation of Water From Capillaries Basic Patterns in the Distribution of Chemical W74-11011 7-21 2J of Different Diameter Into Moist Air (Skorost' Elements in Deep-Sea Sediments of the Black ispareniya vody iz kapillyarov raznykh Catalog of USSR Glaciers. Volume 16. Angara-Sea (Osnovnyye zakonomernosti rasdiametrov vo vlazhnyy vozdukh), predeleniya khimicheskikh elementov v Yenisey Region. No. 1. Yenisey. Parts 3-5. No. W74-11448 7-21 2D 2. Angara. Part 1. (Katalog lednikov SSSR. tolshche glubokovodnykh osadkov Chernogo Tom 16. Angaro-Yeniseyskiy rayon. Vypusk 1. morya), AKADEMIYA NAUK SSSR, MOSCOW. W74-05023 Yenisey. Chasti 3-5. Vypusk 2. Angara. Chast' INSTITUT GEOGRAFII. Some Phytoplankton Characteristics in Cooler Temperature and Salinity Statistics of Surface W74-11213 Basins, (In Russian), Waters of the Atlantic Ocean (Statistika tem-W74-01017 7-02 5C Catalog of USSR Glaciers. Volume 14. Soviet peratury i solenosti poverkhnosti Atlantiki), W74-09650 Central Asia. No. 3. Amu-Dar'ya. Part 6. Surk-Problems in Hydrology of Glaciers and hob River Basin Between Mouths of the Glacierized Areas (Problemy gidrologii led-Movement of Deep Water in the Western Obikhingou and Muksu Rivers (Katalog lednikov i lednikovykh rayonov), Boundary Region of the Tropical Atlantic (O nikov SSSR. Tom 14. Srednyaya Aziya. W74-01132 dvizhenii glubinnykh vod v zapadnoy Vypusk 3. Amu-Dar'ya. Chast' 6. Basseyn r. pogranichnoy oblasti tropicheskoy Atlantiki), W74-09937 7-19 Bear Glacier Has Come Alive (Lednik Medvez-Surkhob mezhdu ust'yami rek Obikhingou i hiv ozhil). Muksu). W74-02614 7-05 2C W74-11215 Vertical Meso- and Microstructure of Ocean Currents (O vertikal'noy mezo- i mikrostruk-Changes in Chemistry of Natural Waters of Catalog of USSR Glaciers. Volume 8. Northern ture okeanicheskikh techeniy), Cultivated Lands (Izmeneniya khimizma Caucasus. Part 6. Chegem River Basin. Part 7. W74-10260 prirodnykh vod kul'turnykh landshaftov), Cherek River Basin(Katalog lednikov SSSR. W74-03257 Tom 8. Severnyy Kavkaz. Chast' 6. Basseyn r. Chegema. Chast' 7. Basseyn r. Chereka), Uranium and Sedimentation in The Black and Azov Seas (Uran v protsesse osad-Investigation of Runoff of Kamchatka Rivers W74-11216 koobrazovaniya v Chernom i Azovskom Based on Climatic Data (Issledovaniye stoka moryakh), rek Kamachatki po klimaticheskim dannym), Catalog of USSR Glaciers. Volume 17. Lena-W74-10383 W74-03259 7-07 2E Indigirka Region. No. 2. Middle Lena. Part 1; No. 5. Lower Lena. Part 2. (Katalog lednikov Influence of Organic Material and Processes of Fifth All-Union Symposium on Glaciology (O SSSR. Tom 17. Lensko-Indigirskiy rayon. Sulfide Formation on Distribution of Some pyatom obshchesoyuznom glyatsiologicheskom Vypusk 2. Srednyaya Lena. Chast' 1; Vypusk Trace Elements in Deep-Water Sediments of simpoziume). 5. Nizhnyaya Lena. Chast' 2.), Black Sea. 7-07 2C W74-03260 7-21 2C W74-11218 W74-12388 Data of Glaciological Studies. Chronicle and AKADEMIYA NAUK SSSR, MOSCOW. Forms of Iron in Surface Layer of Black Sea Discussions (Materialy glyatsiologicheskikh iss-INSTITUT GEOKHIMII I ANALITICHESKOI Sediments, ledovaniy. Khronika, Obsuzhdeniya). W74-12390 KHIMII. Use of Isotopic Methods to Determine Present Rates of Snow Accumulation in Antarctica AKADEMIYA NAUK SSSR, MOSCOW. Determination of Soil Moisture by Remote INSTITUT ORGANICHESKOI KHIMII; AND Sensing Techniques (Opredeleniye vlazhnosti (Ispol'zovaniye izotopnykh metodov dlya KAZAN INST. OF CHEMICAL TECHNOLOGY pochvy distantsionnymi aerokosmicheskimi opredeleniya sovremennoy skorsti nakopleniya metodami). snega v Antarktide), Application of Nuclear Magnetic Resonance in W74-04576 7-09 2G W74-01393 7-03 2C Chemistry of Organophosphorus Compounds, Spring Runoff From Hillslopes, Small State of Rare Earth Elements in Surface W74-01789 Waters (O sostoyanii redkozemel'nykh elemen-Watersheds, and River Basins (Vesenniv stok AKADEMIYA NAUK SSSR, MOSCOW. so sklonov, malykh vodosborov, rechnykh bastov v poverkhnostnykh vodakh). INSTITUT RADIOTEKHNIKI I ELEKTRONIKI. 7-03 2K W74-01395 sevnov). W74-04577 A Study of a Generalized Mathematical Model 7-09 2E AKADEMIYA NAUK SSSR, MOSCOW. 'Predator-Sacrifice,' (In Russian), Littoral Vegetation Overgrowing in Some INSTITUT MIKROBIOLOGII. W74-04092 Lakes of Kalinin District, (In Russina), Investigation of the Microflora of Swamp Ore

and Lake Water by the Method of Electron

Breakdown of Benzo(A) Pyrene by Microor-

Microbiological Oxidation of Hydrogen Sulfide

in the Repnoe Lake (Slavonic Lakes), (In Rus-

ganisms in Waste Waters, (In Russian),

Microscopy, (In Russian),

W74-05943

W74-12168

sian).

W74-04646

W74-05562

W74-05845

Groundwater Resources of Central Asia

Engineering and Geographical Problems in the

Design and Operation of Large Lowland Reservoirs (Inzhenerno-geograficheskive problemy

proyektirovaniya i ekspluatatsii krupnykh rav-

ninnykh vodokhranilishch).

(Resursy gruntovykh vod Tsentral'noy Azii),

7-09 2H

7-11 2F

7-11 4A

AKADEMIYA NAUK SSSR, SVERDLOVSK. INST. OF PLANT AND ANIMAL ECOLOGY.

Importance, Status, and Basic Problems of Studies in Physics of Soil Water (Znacheniye issledovaniy fiziki pochvennykh vod, ikh sovremennoye sostoyaniye i osnovnyye osnovnyye zadachi).

Variability of Annual Runoff and Precipitation Values (Ob izmenchivosti godovykh velichin stoka i osadkov),

7-02 4A

Patterns of Long-Term Natural Fluctuations of Groundwater Levels (Zakonomernosti mnogoletnikh yestestvennykh kolebaniy urovney podzemnykh vod),

Consideration of the Character of Surface-Groundwater Relationships and Streamflow in Estimates of Yields From Infiltration Galleries (Uchet kharaktera svyazi podzemnykh vod s poverkhnostnymi i rezhima rechnogo stoka pri raschetakh inf il'tratsionnykh vodozaborov),

Experimental Investigation of the Effect of Saltating Sediments on Kinematics of Flow (Eksperimental'noye issledovaniye vliyaniya sal'tiruyushchikh nanosov na kinematiku

potoka), W74-01134

Regional Estimate of Brackish- and Saline-Groundwater Yield (Regional'naya otsenka ekspluatatsionnykh resursov solonovatykh i solenykh podzemnykh vod), W74-01137 7-03 4B

International Scientific and Technical Cooperation in the Field of Water Problems (Mezhdunarodnoye nauchno-tekhnicheskoye sotrudnichestvo v oblasti vodnykh problem), W74-01138 7-03 6E

Dynamics and Thermal Regimen of River Flows (Dinamika i termika rechnykh potokov). W74-01722

Groundwater Discharge into Seas (O razgruzke podzemnykh vod v morya), W74-01962 7-04 2F

Basic Directions of Scientific Investigations in the Protection of Surface Waters from Pollution (Okhrana poverkhnostnykh vod ot zagrvazneniva (osnovnyye napravleniva nauchnykh issledovaniy)). 7-04 5B W74-01967

Water Level Fluctuations of the Caspian Sea (K probleme urovennogo rezhima Kaspiyskogo morya).

7-09 2H W74-04575

Mudflows (Selevyye potoki), W74-04581 7-09 4D

Reservoirs of Europe and Some Aspects of Their Construction and Multipurpose Use (Vodokhranilishcha zarubezhnoy Yevropy i nekotoryye voprosy ikh sozdaniya i kompleksnogo ispol'zovaniya), W74-04582 7-09 8A

The Problem of Direct Groundwater Discharge to the Seas, W74-06881 7-13 2F

Long-Term Trends in Groundwater Level Fluctuations (Mnogoletniye tendentsii kolebaniyakh urovney poszemnykh vod), W74-07191

Problems in Distribution of Water Resources in the Arid Zone of the Amudar'va River Basin (Voprosy raspredeleniya vodnykh resursov v (Voprosy raspredeleniya voda, arisnoy zone (na primere Amudar'i)), 7-14 4A

Problems in Recreational Use of Reservoirs (Problemy rekreatsionnogo ispol' zovaniya vodokhranilishch),

W74-07193

Optimal Linear Extrapolation of Level Fluctuations of Closed Water Bodies (Optimal'naya lineynaya ekstrapolyatsiya kolebaniy urovnya zamknutykh vodoyemov), 7-14 4A W74-07195

Trends and Problems in Investigation of Long-Term Fluctuations of River Runoff (Napravleniya i zadachi issledovaniya mnogoletnikh kolebaniy rechnogo stoka),

Estimation and Mapping of Rates of Exchange of Fresh Groundwater in the Baltic Artesian Basin (Otsenka i kartirovaniye tempov vodoobmena presnykh podzemnykh vod (na primere Pribaltiyskogo artezianskogo basseyna)), W74-08705

Procedures in Forecasting Use of Water Resources (O metodike prognozirovaniya ispol'zovaniya vodnykh resursov), W74-08706 7-17 6B

Procedural Problems in Projected Planning of Water Consumption and Diversion by Industry in the USSR (Metodicheskiye voprosy rascheta vodopotrebleniya i vodootvedeniya v promyshlennosti SSSR na perspektivu), W74-08710

Some Aspects of the Problem of Artificial Desalination of Natural Waters of High Dissolved-Salts Content (Nekotoryve aspekty problemy iskusstvennogo opresneniya prirodnykh vod povyshennoy mineralizatsii), W74-08711 7-17 3A

Temperature Regime of Deep Water Bodies During Spring and Summer Heating (Temperaturnyy rezhim glubokikh vodoyemov v period vesenne-letnego nagreva),

Water Resources of the Komi Assr and Prospects of Their Use (Vodnyye resursy Komi ASSR i perspecktivy ikh ispol'zovaniya), 7-19 4A W74-10230

AKADEMIYA NAUK SSSR, MOSCOW. ISTITUT OKEANOLOGII.

Dynamic Structure of the Region of the Antilles-Guyana Countercurrent (Dinamicheskaya struktura rayona Antilo-Gvianskogo protivotecheniya), W74-09938 7-19 2E

AKADEMIYA NAUK SSSR, MOSCOW. LABORATORIYA LESOVEDENIYA.

Hydrological Investigations in Forest. 7-15 4C W74-08140

AKADEMIYA NAUK SSSR, MOSCOW. POCHVENNY INSTITUT.

Effect of Surface Wettability on Capillary Movement of Water in Soil (Vliyaniye smachivayemosti poverkhnosti na kapillyarnoye peredvizheniye vlagi v pochve), 7-22 2G

AKADEMIYA NAUK SSSR, MOSCOW. POCHVENNYI INSTITUT.

Migration of Substances with Surface and Gravitational Waters in Soils of Geochemically Related Landscapes of Baraba, (Migratsiya veshchestv s pverkhnostnymi i gravitatsionnymi vodami v pochvakh geokhimicheski sopryazhennykh landshaftov Baraby), W74-02300 7-05 2G

AKADEMIYA NAUK SSSR, MOSCOW. VSESOYUZNYI INSTITUT NAUCHNOI I TEKNICHESKOI INFORMATSII.

Estimation of Run-Off from Antarctic and Greenland Ice Sheets. W74-09348 7-18 2C

AKADEMIYA NAUK SSSR, NOVOSIBIRSK.

Mass Development of Hydrurus in the Yenisei Below the Krasnoyarsk Reservoir Dam, (In Russian). W74-03550

The Phytoplankton Productivity in the Pyasina River Near Tareya Village (Western Taimyr), (In Russian), W74-04698 7-09 21

AKADEMIYA NAUK SSSR, NOVOSIBIRSK. DALNEVOSTOCHNYI GEOLOGICHESKII

Quaternary Shorelines of the Seas of Okhotsk and Japan (Chetvertichnyye beregov, ye linii Okhotskogo i Yaponskogo morey), W74-01391

AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT BIOLOGII.

Higher Water Vegetation and Its Fauna of Krotowaya Laga and Kusgan Lakes (North Kulanda), (In Russian), W74-02901

Sex Cycle, Spawning and Fertility of West Siberian Crucians in the Steppe Lakes, (In Russian). W74-04689 7-09 2H

AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT GEOLOGII I GEOFIZIKI.

Endoclave, a New Device for the Study of Heat and Mass Transfer by Simulation of Geological Bodies and Processes Under Dynamic Conditions, W74-09007 7-17 2F

AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT NEORGANICHESKOI KHIMII.

Physico-Chemical Sampling of High Temperature Wells in Connection with Their Encrustation by Calcium Carbonate. W74-09036

AKADEMIYA NAUK SSSR, PETROZAVODSK. INST. OF BIOLOGY.

Ecological Data of Mire Vegetation, (In Russian), W74-01014

Potential Intensity of Photosynthesis in Some Tomato and Beet Species Under Different Soil Moisture, (In Russian), W74-04691 7-09 3F

AKADEMIYA NAUK SSSR, SVERDLOVSK. INST. OF PLANT AND ANIMAL ECOLOGY.

Phytomass Reserves in Some Types of Tundra from the Northern Ob River Related Area, (In W74-04940 7-10 2I

AKADEMIYA NAUK SSSR, SVERDLOVSK. INST. OF PLANT AND ANIMAL ECOLOGY.

Effect	of	Water-Sol	uble	Dec	omposit	ion
Products	of	Herbaceous	Plants	on	Uptake	of
Radioiso	tope	es in Soil. (in	Russia	n),		
W74.081	17				7-15	26

AKADEMIYA NAUK SSSR, TOLYATTI. INSTITUT BIOLOGII VNUTRENNYKH VOD.

The Biology of Mysids Acclimatized in the Reservoirs of the Volga River, W74-06017

AKADEMIYA NAUK SSSR, VLADIVOSTOK. INSTITUT MORSKOGO BIOLOGII.

Structure of Oncorhynchus nerka (Walb.) Isolated Population of the Azabachye Lake, (In Russian).

7-16 2H

AKADEMIYA NAUK SSSR, YAKUTSK. INSTITUT BIOLOGII.

W74-08548

Formation of Gas Conditions in the Vilyui Reservoir, (In Russian), W74-09162 7-17 SC

Role of the Environment in the Formation of Density Dynamics of the Muskrat of Yakutsk, (in Russian), W74-11198 7-21 2C

AKADEMIYA NAUK TADZHIKSKOI SSR, DUSHANBE. INSTITUT GEOLOGII.

The Dushanbe Artesian Basin and Its Mineral and Thermal Waters (Dushanbinskiy artezianskiy basseyn i yego mineral'nyye i termal'nyye vody), W74-00117

AKADEMIYA NAUK TADZHIKSKOI SSR, DUSHANBE, INSTITUT KHIMIL

Fluorine in Some Natural Waters of Tadzhikistan (Ftor v nekotorykh prirodnykh vodakh Tadzhikistana). W74-06310 7-12 2K

AKADEMIYA NAUK TADZHIKSKOI SSR. DUSHANBE. INSTITUT POCHVOVEDINIYA.

Intensity of Plant Transpiration in Certain Varieties and Mutant Forms of Cotton, (In Russian). W74-00026 7-01 3F

AKADEMIYA NAUK TADZHIKSKOI SSR, DUSHANBE. INSTITUT ZOOLOGII I PARAZITOLOGII.

Algae Feeding of Young of Certain Fish Species of the Kairak-Kumskii Reservoir, (In Russian).

W74-01082 7-02 81

Feeding of the Fergana Bream (Abramis brama bergi Natio ferganensis Maksunov), (In Russian).

W74-02111 7-04 2H

Age Structure and Growth of Fish in Waters of Northern Tadzhikistan, (In Russian), 7-08 8I W74-04071

The Feeding of Carassius auratus gibelio Bloch. From Kairakkum Reservoir, (In Russian),

W74-04109 7-08 2H

The Feeding of Pelecus Cultratus L. in Kairakkum Reservoir, (In Russian), W74-04695 7-09 2H

Nourishment of Rutilus rutilus aralensis morpha fragmiteti Berg. of the Kayrakkum Water Reservoir, (In Russian),

W74-08663 7-16 2H Hydrological and Physicochemical Characteristics of the Fish Ponds of Southern Tadzhik SSR, (In Russian), W74-12166

Data on the Hydrobiology of Fish Ponds of Southern Tadzhik SSR, (In Russian), 7-23 81 W74-12167

Parasites of Fish from Lake Sarez (Pamirs), (In Russian). W74-12750 7-23 5C

AKADEMIYA NAUK TADZHIKSKOI SSSR, DUSHANBE. INSTITUT ZOOLOGII I PARAZITOLOGII.

Microflora and Chemical Composition of the Bottom Deposits of the Kairak-Kum Reservoir, (In Russian), W74-02253

AKADEMIYA NAUK TURKMENSKOI SSR. ASHKHABAD, INSTITUT BOTANIKI.

Structure and Productivity of the Phytomass of Gigantic Bunch-Forming Grasses in the Amu Darya Floodplain, (In Russian), W74-04282 7-08 21

AKADEMIYA NAUK TURKMENSKOI SSR, ASHKHABAD. INSTITUT ZOOLOGII I PARAZITOLOGII.

Natural Nidi of Cutaneous Leishmaniasis in the Zone of the Kara Kum Canal (4th Stage) and Their Epidemic Significance, (In Russian), W74-08696

AKADEMIYA NAUK TURKMENSKOI SSR, ASKHABAD. INSTITUT BOTANIKI.

Microphytobenthos and Overgrowing Some Reservoirs in Turkmenia, (in Russian), 7-04 5C W74-01758

AKADEMIYA NAUK TURKMENSKOI SSSR, ASHKHABAD, INSTITUT BOTANIKI.

Desert Plants as Indicators of Land Fitness for Agricultural Reclamation, (In Russian), 7-24 3F

AKADEMIYA NAUK UBZEKSKOI SSR.

TASHKENT, INSTITUT SEISMOLOGIL.

Chemical Characteristics of Surface Waters in Upper Chirchik River the Rasin (Khimicheskaya kharakteristika poverkhnostnykh vod verkhney chasti basseyna r. Chirchik), W74-02612 7-05 2K

AKADEMIYA NAUK URSR, KIEV. INST. OF HYDROMECHANICS.

Variations in the Height of Wave Run-Up on a Sandy Beach, W74-05025 7-10 2I.

AKADEMIYA NAUK URSR, KIEV. INST. OF MICROBIOLOGY.

The Relationship of Bacteria and Blue-Green Algae, (In Russian), W74-12710 7-23 5C

AKADEMIYA NAUK URSR, KIEV. INST. OF MICROBIOLOGY AND VIROLOGY.

Effect of Irrigation on Dynamics of Microorganism Quantity in Dark-Brown Soils in Southern Ukraine, (In Ukrainian), 7-14 2G W74-07279

AKADEMIYA NAUK URSR, KIEV. INST. OF TECHNICAL THERMOPHYSICS.

Technical-Economic Estimation of Geothermal Resources. W74-09044 7-17 6B

AKADEMIYA NAUK URSR, KIEV. INSTITUT FIZIOLOGII RASTENII I AGROKHIMII.

Effect of Drought on the Nucleic Acid Content in Winter Wheat, (In Ukrainian),

AKADEMIYA NAUK URSR, KIEV, INSTITUT GEOFIZIKI.

Thermal Fields of the Eastern Carpathians, 7-17 2F W74-08984

AKADEMIYA NAUK URSR, KIEV. INSTITUT GEOKHIMII I FIZIKI MINERALOV.

Raiocarbon in Glacial Water of The El'brus Region (Radiouglerod v lednikovoy vode Priel'brus'ya), W74-10380 7-20 2K

AKADEMIYA NAUK URSR, KIEV. INSTYTUT BOTANIKI.

Vegetation and Stratigraphy of Bogs of the Eastern Forest-Steppe, (In Russian), W74-01096

Peat Floating in the Reservoir of the Kiev Hydroelectric Station and its Role in Water Contamination, (in Russian), 7-03 5B W74-01352

Effect of Supernatant Fluid of the Ankistro-Desmus braunii Brunnth Culture on Development of Algae in Waste Waters of the Chernigov Chemical Fiber Industrial Group, (In Ukrainian). W74-02245

AKADEMIYA NAUK URSR, KIEV, INSTYTUT FIZYCHNOI KHIMII.

Cuases of Geographical Distribution of Oxygen-18 and Deuterium in Thermal Water of the Sayan-Baykal Mountains (Prichiny geograficheskogo raspredeleniya kisloroda-18 i deyteriya v termal'nykh vodakh Sayano-Baykal'skoy gornoy strany), W74-05560 7-11 2K

AKADEMIYA NAUK URSR, KIEV. INSTYTUT HIDRORILOGII.

The Effect of Atrazine and Diuron on the Productivity of Cladocera. (Experimental Studies), (In Russian), W74-01024 7-02 5C

AKADEMIYA NAUK URSR, KIEV. INSTYTUT HIDROBIOLOGII.

Role of Bacteria in the Feeding of Zooplankton of the Dnieper Reservoirs, (In Russian), W74-00496 7-01 SC

Role of Silt in Microcystis Aeruginosa Development, (In Russian), W74-01368 7-03 5C

Trace Elements in Bottom Sediments of Dnieper River Reservoirs (Mikroelementy v donnykh otlozheniyakh vodokhranilishch r. Dnepra), W74-03254 7-07 2K

Possible Changes in Salinity of Water in the Dnieper-Bug Lagoon in Connection with Future Diminution of Streamflow (Vozmozhnyye izmeneniya solenosti vody Dneprovsko-Bug-

skogo limana v svyazi s predstoyashchim sokrashcheniyem rechnog o stoka), W74-03530 7-07 21.

Techniques in Forecasting Content of Organic and Biogenic Substances in Water of Existing and Proposed Water Bodies (K metodike prognozirovaniya soderzhaniya organicheskikh i

biogennykh veshchestv v vode sushchest- AKADEMIYA NAUK UZBEKSKOI SSR,

ALAMO AREA COUNCIL OF GOVERNMENTS, SAN ANTONIO, TEX.

Apparatus for Effecting Purification of Liquids

vuyushchikh i proyektir uyemykh vodoyemov), W74-03535 7-07 2H	PLANT BIOLOGY.	by Flotation,
W74-03535 7-07 2H	Drought Resistance of Radiation-Induced Mu-	W74-09180 7-17 5D
Effect of Artificial Water Aeration on Basin	tant Varieties and Parent Forms of Cotton, (In	AKTIEBOLAGET GUSTAVSBERGS FABRIKER
Algal Flora, (In Russian),	Russian),	(SWEDEN). (ASSIGNEE).
W74-03918 7-08 5C	W74-04822 7-09 3F	Apparatus for Processing Water,
Exchangeable Cations in Soils of the Dnieper	AVADEMINA NATIV HZBEVCVOI CCB	W74-09190 7-17 5D
Reservoirs,	AKADEMIYA NAUK UZBEKSKOI SSR, TASHKENT. INSTITUT SEISMOLOGII.	Mobile Purifying Plant for Waste Water,
W74-04255 7-08 2H	A Hydrogeothermal Description of Ground-	W74-12435 7-23 5D
	water in Upper Cretaceous Deposits in the	
Organic Matter of the Soil in the Kiev Reser-	Southeast Aral Sea Area	AKUSTICHESKII INSTITUT, MOSCOW
voir and its Role in the Development of Benthic	(Gidrogeotermicheskaya kharakteristika pod-	(USSR).
Algae, (In Russian), W74-04281 7-08 5C	zemnykh vod verkhnego mela Yugo-	Iron in Atlantic Sediments (Zhelezo v osadkakh Atlanticheskogo okeana),
W 74-04281 7-08 3C	Vostochnogo Priaral'ya),	W74-10257 7-19 2J
Micro- and Mesobenthos Development as a	W74-02609 7-05 2F	11710237
Factor of Soil Composition (In Russian),	Some Problems in Age Determination of	ALABAMA A AND M UNIV., NORMAL.
W74-04816 7-09 2H	Groundwater (Nekotoryye voprosy rascheta	Nitrogen and Phosphorus Losses from Agrono-
Study of Metabolic Regulations Between	vozrasta podzemnykh vod),	my Plots in North Alabama,
Cyanophyceae and Fish (In Russian),	W74-02611 7-05 2F	W74-12221 7-23 5B
W74-05327 7-10 5C	AT A DESCRIPTION AND A STREET A	ALABAMA COOPERATIVE FISHERY UNIT,
710 30	AKADEMIYA NAUK UZBEKSKOI SSR,	AUBURN.
Soil Characteristics in the Shallow Aquatoria,	TASHKENT. INSTITUT ZOOLOGII I PARAZITOLOGII.	Food Habits and Feeding Chronology of the
(In Russian),	Effect of Benthic Sediments on the Oxygen	Blackbanded Darter, Percina nigrofasciata
W74-05948 7-11 2G	Cycle in Ponds, (In Russian),	(Agassiz), in Halawakee Creek, Alabama,
Species Composition of Epiphytic Bacteria of	W74-01660 7-04 2H	W74-06493 7-12 2I
Green Filamentous Algae in the Northern		ALABAMA DEPT. OF CONSERVATION AND
Donets-Donbas Canal, (in Russian).	Grasshoppers and Crickets in the Karshi	NATURAL RESOURCES, MONTGOMERY.
W74-08112 7-15 5C	Steppe, (In Russian),	Restoration of an Oyster Resource Destroyed
	W74-02239 7-05 3F	by Natural Causes,
The Intensity of the Filamentous Algal	Closed Season Regulation for Table Fish in the	W74-11163 7-21 8I
Photosynthetic Activity in the Flood Plain Lake	Sukhandar'ya River Basin, (In Russian),	
Nizhnii Ustup and Middle Dnieper, (In Rus-	W74-04290 7-08 8I	ALABAMA-TOMBIGBEE RIVERS REGIONAL
sian), W74-11157 7-21 5C	AN ADDRESS A MARKET DEPUT OF ORD	PLANNING AND DEVELOPMENT
W/4-1113/	AKADEMIYA NAUK UZEKSKOI SSR,	COMMISSION, CAMDEN. Comprehensive Regional Water and Sewer
Rate of Sulfate Reduction in Mud Deposits of	TASHKENT. INSTITUT GEOLOGII I GEOFIZIKI.	Systems Inventory and Analysis,
Ponds of the 'Karamet-Niyaz' Fish Farm, (In	Lacustrine Salt Deposits Under Present-Day	W74-02837 7-06 6B
Russian),	Sediments of the Aral Sea (Solyanyye ozernyye	177 02037
W74-13392 7-24 5C	otlozheniya pod sovremennymi osadkami	ALABAMA UNIV., ALA. DEPT. OF FISHERIES
AKADEMIYA NAUK URSR, KIEV. INSTYTUT	Aral'skogo morya),	AND ALLIED AQUACULTURES.
ZOOLOGII.	W74-08712 7-17 2H	A Short Term Treatment of Malachite Green
Ground Beetles (Coleoptera, Carabidae) from		and Formalin for the Control of
the Boggy Areas of the Crimea, (in Russian),	AKADEMIYA NAVUK BSSR, MINSK. INST. OF EXPERIMENTAL BOTANY.	Ichthyophthirius Multifiliis on Channel Catfish
W74-08103 7-15 2I	Fall-Winter Development of the Buds of Some	in Holding Tanks, W74-12269 7-23 5G
	Trees in Relation to Soil Moisture Content, (In	W /4-12209 /-23 3G
AKADEMIYA NAUK URSR, ODESSA.	Byelorussian),	ALABAMA UNIV., BIRMINGHAM. SCHOOL
INSTITUT EKONOMIKI.	W74-11259 7-21 2G	OF MEDICINE.
Ecological Equilibrium of River-Estuary-Sea		Emission Spectrometric Determination of
Systems and Improvement of Their Efficiency for the National Economy (O ekologicheskom	AKADEMIYA NAVUK BSSR, MINSK. INST. OF	Trace Metals in Biological Tissues,
ravnovesii sistem reka-liman-more i povyshenii	HEAT AND MASS TRANSFER.	W74-01546 7-03 5A
ikh narodnokhozyaystvennoy effektivnosti),	On Generalized Hydrodynamic Equations Used in Heat Transfer Theory,	ALABAMA UNIV., UNIVERSITY. DEPT. OF
W74-08708 7-17 2L	W74-02880 7-06 8B	CIVIL AND MINERAL ENGINEERING.
	177 02000	Land Use Mapping and Change Detection
AKADEMIYA NAUK URSR, SEVASTOPOL.	Analytical Methods of Solution of Conjugated	Using ERTS Imagery in Montgomery County,
MARINE HYDROPHYSICS INST.	Problems in Convective Heat Transfer,	Alabama,
Surface and Internal Waves, (Poverkhnostnyye	W74-04667 7-09 8B	W74-06701 7-13 4A
i vnutrenniye volny),	AKRON UNIV., OHIO.	
W74-02299 7-05 2E	Benthic Macroinvertebrates as Indexes of	ALABAMA UNIV., UNIVERSITY. NATURAL RESOURCES CENTER.
Arsenic and Antimony in the Tropical Zone of	Water Quality in Whetstone Creek, Morrow	Permeability Restoration in Underground
the Atlantic Ocean (Mysh'yak i sur'ma v	County, Ohio (Scioto River Basin),	Disposal Reservoirs,
tropicheskoy zone Atlanticheskogo okeana),	W74-01517 7-03 5B	W74-00554 7-02 5E
W74-06309 7-12 2K		
Effect of E-mariel Breaks Warren - Car	AKRON UNIV., OHIO. DEPT. OF	Legislative Framework for Water Resources
Effect of Equatorial Rossby Waves on Sta- tionary Currents (O vliyanii ekvatorial'nykh	MECHANICAL ENGINEERING. Temperature Profiles for Turbulent Flow of	Management in Alabama.
voln Rossbi na statsionarnyye techeniya),	High Prandtl Number Fluids,	W74-05590 7-11 6E
W74-10261 7-19 2E	W74-04232 7-08 8B	ALAMO AREA COUNCIL OF GOVERNMENTS,
7-19 25	1-06 OB	SAN ANTONIO, TEX.
AKADEMIYA NAUK USSR, KIEV. INSTYTUT	AKTIEBOLAGET ELECTROLUX,	Regional Wastewater Development Plan, Water
GEOLOGICHNYKH NAUK.	STOCKHOLM (SWEDEN). (ASSIGNEE)	Quality Planning.
Underflow in River Valleys of the Carpatho-	Device for Conducting Waste Liquid from a	W74-02830 7-06 5D
Ukraine (Podruslovyy stok v rechnykh	Receptacle to a Pneumatic Liquid Disposal	The Water Persures Management Blog for the
dolinakh Zakarpat'ya), W74-07504 7-14 2F	System, W74-08901 7-17 8A	The Water Resource Management Plan for the AACOG Planning Region, Volume I:
17 14 0/304 /-14 2F	W /4-00701 /-1/ 8A	AACOO Flamming Region, volume 1:

ALAMO AREA COUNCIL OF GOVERNMENTS, SAN ANTONIO, TEX.

Methodology Analysis of Water Areas.		ALASKA UNIV., COLLEGE. DEPT. OF BIOLOGICAL SCIENCES.	Physical Oceanography of the Northern Gulf of Alaska,
W74-03642	7-07 6B	Oil-Induced Mortalities in Juvenile Coho and Sockeye Salmon,	W74-06427 7-12 2L
The Water Resource Management P AACOG planning Region, Volume		W74-03876 7-08 5C	Chemical Oceanography of the Gulf of Alaska, W74-06428 7-12 2L
Water-Related Services. W74-03643	7-07 6B	Effects of Crude Oil and Some of its Com- ponents on Young Coho and Sockeye Salmon,	A Review of the Biological Oceanography of the Northeast Pacific Ocean,
The Water Resource Management P		W74-07613 7-15 5C	W74-06429 7-12 2L
AACOG Planning Region, Volume Range Program 1970-1975. W74-03644	III: Short	ALASKA UNIV., COLLEGE. DEPT. OF BIOLOGY. Laboratory Rearing Experiments on Artifically	The Intertidal Region of the Gulf of Alaska, W74-06430 7-12 2L
ALASKA DEPT. OF FISH AND GAME		Propagated Inconnu (Stenodus Leucichthys), W74-07725 7-15 8I	Coastal Weather, Tides and Wind Waves of the Northern Gulf of Alaska.
JUNEAU. Relationship Between Logging Act	dudting and	ALASKA UNIV., COLLEGE. DEPT. OF OCEAN	W74-06431 7-12 2L
Salmon Production,		ENGINEERING. Physical Modeling of Residence Times in Tidal	Oil and Gas Seeps of the Northern Gulf of
W74-07468	7-14 4C	Basins,	Alaska, W74-06432 7-12 5B
Cook Inlet Sockeye Salmon Investiga W74-10267	ations, 7-19 8I	W74-07496 7-14 2L	Geology and Geomorphology of the Central
ALASKA DEPT. OF FISH AND GAME		ALASKA UNIV., COLLEGE. ENVIRONMENTAL QUALITY ENGINEERING	Gulf of Alaska Continental Shelf, W74-06434 7-12 2L
KODIAK. RESEARCH SECTION. Frazer Lake Sockeye Investigations,	1970.	AND CIVIL ENGINEERING. Organic and Color Removal From Water Sup-	ERTS-1 Observations of Sea Surface Circula-
W74-00232	7-01 8I	plies by Synthetic Resinous Adsorbents, W74-09050 7-17 5D	tion and Sediment Transport, Cook Inlet, Alaska.
ALASKA STATE DEPT. OF ENVIRON	MENTAL	ALASKA UNIV., COLLEGE. GEOPHYSICAL	W74-06670 7-13 2L
CONSERVATION, FAIRBANKS. Water Supply and Waste Disposa	Concepts	INST. Seismic Evidence for Glacier Motion,	Processes Affecting Gas Distributions in
Applicable in Permafrost Regions, W74-04405	7-09 5D	W74-01378 7-03 2C	Estuarine Sediments, W74-07242 7-14 2L
An Evaluation of Waste Disposal I	Practices in	Some Aspects of Active Tectonism in Alaska as Seen on ERTS-1 Imagery,	Studies on Organisms Found in Arctic Sea Ice, W74-07487 7-14 5C
Alaska Villages, W74-10161	7-19 5D	W74-01712 7-04 7C	Aquaculture in Alaska.
ALASKA STATE DEPT. OF FISH ANI	D GAME,	The Tundra Microclimate During Snow-Melt at Barrow, Alaska,	W74-12791 7-24 5E
JUNEAU. The Effects of Land Use on Salm	on Produc-	W74-02095 7-04 2C	ALASKA UNIV., COLLEGE. INST. OF MARINE SCIENCES.
tion, W74-09411	7-18 4C	Survey of the Seasonal Snow Cover in Alaska, W74-08179 7-16 2C	Hydrocarbon Biodegradation in Alaskan Waters,
ALASKA STATE DEPT. OF HIGHWA	YS,	A Technique to Obtain Ice Movement,	W74-08627 7-16 5B
COLLEGE. Control of Permafrost Degradation	Reneath a	W74-12314 7-23 2C	ALASKA UNIV., COLLEGE. INST. OF WATER RESOURCES.
Roadway by Subgrade Insulation,		ALASKA UNIV., COLLEGE. INST. OF MARINE	Protein Adsorption by Suspended Sediments:
W74-04409	7-09 4C	SCIENCE. Sea-Surface Circulation, Sediment Transport,	Effects of pH, Temperature, and Concentra- tion,
ALASKA UNIV., COLLEGE. Vegetative and Geologic Mappin	ng of the	and Marine Mammal Distribution, Alaska Con- tinental Shelf,	W74-00293 7-01 5B
Western Seward Peninsula, Alaska		W74-00298 7-01 2J	Alaska Water Resources Research Needs for
ERTIS-1 Imagery, W74-01672	7-04 4A	Pathways of Trace Elements in Arctic Lake	the 70's. W74-03757 7-08 6B
Groundwater Pore Pressures Adjac	ent to Sub-	Ecosystems, W74-01401 7-03 5B	Water Balance of a Small Lake in a Permafrost
arctic Streams, W74-04393	7-09 2C	Soluble Aluminum in Marine and Fresh Water	Region, W74-03758 7-08 2H
Recharge of a Central Alaska Lake		by Gas-Liquid Chromatography, W74-01446 7-03 5A	Thermal Tolerances of Interior Alaskan Arctic
mafrost Groundwater,		Trace Metals in a Tundra Pond: Variations in	Grayling (Thymallus arcticus), W74-03759 7-08 5C
W74-04394	7-09 2F	Concentration and Their Effect on Phytoplank- ton Populations,	Hydrology of the Central Arctic River Basins
Geothermal Energy, A National P Geothermal Resources Research.		W74-02726 7-06 2H	of Alaska, W74-04304 7-09 2A
W74-04917	7-10 2F	The Influence of Dissolved Humic Substances on Trace Metal Phototoxicity,	Water Quality in Alaskan Campgrounds.
A Multidisciplinary Survey for the ment of Alaskan Resources Utili		W74-02727 7-06 2H	W74-04974 7-10 5B
Imagery, W74-06633	7-13 4A	Lagoon Contributions to Sediments and Water of the Bering Sea,	The Land Hydrology of the South-Central Coastal Zone,
Snow Cover Surveys in Alaska Fro	om ERTS-1	W74-02728 7-06 2H	W74-06433 7-12 2L
Data,		Electrochemical Measurement of Zinc in Or-	Regional Sediment Yield Analysis of Alaska
W74-06697	7-13 2C	ganic-Rich Water, W74-02729 7-06 2H	Streams, W74-06440 7-12 2J
Application of ERTS-1 Imagery to t		A Review of the Oceanography and Renewable	Modeling Snowmelt Runoff in an Arctic
Caribou Movements and Winter I Relation to Prevailing Snowcover,	Dispersal in	Resources of the Northern Gulf of Alaska.	Coastal Plain,
W74-08602	7-16 2C	W74-06426 7-12 2L	W74-08233 7-16 2C

ORGANIZATIONAL INDEX ALL-UNION RESEARCH INST. OF MARINE FISHERIES AND OCEANOGRAPHY, MOSCOW

W74-08881

W74-11283

(RUMANIA).

7-16 8B

7-23 8B

7-23 2E

Distribution of Phosphates in Lake Mariut, a

Longshore Sand Transport intThe Surf Zone

Influence of Organic Pollution on Lake Mariut, A Highly Eutrophicated Lake South of Alexan-

along the Mediterranean Egyptian Coast, W74-09891

7-17 5B

7-21 5C

Heavily Polluted Lake in Egypt,

ALEXANDRU ION CUZA UNIV., IASI

tral Alaska, W74-11282	7-21 50	ALBERTA UNIV., EDMONTON. DEPT. OF GEOGRAPHY. The Evolution of a Discrete Beaver Habitat	The Variation of Water Relations and Respira- tion Intensity in Male and Female Ephedra dis- in tachya Plants of the Black Sea Coast as a Func-
ALASKA UNIV., INST. OF WATER RESOURCES.	n Domasti	the Mackenzie River Delta, Northwest Terri	W74-01076 7-02 2I
Ground Water Quality Effects of Water Utilization,	n Domesti	W74-00481 7-01	
W74-08287	7-16 5	ALBERTA UNIV., EDMONTON. INST. OF	ALFA-LAVAL A.B., TUMBA (SWEDEN). Reverse Osmosis and Ultrafiltration - A Survey
ALBERTA DEPT. OF ENVIRONMEN	T,	EARTH AND PLANETARY PHYSICS.	of Auxiliary Apparatuses Available in this Field
EDMONTON. DIV. OF TECHNICAL		Application of the Concept of Bifurcat Plume to Some Oil Pollution Problems in t	
Laboratory Experiments with Surfa		Ct-it of Consis	he Ueberblick Ueber die auf Diesem Gebiet Ver- fuegbaren Apparativen Hilfsmittel),
W74-06737	7-13 2	W74-12100 7-23	
State Variable Model of Overland F	low	W/4-12100	7-10 JD
W74-13008	7-24 2	ALBRIGHT AND WILSON LTD., OLDBURY,	ALFA MATERIALS TECHNOLOGY, INC.,
		(ENGLAND).	POTTSTOWN, PA. RESEARCH LAB.
ALBERTA DEPT. OF LANDS AND F		Treatment of Sewage or Contaminated Water	
EDMONTON. FISHERIES SECTION.		W74-12454 7-23	5D W74-06757 7-13 5A
Assessment of Two Mesh Sizes for			ALIGARH MUSLIM UNIV. (INDIA). DEPT. OF
Life Cycles, Standing Crop, and	Percentag	ALCHESAY NATIONAL FISH HATCHERY, WHITERIVER, ARIZ.	CHEMISTRY.
Composition of Stream Insects, W74-01601	7-03 2		
W /4-01001	7-03	to Reduce Turbidity in a Hatchery Wa	
ALBERTA UNIV., CALGARY.		Supply,	Tungstate Papers by Electrochromatography,
A Stochastic Model for Predicting	Variations i	W74-11942 7-22	
Reservoir Rock Properties,			
W74-00955	7-02 8	ALEPPO UNIV. (SYRIA). FACULTY OF	ALL-UNION DESIGNING, SURVEYING AND
ALBERTA UNIV., EDMONTON.		AGRICULTURE.	SCIENTIFIC RESEARCH INST.
Regime Problems of Rivers Form	ha? ni har	Autecology of Atriplex polycarpa from Calif	or- HYDROPROJECT, LENINGRAD (USSR).
ment.	icu iii scu	nia,	Components of the Water Balance of the Aral
W74-03789	7-08	W74-01259 7-03	
		ALEVANDDIA INST. OF OCEANOCDABUV	Fluctuations (Sostavlyayushchiye vodnogo balansa Aral'skogo morya i ikh vliyaniye na
A Spatial Correlation Between Pla		AND PICHEDIPS (ECVET)	mmnogoletniye kolebaniya yego urovnya),
tion and Unfrozen Ground Within	a Region of	Further Studies on the Hydrography	
Discontinuous Permafrost,	7-09 2		7-14 211
W74-04355	7-09 2	W74-02096 7-04	2H ALL-UNION DESIGNING, SURVEYING AND
Practical Extensions to a Theory o	f Consolid		SCIENTIFIC RESEARCH INST.
tion for Thawing Soils,		Quantitative Estimation of Bottom Fauna	
W74-04384	7-09 2		Factors Governing Changes in Channel
61 C		W74-02549 7-05	
Shear Strength at a Thaw Interface, W74-04390	7-09 2	ALEXANDRIA UNIV. (EGYPT).	ruslovykh protsessov), W74-01964 7-04 2J
W 74-04390	1-09 2	Effect of Temperature Variations on Grow	
Ferruginous Concretions in a Poo	orly Draine	Reproduction, Amino Acid Synthesis, Fat a	
Soil of Alberta,		Sugar Content in Ulva Fasciata Delile Plants	
W74-06485	7-12 2	W74-05499 7-11	
Inertial and Slip Effects in Steady-	State Dadi	1	izers and Liquidation of Their Losses During
Gas Flow Through Porous Media,	State Raul	ALEXANDRIA CHIV. (EGII I), AND BOWA	
W74-10096	7-19 8	UNIV.	W74-12148 7-23 21
		Effect of Different Saunities on Grow	
ALBERTA UNIV., EDMONTON. DEI	PT. OF	Reproduction, Amino Acid Synthesis, Fat a Sugar Content in Ulva Fasciata Delile,	PAPER INDUSTRY, ASTRAKHAN (USSR).
BOTANY.		7774 04007	
Physical Microclimates of Ero	sion-Contr	1 11-04057	(Intensifikatsiya raboty peschenykh fil'trov),
Structures in a Salt Desert Area, W74-07029	7-13 2	Effect of Different Carbon Sources on Grow	
11 14-01069	1-13 2	Reproduction, Amino Acid Synthesis, Fat	and
ALBERTA UNIV., EDMONTON. DEI	PT. OF	Sugar Contents in Ulva Fasciata Delile,	ALL-UNION RESEARCH INST. OF MARINE
CIVIL ENGINEERING.		W74-04098 7-08	
Bed Scour at End-Dump Chann	el Constri	ALEXANDRIA UNIV., (EGYPT). DEPT. OF	(USSR). Daily Diet and Rate of Feeding of Notothenia
tions,	705	OCE ANOCE A PERIO	rossi marmorata Fischer and Dissostichus elegi-
W74-02316	7-05 8	Effect of Pollution on the Blood Characterist	
Three-Dimensional Turbulent Wall	Jets,	of Tilapia zillii G.,	of Southern Georgia (USSR), (In Russian),
W74-05827	7-11 8		
			OR-15

Flow Characteristics of Sloping Channel

First Canadian Hydraulics Conference

Circular Turbulent Jet in an Opposing Infinite

Transverse Mixing in an Ice-Covered River,

ALBERTA UNIV., EDMONTON. DEPT. OF

Jumps.

Stream.

W74-12097

W74-12293

W74-08387

Proceedings. W74-12087

7-22 4A

Methods of Flood Flow Determination in

Flood Frequency Estimation in Northern

ALASKA UNIV., COLLEGE. INST. OF WATER RESOURCES; AND ALASKA UNIV., COLLEGE.

The Distribution and Succession of Aquatic

Vascular Plant Communities in Relation to

Physical-Chemical Characteristics of Various

Lakes and Ponds of The Tanana Valley, Cen-

Sparse Data Regions, W74-11458

Sparse Data Regions, W74-11459

INST. OF MARINE SCIENCE.

ALL-UNION SCIENTIFIC RESEARCH INST. OF HYDROGEOLOGY

ALL-UNION SCIENTIFIC RESEARCH INST. OF	AMERICAN BRASS CO., WESTBURY, CONN.	AMERICAN SOCIETY FOR TESTING AND
HYDROGEOLOGY AND ENGINEERING	DIV. OF ENGINEERED ENVIRONMENTS.	MATERIALS, PHILADELPHIA, PA.
GEOLOGY, MOSCOW (USSR).	Metallic Recovery from Waste Waters Utilizing	Standard Method of Evaluating Degree of
Groundwater Resources of the USSR (Resursy podzemnykh vod SSSR),	Cementation, W74-09062 7-17 5D	Rusting on Painted Steel Surfaces. W74-04156 7-08 8G
W74-00845 7-02 2F		
to the Control of Water Order	AMERICAN CAN CO., ASHLAND, WIS.	Biological Methods for the Assessment of
Arsenic-Containing Carbonated Waters, Occur-	Centrifuge Dewaters Sludge at Rate of 10 Tons	Water Quality. A Symposium Presented at the
rence Peculiarities, Chemical Composition, Oc- currence Conditions	Per Day,	Seventy-Fifth Annual Meeting, June 26-29,
currence Conditions (Mysh'yaksoderzhashchiye uglekislye vody	W74-00788 7-02 5D	1972.
Kavkoza (osobennosti rasprostraneniya,	AMERICAN CHEMICAL COCKETS	W74-08675 7-16 5A
khimicheskiy sostav, usloviya formirovaniya)),	AMERICAN CHEMICAL SOCIETY,	Biological Methods for the Assessment of
W74-10884 7-20 2K	WASHINGTON, D.C.	Water Quality (Symposium Presented at the
771000	Primary Publications in Environmental	75th Annual Meeting, American Society for
ALLAHABAD UNIV. (INDIA). DEPT. OF	Science, W74-03044 7-06 10A	Testing and Materials, Los Angeles, Calif., 26-
CHEMISTRY.	W74-03044 7-06 10A	29 June 1972).
Availability of Phosphorus and Nitrogen in	AMERICAN CYANAMID CO., STAMFORD,	W74-12174 7-23 5A
Acid Soil in Presence of Calcium Salts,	CONN. (ASSIGNEE).	
W74-01896 7-04 2G	Process of Removing Water from Slimes,	AMERICAN SOCIETY OF CIVIL
ALLEGHENY COLL., MEADVILLE, PA. DEPT.	W74-03007 7-06 5G	ENGINEERING, NEW YORK. COMMITTEE ON
OF BIOLOGY.		OPERATION AND MAINTENANCE OF
Some Characteristics of an Oscillatoria-	AMERICAN DISTILLING CO., PEKIN, ILL.	IRRIGATION AND DRAINAGE SYSTEMS.
Dominated Metalimnetic Phytoplankton Com-	Activated Sludge - Bio-Disc Treatment of	Operation and Maintenance of Irrigation and
munity,	Distillery Wastewater,	Drainage Systems: Section IIIOperation.
W74-06081 7-12 5C	W74-10525 7-20 5D	W74-08318 7-16 4A
		AMERICAN COCIETY OF CIVIL ENCINEERS
ALLEN AND HOSHALL, MEMPHIS, TENN.	AMERICAN FORESTRY ASSOCIATION,	AMERICAN SOCIETY OF CIVIL ENGINEERS,
Town 'Captures' Natural Spring: Cuts Water	WASHINGTON, D.C.	MARBLEHEAD, MASS. URBAN WATER RESOURCES RESEARCH PROGRAM.
Treatment Costs,	Forest Fires Damage More Than Trees,	Need for Metropolitan Water Balance Invento-
W74-10567 7-20 5F	W74-09126 7-17 4C	ries,
ALLIANCE PAPER MILLS LTD., MERRITTON		W74-00187 7-01 6A
(ONTARIO).	AMERICAN-ISRAELI PAPER MILLS LTD.,	W 74-00187 7-01 0A
Man Bites Dog: The Tale of How a Pulp Mill	HADERA (ISRAEL).	Problems in Modeling Urban Watersheds,
Was Rescued from Being Polluted to Death,	A 6000 Gallon/Ton Fine Paper Machine Water	W74-09911 7-19 4C
W74-12955 7-24 5G	System,	
	W74-08424 7-16 5D	AMERICAN SOCIETY OF CIVIL ENGINEERS,
ALLIED CHEMICAL CORP., IDAHO FALLS,	A Pilot Plant Study for the Treatment of Paper-	NEW YORK.
IDAHO. IDAHO CHEMICAL PROGRAMS	mill and Deinking Effluents,	Innovation: A Case Study,
OPERATIONS OFFICE.	W74-12429 7-23 5D	W74-07720 7-15 6B
1972 Operation of the ICPP Rare Gas Recovery	W /4-12429 /-25 3D	Total Market and Market and the Westerland of
Facility,	AMERICAN MUSEUM OF NATURAL	International Workshop on the Hydrological
W74-06822 7-13 5D	HISTORY, NEW YORK. DEPT. OF	Effects of Urbanization, Warsaw, 1973. W74-12052 7-23 4C
The Stack Monitoring System at the Idaho	ORNITHOLOGY.	W74-12052 7-23 4C
Chemical Processing Plant,	Effect of Artefact Pollution on the Viability of	AMERICAN SOCIETY OF CIVIL ENGINEERS,
W74-06824 7-13 5A	Seabird Colonies on Long Island, New York,	NEW YORK. HYDRAULICS DIV.
	W74-02001 7-04 5C	River-Ice Problems: A State-of-the-Art Survey
Tritium Distribution in the Nuclear Industry -		and Assessment of Research Needs.
The Requirements for Control Strategies,	AMERICAN PETROLEUM INST., NEW YORK.	W74-05824 7-11 2C
W74-07784 7-15 5B	The Draft United Nations Convention on the	
Summary Evaluation of Candidate Fluid-Bed	International Seabed AreaAmerican Petrole-	AMERICAN SOCIETY OF CIVIL ENGINEERS,
Solidification Processes for Use in the NWCF,	um Institute Position,	NEW YORK. RESEARCH SERVICES.
W74-09829 7-19 5D	W74-00859 7-02 5G	The Role of Professional Societies in the Dis-
W14-07027	AMERICAN BURLIO WORKS ASSOCIATION	semination of Water Resources Research Infor-
ALLIED COLLOIDS LTD., BRADFORD	AMERICAN PUBLIC WORKS ASSOCIATION,	mation,
(ENGLAND).	CHICAGO, ILL. Survey of Facilities Using Land Application of	W74-00203 7-01 10A
How Polyacrylamides can Help Effluent	Wastewater,	AMERICAN UNIV., BEIRUT (LEBANON).
Problems,	W74-04677 7-09 5D	DEPT. OF BIOLOGY.
W74-07391 7-14 5D	W/4-040//	Sand Beach Bacteria: Enumeration and
AMCHEM PRODUCTS INC. AMPLED BA	Prevention and Control of Infiltration and In-	Characterization,
AMCHEM PRODUCTS, INC., AMBLER, PA.	flow.	W74-01444 7-03 5A
(ASSIGNEE). Process for Treating Wastes Containing Chro-	W74-07257 7-14 5D	
mates and /or Complex Iron Cyanides,		Phytoneuston Ecology of a Temperate Marine
W74-13333 7-24 5D	Combined Sewer Overflow Regulator Facili-	Lagoon,
	ties,	W74-02985 7-06 5C
AMERICAN ASSOCIATION OF PETROLEUM	W74-07258 7-14 5D	AMERICAN TIMES REPORTED A PRANCE.
GEOLOGISTS, INC., TULSA, OKLA.	The Social Comments of Co. 12 A.S.	AMERICAN UNIV., BEIRUT (LEBANON).
Underground Waste Management and Artificial	The Swirl Concentrator as a Combined Sewer	FACULTY OF ENGINEERING AND
Recharge, Volumes 1 and 2.	Overflow Regulator,	ARCHITECTURE. Test Results on Buoyant Jets Injected Horizon-
W74-03222 7-07 5E	W74-07264 7-14 5D	
AMERICAN BAR ASSOCIATION.	The Swirl Concentrator as a Grit Separator	tally in a Cross Flowing Stream,
WASHINGTON, D.C. NATURAL RESOURCES	Device,	W74-07766 7-15 8B
LAW SECTION.	W74-10201 7-19 5D	AMERICAN UNIV., WASHINGTON, D.C. DEPT.
The Draft United Nations Convention on the	7719 30	OF BIOLOGY.
International Seabed Area - American Bar As-	A Survey of Land Application of Waste Water	Submerged Vascular Plants of the Chesapeake
sociation Position,	Facilities,	Bay and Tributaries,
W74-03377 7-07 6E	W74-11852 7-22 5D	W74-00901 7-02 2L

ANKARA UNIV., ADANA (TURKEY). FACULTY OF AGRICULTURE.

Mapping Atlantic Coastal Marshlands, Maryland, Georgia, Using ERTS-1 Imagery,	AMIENS UNIV. (FRANCE). LABORATOIRE DE PHYSIOLOGIE.	Wastewater System Alternates: What Are Theyand What Cost,
W74-02577 7-05 7B	Mechanism of Respiratory Exchanges in Aquatic Environment: A General Review In-	W74-13072 7-24 5D
Digital Analysis of Potomac River Basin ERTS Imagery: Sedimentation Levels at the Potomac-	cluding Personal Results, W74-10713 7-20 5A	ANDERSON-NICHOLS AND CO., INC., CONCORD, N.H.
Anacostia Confluence and Strip Mining in Al-	W74-10/13	Regional Wastewater Facilities Study.
legheny County, Maryland, W74-02583 7-05 7B	AMOCO PRODUCTION CO., TULSA, OKLA. Acquisition and Analysis of Data for Optimized	W74-02338 7-05 5D
Applications of Remote Sensing (ERTS) to	Drilling, W74-05099 7-10 8B	ANDHRA UNIV., WALTAIR (INDIA). DEPT. OF
Resource Management and Development in Sahelien Africa (Republic of Mali),	AMOCO PRODUCTION CO., TULSA, OKLA.	CHEMISTRY. Extraction and Spectrophotometric Determina-
W74-06686 7-13 4A	(ASSIGNEE)	tion of Vanadium as a Mixed Ligand Complex of Oxine and Azide.
AMERICAN WATER WORKS ASSOCIATION, NEW YORK. COMMITTEE ON WATER USE.	Protecting Offshore Structures from Ice, W74-03013 7-06 8C	W74-02362 7-05 5A
Water UseCommittee Report, Part II, Review of the Johns Hopkins University Research Pro-	AMOCO RESEARCH CENTER, TULSA, OKLA. Microporosity in Carbonate Rocks,	Microdetermination of Arsenic(III) and Osmi- um(VIII) through Osmium-Thiourea Reaction,
ject Method for Estimating Residential Water		W74-02396 7-05 5A
Use. W74-00121 7-01 6E		Photometric Determination of Diphenylamine
AMERICAN WATER WORKS ASSOCIATION,	INSTRUMENTATION DIV. Digital Magnetic Recording of Wideband	with Cerium(IV) Sulphate, W74-05478 7-11 5A
NEW YORK. RESEARCH COMMITTEE ON	Analog Signals,	
DISTRIBUTION SYSTEMS. Water-Distribution Research and Applied	W74-02982 7-06 7C	A New Vanadyl (IV) Thiocyanate Method for the Spectrophotometric Determination of
Development Needs.	AMSTERDAM UNIV. (NETHERLANDS).	Vanadium (IV),
	MEDICINE AND ENVIRONMENTAL HEALTH.	W74-09765 7-18 5A
AMERICAN WATER WORKS ASSOCIATION RESEARCH FOUNDATION, NEW YORK.	Interrelationship of Biochemical Responses to the Absorption of Inorganic Lead,	ANDHRA UNIV., WALTAIR (INDIA). DEPT. OF GEOLOGY.
Information Resource: Final Report Water Pol		Trace-Element Distribution in the Continental-
lution Control in Water Utilities, W74-06527 7-13 51	AMSTERDAM UNIV. (NETHERLANDS). INST. OF TAXONOMIC ZOOLOGY.	Shelf Sediments off the East Coast of India, W74-03350 7-07 2J
AMERICAN WATER WORKS SERVICE CO.,	A Find of Marsh Sandpiper Tringa stagnatilis in	ANDHRA UNIV., WALTAIR (INDIA), DEPT. OF
INC., PHILADELPHIA, PA. Auxiliary Uses of Disinfection Oxidizing	the Netherlands, W74-04681 7-09 5C	METEOROLOGY AND OCEANOGRAPHY.
Agents in Water Treatment, W74-05514 7-11 SI	AMSTERDAM UNIV. (NETHERLANDS).	Studies on the Currents in the Littoral Zone of the Waltair Beach.
	PHYSICS LAB.	W74-00519 7-01 2J
AMES LAB., IOWA. Lateral Diffusion Interferences in Flam.	Selection of Experimental Conditions for the Photometric Complex Formation Titrations of	Coastal Circulation Near Kakinada Bay During
Atomic Absorption and Emission Spec	Metals in the PPM-Range,	Monsoon Period,
trometry, W74-01342 7-03 21	W74-02404 7-05 5A	W74-04941 7-10 2L
Trace Organics In Water: Their Isolation and	ANACAPA SCIENCES, INC., SANTA BARBARA, CALIF.	ANDHRA UNIV., WALTAIR (INDIA). DEPT. OF ZOOLOGY.
Identification,	The Social Dimensions of Water-Resources	Mixing and Circulation in Gautami-Godavari
W74-03848 7-08 5/	W74-10416 7-20 6B	Estuary, W74-03459 7-07 2L
Inductively Coupled Plasma-Optical Emission Analytical Spectrometry. A Compact Facility		
for Trace Analysis of Solutions,	'Control by Variance' with the Probability	ANGLIAN WATER AUTHORITY (ENGLAND). LINCOLNSHIRE SEWAGE DIV.
W74-05309 7-10 5/	Computer, W74-06152 7-12 7C	Cost Effectiveness in Sewage Treatment,
AMF TUBOSCOPE, INC., GRAND RAPIDS, MICH.	ANALYTIC SCIENCES CORP., READING,	W74-08263 7-16 5D
Casing Potential Logging Related to Vertilo	MASS.	ANGPANNEFORENINGEN, STOCKHOLM
Corrosion Logging, W74-07868 7-15 80	Water Supply Management Alternatives for Rhode Island,	(SWEDEN). Treatment of Condensate,
	W74-06827 7-13 6D	W74-12409 7-23 5D
AMHERST COLL., MASS. DEPT. OF BIOLOGY.	ANALYTICAL QUALITY CONTROL SERVICE,	ANHEUSER-BUSCH, INC., ST. LOUIS, MO.
Differences in Littoral Fauna Due to Fluctuation Wester Laurela Balance A Hydroclastic Dom	WINCHESTER, MASS. Analysis for Tritium in Water: Intercomparison	ASSIGNEE.
ing Water Levels Below A Hydroelectric Dam, W74-00463 7-01 2	Study of November 1970,	Method of Removing Oil Spills, W74-07222 7-14 5G
AMHERST COLL., MASS. DEPT. OF	W74-02016 7-04 5B	ANIMAL AND PLANT HEALTH INSPECTION
GEOLOGY.	ANDERSON-NICHOLS AND CO., BOSTON,	SERVICE, BELTSVILLE, MD.
A Rapid and Accurate Method for the Analysi of Calcium Carbonate in Small Samples,	MASS. ENVIRONMENTAL SCIENCES DIV. Wastewater System Alternates: What Are	Collaborative Study of a Colorimetric Method
W74-10366 7-20 2	Theyand What Cost,	for Determining Arsenic Residues in Red Meat and Poultry,
AMICON CORP., LEXINGTON, MASS.	W74-09718 7-18 5D	W74-01403 7-03 5A
Evaluation of Asymmetric Hollow Fibers for Desalination by Reverse Osmosis,	Wastewater System Alternates: What are Theyand What Cost,	ANKARA UNIV., ADANA (TURKEY).
W74-00160 7-01 3/		FACULTY OF AGRICULTURE. Evaluation of the Hydrological Aspects of the
Development of a Monitor for Recycle of		Agricultural Studies in Arid and Semi-Arid
Waste Water, W74-10037 7-19 51	Theyand What Cost, W74-13071 7-24 5D	Zones of Turkey, W74-05219 7-10 3F
7-17-31		
		00.17

ANKARA UNIV. (TURKEY). DEPT. OF AGRICULTURAL ENGINEERING.

ANKARA UNIV. (TURKEY). DEPT. OF AGRICULTURAL ENGINEERING.		Self-Diffusion Coefficients and Rotat relation Times in Polar Liquids. VI. W	ater,	ARIZONA INTERAGENCY RANGE TECHNICAL SUB-COMMITTEE, TUCSON.
Land and Water Resource Development Crop Production in Turkey,		W74-08439	7-16 1A	Guide to Improvement of Arizona Rangeland. W74-02349 7-05 4A
W74-05222 7-10	3F	Environmental Status of the Lake		ARIZONA OUTDOOR RECREATION
ANKARA UNIV. (TURKEY). FACULTY OF		Region: Volume 7. Earthquake Hi		COORDINATING COMMISSION, PHOENIX.
AGRICULTURE.		Measurement with Application to Michigan Drainage Basin,	the Lake	Arizona State Lake Improvement Fund Plan.
The Arid Zone Problems in Turkey,		W74-09407	7-18 2H	W74-07108 7-14 6E
W74-05225 7-10	3F	1174 05407	, 10 211	
		Chlorination Experiments at the John		ARIZONA STATE UNIV., TEMPE.
ANKRANA UNIV. (TURKEY). DEPT. OF		Plant of the Appalachian Power	Company:	Montezuma Well, Arizona, as a Habitat, W74-03925 7-08 2F
BOTANY. Vegetation of Central Anatolia and its Ecological Control of Central Central Control of Central Cent	ov	April 9-10, 1973, W74-11676	7-22 5A	W74-03925 7-08 2F
W74-05214 7-10		W /4-116/6	1-22 JA	Geochemistry of Permafrost and Quaternary
W 14-03214	711	Assessment of the Ecological Consecutive	quences of	Stratigraphy,
APPLIED SCIENTIFIC RESEARCH CORP., O		Herbicide Use Along Transmiss	ion Line	W74-04364 7-09 20
THAILAND, BANGKOK. ENVIRONMENTAL		Rights-of-Way and Recommendation	for Such	Vertical Distribution of Fishes Relative to
AND ECOLOGICAL RESEARCH INST. Water Pollution in Thailand.		Use,	200 60	Physical, Chemical and Biological Features in
W74-08483 7-16	SG	W74-11977	7-22 5C	Two Central Arizona Reservoirs,
W 74-00403	30	Field Investigations of Heated Discha	arges from	W74-04474 7-09 50
APPLIED TECHNOLOGY CORP.,		Nuclear Power Plants on Lake Michig		Distance Disease Westernian in Second
PITTSBURGH, PA.		W74-12904	7-24 5B	Plankton Pigment Heterogeneity in Sever Reservoirs of the Lower Colorado Basin,
Carbonate Bonding of Taconite Tailings,				W74-06078 7-12 50
W74-07959 7-15	5G	Chemical Engineering Division Wast		117-00070
AQUA-CHEM, INC., WAUKESKA, WIS.		ment Programs Quarterly Report, December 1973.	October-	Productivity and Water Stress in Cacti,
200 MGD Desalting Plant Conceptual Stu	idv.	W74-13128	7-24 5D	W74-07109 7-14 2
Advanced Thin Film Distillation Process		W 74-15120	1-24 30	ARIZONA STATE UNIV., TEMPE. DEPT. OF
Test Module Design.		ARGONNE NATIONAL LAB., ILL. CE	NTER	BOTANY.
W74-11830 7-22	3A	FOR ENVIRONMENTAL STUDIES.		Seasonal Water Potential Changes in Sonora
ARBETSMEDICINSKA INSTITUTET,		Studies of the Sinking Plume Phenom		Desert Shrubs in Relation to Topography,
STOCKHOLM (SWEDEN). DEPT. OF		W74-02644	7-05 5C	W74-06464 7-12 2
CHEMISTRY.		An Evaluation of the Impact of La	nd Use on	ARIZONA STATE UNIV., TEMPE. DEPT. OF
Methods of Analysis,		Environmental Quality,		BOTANY AND MICROBIOLOGY.
W74-07681 7-15	5A	W74-09419	7-18 4A	A Technique for Extraction and Storage of
ABOU CARE MARINETARS OREC				Water Samples for Mn, Cd, and Pb Determina
ARCH CAPE MARINE LABS., OREG.	ein.	ARGONNE NATIONAL LAB., ILL. CH	IEMICAL	tion by Atomic Absorption Spectroscopy,
Observations on the Ecology of Laminaria clairii on Three Northern Oregon Beaches,	Sili-	ENGINEERING DIV. Chemical Engineering Division, Wast	o Managa	W74-05293 7-10 54
W74-01423 7-03	5C	ment Programs, Quarterly Report,		ARIZONA STATE UNIV., TEMPE. DEPT. OF
		tember 1973.	July-Sep-	ZOOLOGY.
ARCHER DANIELS MIDLAND CO., LINCOI	LN,	W74-07788	7-15 5D	Streptocephalus Moorei N. Sp., a New Fair
NEB.	1'			Shrimp (Anostraca) From Mexico,
A Computerized Solution for Bench Leve	eling	Characterization and Analysis of Air		W74-03319 7-07 2
Design, W74-06600 7-13	4.4	ticulate Material by Infrared Spectros W74-10957	7-21 5A	ABIZONA UNIV. TUCCON
174-00000	471	W /4-1093 /	7-21 3A	ARIZONA UNIV., TUCSON. Relationship of Transpiration to Atmospheri
ARCTIC HEALTH RESEARCH CENTER,		ARGONNE NATIONAL LAB., ILL.		Vapor Pressure,
COLLEGE, ALASKA.		OCCUPATIONAL HEALTH AND SAF	ETY DIV.	W74-00759 7-02 21
Reduction of High Nitrate Content from V	Well	Environmental Monitoring at Argonn	e National	
Water in a Remote Eskimo Village, W74-00949 7-02	6F	Laboratory: Annual Report for 1973,		Chemical and Biological Patterns in the Lowe
W /4-00949 7-02	3F	W74-13114	7-24 5B	Colorado River System, W74-00760 7-02 50
ARCTIC HEALTH RESEARCH CENTRE,		ARGUS EXPLORATION CO., NEWPO	RT	W74-00760 7-02 56
COLLEGE, ALASKA. ENVIRONMENTAL		BEACH, CALIF.		A Stochastic Model of Streamflow Based o
SCIENCES BRANCH.		Regional Tectonic Control of	Tertiary	the Theory of Functions of Markov Processes,
Ozone Treats Arctic Waters,	e #1	Mineralization and Recent Faultin	ng in the	W74-01123 7-03 2
W74-10556 7-20	3F	Southern Basin Range Province, A	n Applica-	Removal of Phosphate and Secondary B.O.I
ARGONNE NATIONAL LAB., ILL.		tion of ERTS-1 Data,	7.04 70	from Tertiary treated Wastewater by Aquati
Environmental Levels of Radioactivity	at	W74-01710	7-04 7C	Animals,
Atomic Energy Commission Installations.		ARIZONA ACADEMY OF SCIENCE,	ГЕМРЕ.	W74-01124 7-03 5
W74-03136 7-06	5A	Mormon Lake,		Educational Processor for Lord 1991
Hydrogen-Bond Patterns in Liquid Water,		W74-12784	7-24 6B	Educational Programs for Land and Water
W74-03539 7-07	1.4			Resources Development and Management, W74-01628 7-03 6
1-07	174	ARIZONA AGRICULTURAL EXPERI	MENT	7-01020
A Technique for Simultaneous Echo Loca	ation	STATION, PHOENIX. Land Disposal of Waste Gases: III	Commiss	A Mathematical Model of Primary Productivit
of Fish and Thermal Plume Mapping,	er.	Patterns From Buried Gas Injection		and Limnological Patterns in Lake Mead,
W74-04229 7-08	5B	W74 07422	TAL CD	W74-01630 7-03 5

ARIZONA COOPERATIVE FISHERY UNIT,

Avoidance Behavior of Insecticide Susceptible

and Resistant Populations of Mosquitofish to

W74-07422

W74-13074

Four Insecticides,

TUCSON.

7-10 5B

7-10 5B

7-14 5P

7-24 5C

7-03 5C

7-05 4D

A Cost-Effectiveness Study Municipal Refuse Disposal Systems, 7-03 5E A Cost-Effectiveness Study and Analysis of

The Importance of Sediment Transport in

Water Resources Planning,

W74-02351

W74-05197

W74-05198

Transpiration Measurement in Pines Using

Tritium Movement in an Old-Field Ecosystem

Tritiated Water as a Tracer,

Determined Experimentally,

Calcium Loss from Pla Osmotic Adjustment,	nt Roots During	ARIZONA UNIV. TUCSON. DEPT. OF HYDROLOGY AND WATER RESOURCES.	ARIZONA UNIV., TUCSON. DEPT. OF SOILS. Priming Effect of N-15 Labeled Fertilizers on
W74-03924	7-08 21	Cost-Effectiveness of Water Resources Systems Design in Developing Countries: Case	Soil Nitrogen in Field Experiments,
Arizona Indian Corn (Zea m		of the Lower Mekong,	
W74-03926	7-08 3F	W74-00171 7-01 6B	ARIZONA UNIV., TUCSON. DEPT. OF SOILS, WATER AND ENGINEERING.
Alfalfa Quality: Is There a I W74-03930	Oifference, 7-08 3F	Role of Digital Computer Models of Aquifers in Water Resources Planning: Case Study in Tuc-	A Way to Make the Desert Green,
Oceanographic Mapping		son, Arizona, W74-00176 7-01 4B	Use of Digital Computer Techniques in Water
Dynamics of the Northern by the Use of Spectral Mod		Transient Movement of Water and Solutes in	Resources Data Storage,
W74-06673	7-13 2L	Unsaturated Soil Systems,	W 14-02331 1-03 4B
Annotated Checklist and	Host Index for	W74-01104 7-03 20	Evaluation of Water Flux Above a Deep Water Table Using Thermocouple Psychrometers,
Arizona Wood-Rotting Fung W74-07097	gi, 7-14 2I	Water Quality Management in Groundwater Basins,	W74-03776 7-08 2G
Water Reuse in Protein Fe	ed Process Utilizing	W74-02356 7-05 5E	frigated Recreational Turigrass with Sewage
Lumber Mill Wastes, W74-07409	7-14 5D	Dispersion of Pollutants in Saturated Porous	Effluent, W74-03929 7-08 3C
		Media, W74-03093 7-06 5E	Land Disposal of Waste Gases: 1. Flow Analy-
Predicting the Hydrologic Modifications,	Effects of Land	Uncertainty in the Return Period of Maximum	sis of Gas Injection Systems,
W74-08753	7-17 4A	Events: A Bayesian Approach,	W/4-044/9 /-09 3E
Stream Gaging by Contin	nuous Injection of	W74-03137 7-06 2E	from Duried Dines
Tracer Elements, W74-10826	7-20 2E	A Decision-Theoretic Approach to Uncertainty in the Return Period of Maximum Flow	700 FF
		Volumes Using Rainfall Data,	Nitric Oxide Sarntion by Calcareous Sails: II
Analysis of Pumping Well N W74-12531	Near a Stream, 7-23 4B	W74-03138 7-06 2A	Effect of Moisture on Capacity, Rate, and
ARIZONA UNIV., TUCSON.	COLL. OF	Uncertainties in Hydrologic Models, W74-03916 7-08 2A	Sorption Products, W74-06894 7-13 5B
MEDICINE.			
Determination of Orthopho W74-00464	7-01 5A	Worth of Data Used in Digital-Compute Models of Ground-Water Basins,	Table,
ARIZONA UNIV., TUCSON.	DEPT. OF	W74-04975 7-10 4I	W74-07517 7-14 2G
AGRICULTURAL ECONOM	ICS.	An Analysis of the Water Quality Problems o	
The Economics of the Catt in Arizona,	tle Feeding Industry	the Safford Valley, Arizona, W74-04976 7-10 51	Ponded Leaching, W74-07518 7-14 2G
W74-00758	7-02 6C	Effects of Well Injection on a Basaltic Ghyben	
A Linear Programming App	proach to Floodplain	Herzberg Aquifer,	Other Solutes of Agricultural Drain Water,
Land Use Planning in Urba	n Areas,	W74-06264 7-12 51	3 W74-08280 7-16 5B
W74-01490	7-03 3D	Chemical and Biological Problems in the Grand	Groundwater Recharge from a Portion of the
The Economics of Sh	ort-Season Cotton	Canyon, W74-07093 7-14 51	Santa Catalina Mountains, W74-08764 7-17 2F
Production in Arizona, W74-03928	7-08 3F		
A Methodology for Plannin	g I and Use and En-	Interdisciplinary Modeling in the Analysis of the Salinity Problems of the Safford Valley,	Penetrability and Hydraulic Conductivity of Dilute Sulfuric Acid Solutions in Selected
gineering Alternatives for		W74-07297 7-14 51	Arizona Soils,
ment, W74-10277	7-19 4A	Competitive Groundwater Usage from th	W74-08765 7-17 2G
		Navajo Sandstone, W74-08768 7-17 41	The Effect of Data Density on Groundwater
ARIZONA UNIV., TUCSON. AGRONOMY AND PLANT G			W74.08781 7.17 2E
Recycling Urban Effluents		Salinity Problems of the Safford Valley: An Interdisciplinary Analysis,	
nual Crops, W74-05980	7-12 5D	W74-08769 7-17 51	Time-Dependent Linearized Infiltration. I. Point Sources,
		Land Subsidence: An Economic Analysis,	W74-10217 7-19 2G
ARIZONA UNIV., TUCSON. CHEMISTRY.	DEPT. OF	W74-12225 7-23 66	ARIZONA UNIV., TUCSON. DEPT. OF
Atomic Absorption Proceed		Limits of Deterministic Predictability of Satu	SYSTEMS AND INDUSTRIAL ENGINEERING. Decision Analysis of a Gamma Hydrologic
Metals in Atmospheric Part W74-12508	7-23 5A	rated Flow Equations, W74-12823 7-24 2	
			W74-12301 7-23 2B
ARIZONA UNIV., TUCSON. ENGINEERING AND ENGIN		ARIZONA UNIV., TUCSON. DEPT. OF MICROBIOLOGY AND MEDICAL	ARIZONA UNIV., TUCSON. DEPT. OF
MECHANICS. The Use of Power Plant	Heat in a Physical-	TECHNOLOGY. The Effects of Selected Herbicides on Bacter	SYSTEMS ENGINEERING. Input Specifications to Stochastic Decision
Chemical Domestic Was		al Populations in an Aquatic Environment,	Models,
System, W74-02208	7-05 5D	W74-05484 7-11 56	W74-02209 7-05 2E
		ARIZONA UNIV., TUCSON. DEPT. OF	ARIZONA UNIV., TUCSON. DEPT. OF
ARIZONA UNIV., TUCSON. GEOSCIENCES.	DEPT. OF	NUCLEAR ENGINEERING. Conceptual Design Evaluation of a Physical	WATERSHED MANAGEMENT. Development of a Time-Space Prediction
Geologic Factors Affecti		Chemical Domestic Waste Treatment System	Technique to Evaluate Snowpacks in and Ad-
Deposits in a Land-Subside W74-01958	ence Area, 7-04 4B	Utilizing Power Plant Waste Heat, W74-09253 7-18 51	jacent to Forest Openings, W74-01231 7-03 3B
14-01/30	/-O4 4D	1-10 31	

ARIZONA UNIV., TUCSON. DEPT. OF WATERSHED MANAGEMENT.

Continue Control of Imigation Water Applica	ADIZONA IINIV THECON WATER	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF
Optimum Control of Irrigation Water Applica- tion,	ARIZONA UNIV., TUCSON. WATER RESOURCES RESEARCH CENTER.	CIVIL ENGINEERING.
W74-01973 7-04 3F	Subsurface Quality Transformations During the	A Eutrophication Model of the White River
A Stochastic Snow Model to Evaluate Reser-	Initiation of a New Stabilization Lagoon,	Basin Above Beaver Reservoir in Northwest Arkansas.
voir Operation,	W74-01972 7-04 5D	W74-00555 7-02 5C
W74-04918 7-10 4A	Modeling of Hydrologic Processes and Water	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF
Systems Analysis: A Decision-making Tool for	Salvage Procedures in Semiarid Regions, W74-08702 7-17 5D	ECONOMICS.
Arid Land Development,	W/4-06/02 /-1/ 3D	The Economic Impact of Beaver Lake Reser-
W74-05223 7-10 6A	Effect of Urbanization on Runoff from Small	voir: A Cost Benefit Study, W74-01652 7-04 6E
A Preliminary Assessment of Snowfall Inter-	Watersheds, W74-09245 7-17 4C	
ception in Arizona Ponderosa Pine Forest,	W14-03243	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF
W74-06455 7-12 2C	ARIZONA UNIV., TUSCON. DEPT. OF	Broad Spectrum Microwave Systems for
Effects of a Wetting Agent on the Infiltration	GEOSCIENCES. Impact of Mining Gravel from Urban Stream	Remotely Measuring Soil Moisture Content,
Characteristics of a Ponderosa Pine Soil,	Beds in the Southwestern United States,	W74-07052 7-14 20
W74-06456 7-12 2G	W74-06374 7-12 4C	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF
Probability Distribution of Snow Course Data	ARIZONA UNIV., TUSCON. INST. OF	ZOOLOGY.
for Central Arizona,	GOVERNMENT RESEARCH.	Notes on the Upper Lethal Temperature of the
W74-07094 7-14 2C	The National Water Commission Report: A	Duskystripe Shiner, Notropis Pilsbryi, and the Bluegill, Lepomis macrochirus,
A Computer Automated System for Hydrologic	Review,	W74-06037 7-12 50
Data Acquisition and Analyses,	W74-01853 7-04 6E	Limnological, Ichthyological, and Parasitologi
W74-11558 7-22 7B	ARIZONA WATER COMMISSION, PHOENIX.	cal Investigations on Arkansas Reservoirs in
Reclamation Studies on Black Mesa,	State Flood Control Program.	Relation to Water Quality,
W74-13144 7-24 5G	W74-07111 7-14 4A	W74-13167 7-24 2F
BIZONA HAID THECON DAVIDONMENTAL	Improving Municipal Water Supplies in	ARKANSAS UNIV., FAYETTEVILLE. WATER
RIZONA UNIV., TUCSON. ENVIRONMENTAL RESEARCH LAB.	Arizona by Desalting,	RESOURCES RESEARCH CENTER. Mathematical Modeling of Stream Storage
The Use of Desalted Seawater for Intensive	W74-08063 7-15 3A	Potential.
Agricultural Applications, (El Uso de Agua de	Arizona's Water Resources,	W74-04305 7-09 2E
Mar Desalada Para Intensivas Aplicaciones	W74-13152 7-24 6D	ARKANSAS WILDLIFE FEDERATION, INC.,
Agricolas), W74-02359 7-05 3A	ARIZONA WATER RESOURCES RESEARCH	DARDANELLE.
17-02337 7-03 3A	CENTER, TUCSON; AND ARIZONA	Water Commission Endorses User Pay Con
Plastic Oases for Arid Seashores,	AGRICULTURAL EXPERIMENT STATION,	cept, W74-04036 7-08 6B
W74-06468 7-12 3A	TUCSON. Proposed Municipal Waste WaterGround-	W 74-04036 7-08 6E
ARIZONA UNIV., TUCSON. INST. OF	water Exchange, City of Tucson: Avra-Marana	ARKTICHESKII I ANTARKTICHESKII
TMOSPHERIC PHYSICS.	Valley.	NAUCHNO-ISSLEDOVATELSKII INSTITUT, LENINGRAD (USSR).
Survey of Weather Modification in the Soviet Union: 1973,	W74-03340 7-07 5G	New Data on Water Circulation in the Arcti
W74-12061 7-23 3B	ARKANSAS POLYTECHNIC UNIV.,	Basin (Novyye dannyye o tsirkulyatsii vo
DIFFORM THE STATE OF THE STATE	RUSSELLVILLE. DEPT. OF BIOLOGICAL	Arkticheskogo basseyna), W74-09649 7-18 2l
ARIZONA UNIV., TUCSON. LAB. OF TREE- RING RESEARCH.	SCIENCE. Build-Up of Mineral Content in Lake Dar-	
Dendroclimatic History of Southwestern	danelle and the Effect of Zooplankton,	ARMCO STEEL CORP., HOUSTON, TEX. Causes and Prevention of Drill Pipe Troubles,
United States,	W74-12859 7-24 5C	W74-07889 7-15 80
W74-06290 7-12 2B	ARKANSAS UNIV., FAYETTEVILLE. COLL.	
ARIZONA UNIV., TUCSON. OFFICE OF ARID	OF ENGINEERING.	ARMY COASTAL ENGINEERING RESEARCH CENTER, FORT BELVOIR, VA.
ANDS STUDIES.	A Test Method for Volatile Component	Pleistocene-Holocene Sediments Interpreted b
Southwestern Groundwater Law: A Textual	Stripping of Waste Water,	Seismic Refraction and Wash-Bore Sampling
and Bibliographic Interpretation, W74-04460 7-09 4B	W74-11801 7-22 5D	Plum Island-Castle Neck, Mass., W74-07875 7-15 21
	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF	
World Desertification: Cause and Effect. A	AGRONOMY.	ARMY COASTAL ENGINEERING RESEARCH CENTER, WASHINGTON, D.C.
Literature Review and Annotated Bibliography, W74-04461 7-09 3B	Self-Diffusion Coefficients of Selected Herbi- cides in Water and Estimates of Their Trans-	Characteristics of Wave Records in the Coasts
	mission Factors in Soil,	Zone,
Application of Remote Sensing to State and	W74-03778 7-08 5B	W74-00033 7-01 21
Local Government (ARSIG), W74-13140 7-24 6F	The Effect of Exclusion Volume on Poten-	Longshore Current Velocity: A Review of
	tiometric Nitrate Measurement,	Theory and Data, W74-01187 7-03 2
Jojoba: A Wax-Producing Shrub of the Sonoran Desert, Literature Review and An-	W74-08919 7-17 2G	W74-01187 7-03 2
notated Bibliography,	A Capillary Tube Diffusion Cell for Measuring	Use of ERTS-1 in Coastal Studies,
W74-13141 7-24 2I	Ion Diffusion in Aqueous Solutions,	W74-02633 7-05 21
ARIZONA UNIV., TUCSON. OFFICE OF ARID	W74-10207 7-19 5A	Wave Breaking in Shallow Water,
LANDS STUDIES. OFFICE OF ARID LANDS	ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF	W74-02638 7-05 2
STUDIES, ARIZONA UNIV., TUCSON.	CHEMICAL ENGINEERING.	Design Considerations for a 3-D Laser Dopple
Natural Resource Inventory for Urban Planning Utilizing Remote Sensing Techniques,	Heat Transfer Models for a Subsurface, Water Pipe, Soil-Warming System,	Velocimeter for Studying Gravity Waves i
W74-13143 7-24 6B	W74-09921 7-19 5B	Shallow Water, W74-02642 7-05 2

ARMY ENGINEER DISTRICT. MOBILE, ALA.

Bulletin and Summary of Research Progress Fiscal Years 1970-71. 7-05 2L	Wave Runup on Vertical Cylinders, W74-03372 7-07 8B	Flood Plain Information; Wilkesboro and North Wilkesboro, North Carolina; Yadkin River an Reddies River.
V74-02647 7-05 2L Iurricane Surge Frequency Estimated for the	ARMY COASTAL ENGINEERING RESEARCH CENTER, WASHINGTON, D.C. ENGINEERING	W74-09356 7-18 4/
Gulf Coast of Texas,	DEVELOPMENT DIV.	Flood Plain Information; Reedy River
V74-02700 7-06 2L	Time-Interval Photography of Littoral Phenomena,	Richland Creek, Greenville County, Sout Carolina.
Coastal Imagery Data Bank: Interim Report,	W74-03364 7-07 2J	W74-09358 7-18 4
V74-02701 7-06 2L	ARMY COASTAL ENGINEERING RESEARCH	ARMY ENGINEER DISTRICT, CHICAGO, ILL
breaker Type Classification on Three Labora-	CENTER, WASHINGTON, D.C. EVALUATION	Theory, Development, and Utilization Potentia
ory Beaches, V74-02712 7-06 2E	BRANCH. State of Groin Design and Effectiveness,	of the Biomilieu Concept, W74-06332 7-12 2
	W74-03370 7-07 8A	
ource and Distribution of Sediments at Brun- wick Harbor and Vicinity, Georgia,	ARMY COASTAL ENGINEERING RESEARCH	ARMY ENGINEER DISTRICT, JACKSONVILLE, FLA.
/74-03110 7-06 2J	CENTER, WASHINGTON, D.C. RESEARCH	Effect of Wave Action on Tidal Stages Alor
orrelation of Littoral Transport with Wave	DIV. Longshore Currents at Nags Head, North	the Coast of Florida, March 1962,
nergy Along Shores of New York and New	Carolina,	W74-04927 7-10 2
ersey,	W74-04928 7-10 2L	Beach Erosion Control Project, Delray Beach
774-03112 7-06 23	ARMY CONSTRUCTION ENGINEERING	Florida (Final Environmental Impact Stat ment).
faximum Breaker Height for Design,	RESEARCH LAB., CHAMPAIGN, ILL.	W74-05813 7-11 8
774-03363 7-07 8B	An Economic Feasibility Study of Fayetteville, North Carolina, Treating Fort Bragg's Waste-	Port Everglades Harbor, Broward Count
haracter and Stability of a Natural Tidal Inlet,	water,	Florida (Final Environmental Statement).
74-03365 7-07 2L	W74-03187 7-06 5D	W74-08518 7-16 8
uspended Sediment and Longshore Sediment	Sanitary Landfill,	Beach Erosion Control Study on Manat
ransport Data Review, 74-03368 7-07 2J	W74-10018 7-19 5E	County, Florida (Final Environmental State
	Evaluation of a Field-Type Incineration for	ment). W74-09264 7-18
ongshore Transport of Suspended Sediment,	Human Waste, (Theater of Operation Sewage	
774-03369 7-07 23	Treatment Systems), W74-11785 7-22 5D	ARMY ENGINEER DISTRICT, KANSAS CITY MO.
oastal Sand Mining in Northern California		Levee Unit No. L-246, Missouri River Lev
.S.A., 74-03371 7-07 80	ARMY ENGINEER DISTRICT, ALBUQUERQUE, N. MEX.	System (Final Environmental Statement).
	Alpine Lake Project Alpine, Texas, (Final En-	W74-00879 7-02
emote Sensing in the Study of Coastal rocesses,		ARMY ENGINEER DISTRICT, LOS ANGELES
7-07 7E	W74-13224 7-24 4A	CALIF. COASTAL ENGINEERING BRANCH. Littoral Bypassing and Beach Restoration
oastal Applications of the ERTS-A Satellite,	ARMY ENGINEER DISTRICT, ANCHORAGE,	the Vicinity of Port Hueneme California,
oastal Applications of the ER15-A Satellite,	ALASKA. Flood Plain Information, Rabbit Creek,	W74-03694 7-07
adioisotopic Sand Tracer Study Point Con-	Anchorage, Alaska.	ARMY ENGINEER DISTRICT, LOS ANGELES
eption, California. Preliminary Report on Ac-	W74-01873 7-04 6F	CALIF. FLOOD PLAIN MANAGEMENT
omplishments July 1966 - June 1968,	Flood Plain Information, Kenai River, Phase I,	SECTION. Some Aspects of Approximating Aquil
7-07 23	Kenai Peninsula Borough, Alaska. W74-01952 7-04 4A	Discharge,
ed Forms Generated in the Laboratory Under		W74-09096 7-17
n Oscillatory Flow: Analytical and Experi- tental Study,	ARMY ENGINEER DISTRICT, BALTIMORE, MD.	ARMY ENGINEER DISTRICT, MEMPHIS,
774-03612 7-07 8E	Raystown LakeRaystown Branch Juniata	TENN.
	River, Pennsylvania (Final Environmental	Flood Plain Information for Harris Fork Cre and South Fulton Branch, Fulton, Kentuc
Model Study of the Entrance Channel Depoc ay, Oregon,	Statement). W74-09262 7-18 8D	and South Fulton, Tennessee.
774-03614 7-07 8E		W74-03125 7-06
udget of Littoral Sands in the Vicinity of	ARMY ENGINEER DISTRICT. BUFFALO, N.Y. Buffalo Harbor, New York (Maintenance),	Detailed Project Report, Dyersburg, Tenne
oint Arguello, California,	(Final Environmental Impact Statement).	see, Finley Street Area.
774-04221 7-08 2	W74-06197 7-12 8A	W74-04989 7-10
Vaves Generated by Horizontal Motion of a		ARMY ENGINEER DISTRICT. MOBILE, ALA Tallahala Creek Lake. Pascagoula River Bas
Vall, V74-04760 7-09 8E	Mohawk Power Corporation, Oswego Harbor, New York (Final Environmental Impact State-	Tallahala Creek Lake, Pascagoula River Bas Mississippi (Final Environmental Impact Sta
	ment).	ment).
ERC Bulletin and Summary Report of	W74-12600 7-23 6G	W74-01610 7-03
esearch Progress for Fiscal Years 1965-66. 774-04926 7-10 2I	ARMY ENGINEER DISTRICT, CHARLESTON.	Flood Plain Information, Pascagoula-Gaut
	S.C.	Coastal Areas, Jackson County, Mississippi. W74-02121 7-04
easonal Changes in Beaches of the North At antic Coast of the United States.	Flood Plain Information; Grants Creek - Town Creek, City of Salisbury, North Carolina.	
774-04963 7-10 2		Permit Application by Radcliff Materials, In
	Flood Plain Information; Pocotaligo River-Tur-	Dredging of Dead-Reef Shells, Mobile Ba Alabama (Final Environmental Statement
MY COASTAL ENGINEERING RESEARCH		the state of the s
NTER, WASHINGTON, D.C. COASTAL	key Creek-Cane Savannah Creek-Green	
MY COASTAL ENGINEERING RESEARCH NTER, WASHINGTON, D.C. COASTAL OCESSES BRANCH. A Gross Longshore Transport Rate Formula,		21Available NTIS, Springfield, Va. 22151 EIS-AL-73-0542-F, Price \$12.00 printed cop February 1973. 187 p, 44 ref.

Choctawhatchee River ar		
Florida, Permit Application and Fresh Water Fish Con vironmental Impact Stateme	nmission (Final	
W74-06985	7-13	4A
Tombigbee River (East For ty, Mississippi. Operation a W74-11144		
ty, Mississippi. Operation a	nd Maintenance 7-21 information Re	4A

Creek, Dougherty County, Georgia. 7-24 4A W74-13067

Flood Plain Information: Sope Creek, Vicinity of Marietta, Georgia. W74-13068 7-24 4A

Special Flood Hazard Information Report, Chattahoochee River, Roaring Branch, Weracoba Creek and Lower Bull Creek, Vicinity of Columbus, Georgia. W74-13070 7-24 4A

ARMY ENGINEER DISTRICT, NASHVILLE, TENN.

Temporary Navigation Lock (Modification of Lock and Dam 53) (Final Environmental Impact Statement), Ohio River, Illinois and Kentucky W74-03966

ARMY ENGINEER DISTRICT, NEW ORLEANS,

Calcasieu River at Coon Island, Louisiana, Ship Channel (Final Environmental Impact Statement).

W74-07118 7-14 8A

ARMY ENGINEER DISTRICT, NEW YORK. The Atlantic Coast of Long Island, 7-09 8A

Spur Channel to Astoria Waterfront, East River, New York (Final Environmental Statement). W74-08519

ARMY ENGINEER DISTRICT, NEW YORK, N.Y.

Maintenance of the Newark Bay, Hackensack and Passaic Rivers Navigation Project, New Jersey (Final Environmental Statement). W74-09267 7-18 4A

ARMY ENGINEER DISTRICT, NORFOLK, VA. Chincoteague Inlet, Navigation Project, Accomack County, Virginia (Final Environmental Statement).

W74-02800 7-06 8A Gathright Lake, Jackson River, James River Basin, Virginia (Final Environmental Impact

W74-05808 7-11 4A

Norfolk Harbor Disposal Study: Hydrogeologic Study of Nansemond City Disposal Area.

Buena Vista Flood Protection Project, Buena Vista, Virginia (Final Environmental Statement). W74-09272 7-18 4A

Flood Plain Information: Kingsland Creek, Chesterfield County, Virginia, W74-12393 7-23 4A Thimble Shoal Channel (Maintenance Dredging) (Final Environmental Impact Statement). W74-13226 7-24 4A

ARMY ENGINEER DISTRICT, OMAHA, NEB.

Ground Water Problem at Niobrara, Nebraska and the Niobrara State Park (Final Environmental Statement). W74-06001

ARMY ENGINEER DISTRICT. PHILADELPHIA, PA.

Guidelines for Dealing with Floods on Hay W74-05532 7-11 4A

Small Beach Erosion Control Project, Lewes, Delaware (Final Environmental Impact Statement). W74-07295 7-14 4A

Flood Plain Information, Little Neshaminy Creek, Bucks County, Pennsylvania. W74-13069 7-24 4A

Trexler Lake, Jordan Creek, Pennsylvania (Final Environmental Impact Statement). W74-13225 7-24 4A

ARMY ENGINEER DISTRICT, PITTSBURGH,

Flood Proofing Regulations for Building Codes, W74-05236

Woodcock Creek Lake, French Creek Basin, Pennsylvania (Final Environmental Impact Statement). W74-06986 7-13 8A

Flood Plain Information: Ohio River, Brooke County, West Virginia. W74-09354

Flood Plain Information, Ohio River: Monroe County, Ohio. 7-19 4A W74-09965

Flood Plain Information, Ohio River: Jefferson County, Ohio. W74-09966 7-19 4A

Flood Plain Information, Monongahela River: North Charleroi, Charleroi, Speers, Dunlevy, Allenport, Stockdale, Roscoe, and Elco, Washington County, Pennsylvania. W74-09967 7-19 4A

Flood Plain Information, Ohio River: Belmont County, Ohio. W74-09968 7-19 4A

Flood Plain Information, Ohio River: Wetzel County, West Virginia. W74-09969 7-19 4A

Flood Plain Information, Ohio River: Marshall County, West Virginia. W74-09970 7-19 4A

Flood Plain Information, Ohio River: Hancock County, West Virginia. W74-09971 7-19 4A

Flood Plain Information, Ohio River: Columbiana County, Ohio. W74-09972

Flood Plain Information, Ohio River: Ohio County, West Virginia. W74-11677 7-22 4A

ARMY ENGINEER DISTRICT, SACRAMENTO.

New Melones Lake, Stanislaus River, California (Final Environmental Impact Statement). W74-05810

New Melones Lake Stanislaus River, California: Supplemental Data on Use of Conservation Yield (Supplemental Environmental Impact Statement) W74-09269 7-18 4A

ARMY ENGINEER DISTRICT, SAN FRANCISCO, CALIF.

Oakland Inner Harbor, Alameda County, California (Final Environmental Impact Statement). W74-04027

Lower Klamath River Flood Control Project, Del Norte County, California (Final Environmental Impact Statment). W74-06989

ARMY ENGINEER DISTRICT, SEATTLE, WASH.

Libby Reregulating Dam and Lake--At Site Power Kootenai River, Montana (Final Environmental Statement). W74-09266

ARMY ENGINEER DISTRICT, TULSA, OKLA.

Gillham Lake, Cossatot River Arkansas (Final Environmental Impact Statement). W74-00881 7-02 4A

Gillham Lake, Cossatot River, Arkansas, Appendix II (Photographs), Appendix III (Environmental Elements), (Final Environmental Impact Statement). 7-02 4A

Natural Chloride Pollution, Arkansas and Red River Basins. W74-05742 7-11 5B

Birch Lake, Birch Creek, Oklahoma (Final Environmental Impact Statement). W74-05809 7-11 4A

El Dorado Lake, Walnut River, Kansas, Volume 1, (Final Environmental Statement).

Port Verdigris 33, Inc., Verdigris River, Oklahoma (Final Environmental Statement). W74-09270 7-18 4A

ARMY ENGINEER DISTRICT, VICKSBURG, MISS.

Rivers as Dynamic Systems. W74-02857 7-06 2E

Response of the Lower Mississippi River to Changes in Valley Slope, Sinuosity and Water Temperature, W74-03216

ARMY ENGINEER DISTRICT, VICKSBURG. MISS. POTAMOLOGY SECTION.

Metamorphosis of a River--A Comparison of the Mississippi River Before and After Cutoffs, W74-05414 7-11 2E

Model and Prototype Analysis of the Old River Diversion on the Mississippi River, W74-05961 7-12 8B

ORGANIZATIONAL INDEX ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS. HYDRAULICS

ARMY ENGINEER DISTRICT, WALLA	CALIF. EXPLOSIVE EXCAVATION RESEARCH LAB.	Approximate Solution for Unconfined Seepage, W74-06338 7-12 4A
WALLA, WASH. Beech Creek, Mt. Vernon, Oregon, Flood Con-	Demolition of Ft. Meade Dam, Sturgis, South	W /4-00338 /-12 4A
trol Channel (Final Environmental Impact Statement).	Dakota, June 1972, W74-00322 7-01 8H	Herbivorous Fish for Aquatic Plant Control, W74-07470 7-14 4A
W74-12599 7-23 4A	Annotated Bibliography of Explosive Excava-	Subsurface Exploration and Sampling of Soils
ARMY ENGINEER DISTRICT, WILMINGTON, N.C.	tion Related Research. W74-07314 7-14 8H	for Civil Engineering Purposes, W74-07905 7-15 8D
Flood Plain Information: Big Buffalo Creek-	ARMY ENGINEER WATERWAYS	Outlet Works, Stilling Basin for Tallahala Dam,
Little Buffalo CreekCity of Sanford, North Carolina.	EXPERIMENT STATION, VICKSBURG, MISS. Utilization of Remote Sensing in River Basin	Tallahala Creek, Mississippi, W74-07925 7-15 8B
W74-04993 7-10 4A	Studies,	
Flood Plain Information; Roanoke River- Chocovotte Creek; City of Roanoke Rapids and	W74-01154 7-03 5A	Proposed Jetty-Head Repair Sections, Hum- boldt Bay, California, W74-09117 7-17 8A
Town of Weldon, North Carolina.	Mathematical Modeling of Water Quality, W74-03217 7-07 5B	W/4-0911/ /-1/ 6A
W74-04994 7-10 4A	Multiple Outlet Selective Withdrawal	Wave Action and Breakwater Location Harbor of Refuge for Light-Draft Vessels, Barcelona,
Flood Plain Information-Back Creek in Roanoke County, Virginia.	Technique for Water Quality Prediction of Lake Releases,	New York, W74-09259 7-18 8B
W74-05866 7-11 4A	W74-03218 7-07 5B	Drainage and Erosion Control Facilities, Field
Flood Plain Information: Neuse River-Adkin	Pilot Model Study for the Design of Hilo Har-	Performance Investigation,
Branch, City of Kinston, North Carolina. W74-05867 7-11 4A	bor Tsunami Model. Hydraulic Model Investigation,	W74-09948 7-19 8A
Flood Plain Information - Neuse River, Stoney	W74-03613 7-07 8B	A Technique for Interpretation of Multispectral Remote Sensor Data,
Creek, and Little River, Goldsboro, North	Survey of Gulf Coast Structural Damage	W74-11773 7-22 7C
Carolina.	Resulting from Hurricane Camille, August	
W74-05868 7-11 4A	1969,	Biological Control of Water Hyacinth with In-
Photo Pick Total Committee	W74-03623 7-07 8B	sect Enemies, W74-12593 7-23 4A
Flood Plain Information-Neuse and Trent	Study of Beach Widening By the Perched	
Rivers and Jack Smith Creek, New Bern, North Carolina.	Beach Concept, Santa Monica Bay, California,	ARMY ENGINEER WATERWAYS
W74-07073 7-14 4A	W74-04603 7-09 8B	EXPERIMENT STATION, VICKSBURG, MISS. HYDRAULICS DIV.
Flood Plain Information-Neuse River and Buf-	Selection and Design of a Bore Generator for	Effects of Man-Made Works on the Hydraulic,
falo Creek, Smithfield, North Carolina.	the Hilo Harbor Tsunami Model. Hydraulic	Salinity, and Shoaling Regimens of Estuaries,
W74-07074 7-14 4A	Model Investigation, W74-04946 7-10 8B	W74-07249 7-14 5C
Flood Plain Information: Burdens and Two	Field Pressiones in Petrodica	ARMY ENGINEER WATERWAYS
Bottle Creeks at Research Triangle Area, Durham County, North Carolina.	Field Experience in Estuaries, W74-04956 7-10 2L	EXPERIMENT STATION, VICKSBURG, MISS. HYDRAULICS LAB.
W74-07075 7-14 4A	Model Laws for Coastal and Estuarine Models, W74-04957 7-10 2L	Galveston Bay Hurricane Surge Study: Report 2. Effects of Proposed Barriers on Tides, Cur-
Flood Plain Information - Glade Creek, Vinton,	Tital and Calinian Madal Decades	rents, Salinities, and Dye Dispersion for Nor- mal Tide Conditions-Appendix B: Calibration
Virginia.	Tidal and Salinity Model Practice, W74-04958 7-10 2L	tests,
W74-07076 7-14 4A	W /4-04730 /-10 ZL	W74-04573 7-09 8B
Flood Plain Information; Kit and Northeast	Cellular-Block-Lined Grade Control Structure,	Wave Action and Breakwater Design, Hamlin
Creeks; Research Triangle Area, Durham and	W74-05523 7-11 8B	Beach Harbor, New York,
Wake Counties, North Carolina. W74-09357 7-18 4A	Houstonhannel, Galveston Bay, Texas: Report 1Hydraulic and Salinity Verification,	W74-04588 7-09 8B
A DAY U PROTECTION DAY COMMENT DA COMMENT DAY	W74-05531 7-11 8B	Enlargement of the Chesapeake and Delaware
ARMY ENGINEER DIV. SOUTH PACIFIC, SAN		Canal, Hydraulic and Mathematical Model In-
FRANCISCO, CALIF. COASTAL ENGINEERING BRANCH.	Designs for Rubble-Mound Breakwater Repairs Nawiliwili Harbor, Nawiliwili, Hawaii. Hydrau-	vestigation, W74-05036 7-10 8B
Application of ERTS-1 Imagery in Coastal Stu-	lic Model Investigation,	m /4-03030 /-10 8B
dies,	W74-05705 7-11 8B	Study of Beach Widening by the Perched
W74-06709 7-13 2L	***************************************	Beach Concept Santa Monica Bay, California.
ADMY ENGINEED PYDI OCIVE EYCAVATION	Location and Design of Wave Absorber, Gary	Hydraulic Model Investigation,
ARMY ENGINEER EXPLOSIVE EXCAVATION RESEARCH LAB., LIVERMORE, CALIF. Project Days July Explosive Exception in	Harbor, Indiana. Hydraulic Model Investiga- tion, W74-05706 7-11 8B	W74-05039 7-10 8B Mixing of Salinity-Stratified Water by Pneu-
Project Drum Inlet: Explosive Excavation in	W /4-03/00 /-11 8B	matic Barriers. Report I: Preliminary Investiga-
Saturated Sand, W74-12014 7-23 8H	Design of Quadripod Cover Layers for Rubble- Mound Breakwaters. Hydraulic Laboratory In-	tions. Hydraulic Model Investigation, W74-05701 7-11 2L
ARMY ENGINEER TOPOGRAPHIC LABS.,	vestigation,	
FORT BELVOIR, VA. GEOGRAPHIC	W74-05709 7-11 8B	Spillway Water-Surface Profiles,
SCIENCES LAB.	Nivigation Improvements in Barnhart Island-	W74-07913 7-15 8B
Rainfall Intensities in the Conterminous United	Corwall Island Reach, St. Lawrence River:	Selective Withdrawal From Beech Fork Lake,
States and Hawaii (Supplement 1 to ETL-SR-	Hydraulic Model Investigation,	Beech Fork River, West Virginia,
72-5: Distribution of Mean Monthly Precipita- tion and Rainfall Intensities),	W74-05712 7-11 8B	W74-07914 7-15 8B
W74-11747 7-22 2B	The Computation of Tides and Currents in	Outlet Works Stilling Basins, Clinton and Fort
	Estuaries and Canals: Appendix A: A User's	Scott Dams, Wakarusa and Marmaton Rivers,
ARMY ENGINEER WATERWAYS	Manual,	Kansas,
EXPERIMENT STATION, LIVERMORE.	W74-06312 7-12 2L	W74-07930 7-15 8A

ARMY ENGINEER DISTRICT, WALLA

ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS, HYDRAULICS

Outlet Works, Warm Springs Dam, Dry Cree Russian River Basin, Sonoma County, Califo	EXPERIMENT STATION, VICKSBURG, MISS.	ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT CENTER, FORT
nia, W74-08584 7-16 8	Trotection of the Environment During Demon-	BELVOIR, VA. Treatment of Wastewaters From Military Field Laundry, Showers, and Kitchen Units,
Selective Withdrawal from Man-Made Lakes, W74-08585 7-16	tion Activities, W74-11208 7-21 5G	W74-09410 7-18 5D
	ADMY ENGINEEDS DISTRICT DETROIT	Separation and Recovery Systems, Inc., 100-
Galveston Bay Hurricane Surge Study: Repo 1. Effects of Proposed Barriers on Hurrica	MICH.	Gallon-Per-Minute Oil/Water Separator, W74-10248 7-19 5G
Surge HeightsAppendix A, Calibration Test W74-08586 7-16		Prototype Reverse Osmosis Water Purification
	W74-12395 7-23 4A	Unit,
Model Study of Trotters Shoals Spillway, W74-09204 7-17	B ARMY ENGINEERS DISTRICT, KANSAS CITY,	W74-11988 7-22 3A
	MO.	ARMY MOBILITY EQUIPMENT RESEARCH
Hulah Dam Emergency Bulkhead Prototy Closure Tests,	River, Missouri, Appendix C. (Final Environ-	AND DEVELOPMENT CENTER, FORT BELVOIR, VA. FUELS HANDLING
W74-09205 7-17	mental Statement).	EQUIPMENT DIV. RPC Division, Midland-Ross Corp. 10-Gallon-
Energy Dissipator For Santa Paula Cree		Per-Minute Liquid/Liquid Separator,
Santa Clara River, California; Hydraulic Mod Investigation,	ARMI ENGINEERS DISTRICT, NORFOLK,	W74-12009 7-23 5G
W74-10314 7-19	B VA. Flood Plain Information: Oldtown Creek and	ARMY RESEARCH OFFICE, ARLINGTON, VA. LIFE SCIENCES DIV.
Lock and Dam No. 8, Arkansas River Navig		U.S. Army Environmental Quality Research
tion Project; Hydraulic Model Investigation, W74-10315 7-19	W74-12394 7-23 4A	and Development Programs,
	ARMY ENGINNER WATERWAYS	W74-10779 7-20 5G
Outlet Works For Site 16, Papillion Creek a Tributaries, Nebraska; Hydraulic Model	n- HYDRAULICS LAB.	ARMY TROPIC TEST CENTER, APO NEW YORK 09827.
vestigation, W74-10316 7-19	Navigation Conditions at Confluence of Arkan-	Evaporimetry in the Canal Zone: Part II, Com-
Grays Harbor Estuary, Washington; Report	W74-00539 7-01 8R	parison of Various Types of Evaporimeters on an Hourly Basis,
Verification And Base Tests. Appendix A: Si		W74-11740 7-22 2D
plementary Base Test Data; Hydraulic Mo-	PROVING GROUND, MD.	ARMY WAR COLL., CARLISLE BARRACKS,
Investigation, W74-10317 7-19	B Improved Waste Disposal Unit, W74-01284 7-03 5D	PA. New Laws: Clean Waters in the Next Decade,
Concrete Armor Units for Protection Again	st ADMINISTRATION OF THE STATE	W74-08542 7-16 5G
Wave Attack, Report of AD HOC Commit		ARMY WAR COLL., PA. CARLISLE
on Artificial Armor Units for Coastal Strutures.	PROVING GROUND, MD.	BARRACKS, PA. The Challenge of Military Nuclear Construc-
W74-11209 7-21	F Protection of the Public Health, W74-11849 7-22 5D	tion,
Energy Dissipator for Santa Paula Creek, San	ta	W74-06859 7-13 8H
Clara River, California, Hydraulic Model vestigation,	n- ARMY MEDICAL ENVIRONMENTAL ENGINEERING RESEARCH UNIT,	ASHKHABADSKII INSTITUT EPIDEMIOLOGII
W74-11210 7-21		I GIGIENY (USSR). Ecology of Anopheles (M.) pulcherrimus
Lock and Dam No. 8, Arkansas River Navi	Problem Definition Study: Evaluation of Health and Hygiene Effects of the Disposal of	Theob. in Irrigated Deserts, (In Russian), W74-10406 7-20 5G
tion Project, Hydraulic Model Investigation,	Pesticides and Pesticide containers.	
W74-11211 7-21	W74-00580 7-02 5G	ASIAN INST. OF TECH., BANGKOK(THAILAND).
Spillway Crest Design, W74-11757 7-22	Evaluation of Existing Field Test Kits for	Equilibrium Shapes of Coastline in Plan,
	Determining Free Chlorine Residuals in Aque-	W74-03105 7-06 2J
Spillway for Lock and Dam 26, Mississi River, Missouri and Illinois,	pi ous Solutions, W74-06162 7-12 5A	Groundwater Recharge for Waste Water Recla-
W74-11990 7-22	B ARMY MEDICAL RESEARCH AND	mation and/or Storage of Supplies: A Cost Comparison with Conventional Methods,
ARMY ENGINEER WATERWAYS	ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND, WASHINGTON,	W74-03825 7-08 5D
EXPERIMENT STATION, VICKSBURG, MISS		ASIAN INST. OF TECH., BANGKOK
SOILS AND PAVEMENTS LAB. Investigation of Relief Wells, Mississippi Ri	BRANCH. er Health Aspects of Land Application of Waste-	(THAILAND). DEPT. OF ENVIRONMENTAL ENGINEERING.
Levees, Alton to Gale, Illinois,	water at Military Installations,	A Systems Approach to Assessment of Rural
W74-01942 7-04	B W74-09426 7-18 5D	Water Supply Program Effectiveness, W74-08012 7-15 6B
Practices and Problems in the Confinement Dredged Material in Corps of Engineers P	ARMI MUDICAL RUSUARCH AND	
jects,	NUTRITION LAB., DENVER, COLO. Influence of Dietary and Injected Selenium on	ASPEN SYSTEMS CORP., COLO. Environmental Law Information System,
W74-10665 7-20	Whole-Body Retention, Route of Excretion,	W74-03049 7-06 10B
Detection of Subsurface Cavities,	and Tissue Retention of 75SeO3 () in the Rat,	ASSOCIATED WATER AND AIR RESOURCES
W74-11756 7-22	B W74-07708 7-15 5C	ENGINEERS, INC., NASHVILLE, TENN.
Seepage in Mississippi River Banks: Report		Studies on Uptake and Loss of Methylmercury- 203 by Bluegills (Lepomis macrochirus Raf.),
Analysis of Transient Seepage Using	a INFECTIOUS DISEASES, FREDERICK, MD.	W74-03839 7-08 5C

INFECTIOUS DISEASES, FREDERICK, MD.
Oysters: Retention and Excretion of Three Types of Human Waterborne Disease Bacteria, W74-06167 7-12 5C

Hot Problem Solved by Aerated Lagoon,

7-10 5D

W74-05280

W74-11989

Analysis of Transient Seepage Using a Viscous-Flow Model and the Finite Difference

7-22 4A

and Finite Element Methods,

ORGANIZATIONAL INDEX ATOMICS INTERNATIONAL, CANOGA PARK, CALIF. HEALTH, SAFETY AND RADIATION

Handbook for Monitoring Industrial Waste-	ATLAS CHEMICAL INDUSTRIES, INC.,	ATOMIC ENERGY COMMISSION,
water.	WILMINGTON, DEL. (ASSIGNEE)	WASHINGTON, D.C. (ASSIGNEE)
W74-05862 7-11 5A	Granular to Powdered Activated Carbon in Pol-	Apparatus for Removing Oil and Other Floating
ASTON UNIV., IN BIRMINGHAM (ENGLAND). DEPT. OF BIOLOGICAL SCIENCES.	luted Water Purification Process, W74-03019 7-06 5D	Contaminants from a Moving Body of Water, W74-05881 7-11 5G
Toxicity of Synthetic Detergents to Fish and	ATMOSPHERIC ENVIRONMENT SERVICE,	Method for Drying Sludge and Incinerating
Aquatic Invertebrates,	DOWNSVIEW (ONTARIO).	Odor Bodies,
W74-13087 7-24 5C	Surface Temperatures of Lake Erie,	W74-08915 7-17 5D
ATHENS COLL., ALA. DEPT. OF BIOLOGY.	W74-07415 7-14 2H	Maked for the Diseased of Combustible and
Response of Aquatic Weeds to Laser Radia-		Method for the Disposal of Combustible and
tion,	A Processing System for Fischer and Porter	Dilute Aqueous Wastes, W74-12805 7-24 5D
W74-07475 7-14 5G	Precipitation Gauge Data,	W 74-12003
ATT ANTIC OCEANOCRAPHIC AND	W74-12977 7-24 7C	ATOMIC ENERGY COMMISSION,
ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LAB., MIAMI, FLA.	One-Day Extreme Rainfall Statistics for the	WASHINGTON, D.C. OFFICE OF
PHYSICAL OCEANOGRAPHY LAB.	Prairie Provinces,	REGULATION.
An Oceanographic Observation of New York	W74-13000 7-24 2B	Technical Basis for Interim Regional Tornado
Bight from ERTS-1,		Criteria, W74-10433 7-20 2B
W74-09589 7-18 5B	ATMOSPHERIC ENVIRONMENT SERVICE,	W 74-10455
ATLANTIC OCEANOGRAPHIC AND	TORONTO (ONTARIO).	ATOMIC ENERGY OF CANADA LTD., CHALK
METEOROLOGICAL LABS., MIAMI, FLA.	Processing and Storage of Hydrometeorological	RIVER (ONTARIO). CHALK RIVER NUCLEAR
A Time Series from the Beach Environment,	Data in the Atmospheric Environment Service,	LABS.
W74-00017 7-01 2J	W74-01290 7-03 7C	The Fate of Cobalt-60 in a Natural Freshwater
	ATMOSPHERIC ENVIRONMENT SERVICE,	Ecosystem, W74-05203 7-10 5C
ATLANTIC RESEARCH CORP., ALEXANDRIA, VA.	VANCOUVER, (BRITISH COLUMBIA).	1-10 3C
Rapid Determination of the Presence of Enteric	Mean Precipitation and Snowfall Maps for a	Aquatic Vegetation of the Ottowa River Near
Bacteria in Water,	Mountainous Area of Potential Urban Develop-	Chalk River Nuclear Laboratories (CRNL),
W74-10449 7-20 5A	ment,	W74-06819 7-13 5C
	W74-09612 7-18 2C	Retention of Radionuclides Deposited in the
ATLANTIC RICHFIELD CO., DALLAS, TEX.	ATMOSPHERIC RESEARCH CROUP	Chalk River Nuclear Laboratories Waste
The Interpretation of Interference Tests in Naturally Fractured Reservoirs with Uniform	ATMOSPHERIC RESEARCH GROUP,	Management Areas,
Fracture Distribution.	ALTADENA, CALIF. Investigations of Marine Processes and Coastal	W74-10118 7-19 5B
W74-05086 7-10 8G	Landforms Near Crescent City, California.	
	Volume I. Technical Discussion,	ATOMIC ENERGY OF CANADA LTD., CHALK
Selection, Handling, and Protection of	W74-02697 7-06 2E	RIVER (ONTARIO). ENVIRONMENTAL RESEARCH BRANCH.
Downhole Materials: A Practical Approach, W74-05102 7-10 8G		Seasonal Abundance and Vertical Distribution
W 74-05102 7-10 8G	The Effects of Wind and Precipitation on the	of Crustacean Zooplankton in a Coloured
North Slope - Construction Criteria for Roads	Modification of South Beach, Crescent City,	Dystrophic Lake in Northeastern Ontario,
and Facilities,	California Including an Appendix on the Focus-	W74-07467 7-14 5C
W74-05104 7-10 4A	ing of Tsunami Energy at Crescent City, W74-04212 7-08 2E	ATOMIC ENERGY OF CANADA LTD
ATLANTIC RICHFIELD HANFORD CO.,	W/4-04212 /-00 2E	ATOMIC ENERGY OF CANADA LTD., PINAWA (MANITOBA). WHITESHELL
RICHLAND, WASH.	ATMOSPHERIC SCIENCES LAB., WHITE	NUCLEAR RESEARCH ESTABLISHMENT.
241-T-106 Tank Leak Investigation.	SANDS MISSILE RANGE, N. MEX.	Occurrence, Radioactivity, and Diversity, of
W74-06861 7-13 5B	Fog Clearing Using Helicopter Downdrafts: A	Winnipeg River Benthic Organisms in the
Soil Moisture Transport in Arid Site Vadose	Numerical Model,	Vicinity of Whiteshell Nuclear Research
Zones,	W74-12081 7-23 3B	Establishment,
W74-07780 7-15 2G	ATMOSPHERICS, INC., FRESNO, CALIF.	W74-05418 7-11 5C
ATT ANTIC DICHEIPI D HANGODD CO	ICE Project-Ice Crystal Inhibition-An Applica-	Effects of Chrome Radiation Exposure On
ATLANTIC RICHFIELD HANFORD CO., RICHLAND, WASH. CHEMICAL PROCESSING	tions Program of Chemical Dispersal in Small	Mosquitoes (Diptera: Culicidae). 1. Effects of
DIV.	Cumulus Clouds,	Rearing in Sr-90 + Y-90 Solutions,
The Endothermic Process-Application to Im-	W74-13212 7-24 3B	W74-07821 7-15 5C
mobilization of Hanford In-Tank Solidified		Habitats of Small Mammals at Whiteshell
Waste,	ATOMIC ENERGY COMMISSION, BETHESDA,	Nuclear Research Establishment,
W74-08968 7-17 5D	MD.	W74-13137 7-24 5C
ATLANTIC RICHFIELD HANFORD CO.,	Improved Control of Radioactive Wastes,	
RICHLAND, WASH. ENGINEERING DEPT.	W74-08255 7-16 5D	ATOMIC ENERGY RESEARCH
Investigation and Evaluation of 102-BX Tank	ATOMIC ENERGY COMMISSION	ESTABLISHMENT, HARWELL (ENGLAND).
Leak,	WASHINGTON, D.C.	Ultrasonic River Flow Measurement, W74-02250 7-05 2E
W74-09877 7-19 5B	The Environmental and Regulatory Aspects of	W74-02250 7-05 2E
ATLANTIC RICHFIELD HANFORD CO.,	the Breeder Reactor,	Radioactive Fallout in Air and Rain: Results to
RICHLAND, WASH. MANUFACTURING AND	W74-04238 7-08 5B	the Middle of 1973,
WASTE MANAGEMENT DIV.	Additional High Level Waste FacilitiesSavan-	W74-09876 7-19 5B
Determination of Tritium in Waste Processing	nah River Plant, Aiken, South Carolina, (Draft	Tritium Water Tracing,
Effluents by Distillation and Liquid Scintilla-	Environmental Statement).	W74-10615 7-20 5B
tion Emulsion Counting, W74-13134 7-24 5A	W74-09873 7-19 5C	
1-24 3A		ATOMICS INTERNATIONAL, CANOGA PARK,
ATLANTIC RICHFIELD HANFORD CO.,	Management of Solid Radioactive Wastes,	CALIF. HEALTH, SAFETY AND RADIATION
RICHLAND, WASH. RESEARCH DEPT.	W74-09874 7-19 5D	SERVICES DEPT.
Nuclear Reactivity Evaluations of 216-Z-9 En- closed Trench.	Heavy WaterIncrease in Price.	Environmental Monitoring. Annual Report, 1972, (Atomics International),
W74-08966 7-17 5A	W74-10078 7-19 6E	W74-05177 7-10 5B
		. 10 00

ATOMIZDAT, MOSCOW (USSR).

ATOMIZDAT, MOSCOW (USSR). Uranium-234,	Simulation of Post-Irrigation Moisture Move- ment,	The Impact of Water Pollution Abatement on Competition and Pacing in the Alabama Paper
W74-07790 7-15 5B	W74-06335 7-12 2G	Industry, W74-03752 7-08 5D
Radiobiology and Radioecology of Farm	Study of Water Quality Prediction Models for	
Animals. W74-09828 7-19 5C	Use in Alabama, W74-10237 7-19 5B	The Economic Benefits of Abating Water Pol- lution in the Steel, Textile, and Paper Indus-
AUBURN UNIV., ALA.	AUBURN UNIV., ALA. DEPT. OF ECONOMICS.	tries in Alabama,
Research Findings and the Design Engineer,	Concepts of Externalities and Social Costs,	W74-03753 7-08 5D
W74-00201 7-01 10A	W74-03908 7-08 6B	Social Accounting Approaches to Water
Some Biological Aspects of Channel Catfish	Opportunity Costs and Water Resource Use,	Resource Use in Economic Development. W74-03907 7-08 6B
Virus Disease, W74-00231 7-01 5C	W74-03909 7-08 6B	7-05 00
	The Economic Impact of the Ban on Commer-	Ninth Annual Report, Fiscal Year 1973,.
On the Mechanism of Water-Stress-Induced Stem Deformation,	cial Fishing on Lake Pickwick,	W74-08232 7-16 9D
W74-10796 7-20 3F	W74-03910 7-08 6B	AUBURN UNIV., MONTGOMERY, ALA. DEPT.
AUBURN UNIV., ALA. CENTER FOR URBAN	Residual Information Model with Application	OF BIOLOGY. Food Consumption of the Free-Living Aquatic
AND REGIONAL PLANNING.	to Heat from Thermal Power Plants,	Nematode Pelodera Chitwoodi,
Trends in Environmental Law Related to Water Resources Planning,	W74-03911 7-08 5B	W74-01225 7-03 5A
W74-00552 7-02 6E	Regional Interdependencies and External Dis-	AUCKLAND UNIV. (NEW ZEALAND).
AUBURN UNIV., ALA. CHARLES RICHARD	economies,	Simulation of Rainfall Sequences,
SAUNDERS CHEMICAL LAB.	W74-03912 7-08 6B	W74-13013 7-24 2B
Determination of Griseofulvin by Time-	AUBURN UNIV., ALA. DEPT. OF FISHERIES	AUCKLAND UNIV. (NEW ZEALAND). DEPT.
Resolved Phosphorimetry, W74-01224 7-03 5A	AND ALLIED AQUACULTURES. The Chemical Oxygen Demand of Waters and	OF CHEMISTRY.
	Biological Materials from Ponds,	The Absorption of Low Concentrations of
AUBURN UNIV., ALA. DEPT. OF AGRICULTURAL ENGINEERING.	W74-01543 7-03 5C	Sulphur Dioxide into Aqueous Solutions, W74-12311 7-23 5B
Soil Crusting Related to Sprinkler Intensity,	Isoglaridacris agminis sp. n. (Cestoda:	
W74-04560 7-09 3F	Caryophyllaeidae) from the Lake Chubsucker,	The Solubility of Very Low Concentrations of Carbon Monoxide in Aqueous Solution,
An Irrigation Scheduling Model Which Incor-	Erimyzon sucetta (Lacepede), W74-03097 7-06 2I	W74-12316 7-23 5B
porates Rainfall Predictions, W74-07440 7-14 3F	W /4-0309/ /-06 21	ANOUT AND UNITE (AND TO AT AND) DODG
	AUBURN UNIV., ALA. DEPT. OF TEXTILE	AUCKLAND UNIV., (NEW ZEALAND). DEPT. OF CIVIL ENGINEERING.
Soil Moisture Profile Under Steady Infiltration, W74-08273 7-16 2G	ENGINEERING. Conservation of Water and Reduction of Pollu-	Hydraulics of Culvert Outlets,
W /4-082/3 /-16 2G	tion by Use of Solvent Systems for Coloring	W74-07749 7-15 8B
Soil Crusting Related to Sprinkler Intensity, W74-08844 7-17 3F	Textile Materials: An Economic Outlook,	AUCKLAND UNIV. (NEW ZEALAND). SCHOOL
W74-08844 7-17 3F	W74-05535 7-11 3E	OF ENGINEERING.
AUBURN UNIV., ALA. DEPT. OF ANIMAL AND	AUBURN UNIV., ALA. DEPT. OF ZOOLOGY-	Simulation of Water Quality in Tarawera River,
DAIRY SCIENCE. Water Pollution by Dairy Farm Wastes as Re-	ENTOMOLOGY. Some Influences of Aquatic Vegetation on the	W74-08308 7-16 5B
lated to Method of Waste Disposal,	Species and Number of Culicidae (Diptera) in	AUSSENINSTITUT FUER MOORFORSCHUNG
W74-01651 7-04 5B	Small Pools of Water,	UND ANGEWANDTE BODENKUNDE, BREMEN (WEST GERMANY).
AUBURN UNIV., ALA. DEPT. OF BOTANY AND	W74-01609 7-03 2I	The Role of Moors in Groundwater Recharge
MICROBIOLOGY. Water Relations and Growth of Cotton in Dry-	AUBURN UNIV., ALA. INTERNATIONAL	(Die Rolle der Moore bei der Grundwasserneu-
ing Soil,	CENTER FOR AQUACULTURE.	bildung), W74-04251 7-08 2F
W74-08272 7-16 2G	Aquacultural Developments in Peru, W74-06353 7-12 3F	
AUBURN UNIV. ALA. DEPT. OF CHEMISTRY.		AUSTIN CO., ROSELLE, N.J. CIVIL - STRUCTURAL DEPT.
Nature and Stability of Complex Mercury Compounds in Surface and Ground Waters,	AUBURN UNIV., ALA., SCHOOL OF BUSINESS.	Storm Drainage Systems Design Made Adapta-
W74-02441 7-05 5A	Industry Variance of Consumer Prices and	ble for Computers,
The Photosensitizing Action of Carcinogens. I.	Competition as a Consequence of Water Pollu-	W74-10916 7-21 4A
The Action of 2-Naphthylamine on Escherichia	tion Abatement, W74-05640 7-11 5D	AUSTRALIAN ATOMIC ENERGY
Coli K-12 and Paramecium Caudatum,		COMMISSION RESEARCH ESTABLISHMENT,
W74-08095 7-15 5C	AUBURN UNIV., ALA. WATER RESOURCES RESEARCH INST.	LUCAS HEIGHTS. A Solvent-Extraction Method for the Deter-
AUBURN UNIV., ALA. DEPT. OF CIVIL	A Fundamental Comparison of the Utility of	mination of Manganese-54 in Sea Water,
ENGINEERING. Filtrability of Water-Treatment-Plant Sludge,	Trichloroethylene and Perchloroethylene in the	W74-03886 7-08 5A
W74-00387 7-01 5F	Application of Disperse Dyes to Polyester, W74-00433 7-01 3E	A Study of the Movement of Phosphorous in
Water-Treatment-Sludge Filtration Studies,		the Little River Estuary, N.S.W.,
W74-02440 7-05 5D	The Impact of Water Pollution Abatement on Competition and Pricing in the Alabama Textile	W74-07483 7-14 5B
Color Removal from Textile Dye Waste by	Industry,	Cation-Exchange Removal of Copper from
Coagulation,	W74-01101 7-03 5G	Ammoniacal Aqueous Solution, W74-11027 7-21 5D
W74-04303 7-09 5D	The Impact of Water Pollution Abatement on	W74-11027 7-21 5D
Practical Simulation Models of the Subsurface	Competition and Pricing in the Alabama Steel	The Performance of Powdered Ion-Exchange
Hydrologic System with Example Applications, W74-04973 7-10 2F	Industry, W74-02437 7-05 5D	Resins, W74-11028 7-21 5D
. 10 41	. 00 00	7-11 30

Optimal Capital Accumulation in a Polluted En-	SYSTEMS DIV. (ASSIGNEE).	Urban Water ResourcesPolitics of Manage-
	Method and Apparatus for the Biological Treat-	ment,
vironment, W74-01840 7-04 5G	ment of Waste Water,	W74-05235 7-10 6E
	W74-04709 7-09 5D	BADEN WUERTTEMBERG HYDROLOGICAL
AUSTRALIAN NATIONAL UNIV., CANBERRA.	AVCO CORP., WILMINGTON, MASS. AVCO	SERVICE, KARLSRUHE (WEST GERMANY).
COMPUTER CENTRE.	SPACE SYSTEMS DIV.	The Measurement of Mean Temperature on a
On the Variance of the Stationary Probability	Water Reuse in Industry, Part 4 Metal Finish-	Reaction Velocity Basis and its Application to
Vector for a Finite Dam, W74-10574 7-20 8A	ing,	Hydrology,
W /4-103/4 /-20 6A	W74-00797 7-02 5D	W74-11539 7-22 7B
AUSTRALIAN NATIONAL UNIV., CANBERRA.		BARCER (W. I.) ACCOCIATES INC. ANN
DEPT. OF BIOGEOGRAPHY AND	The Spreading and Transport of Oil Slicks on	BADGER (W.L.) ASSOCIATES, INC., ANN ARBOR, MICH.
GEOMORPHOLOGY.	the Open Ocean in the Presence of Wind,	VTE Evaporators for Geothermal Brines,
Structure and Texture of a Gravelly Barrier	Waves, and Currents, W74-05919 7-11 5B	W74-11829 7-22 3A
Island in the Fitzroy Estuary, Western Aus-	W/4-03919 /-11 3B	17-11025 1-22 JA
tralia, and the Role of Mangroves in the Shore	AVCO SYSTEMS DIV., WILMINGTON, MASS.	BAGHDAD UNIV. (IRAQ). COLL. OF
Dynamics,	Economic Optimization of the Avco Crystal-	AGRICULTURE.
W74-03351 7-07 2L	lization Process,	The Transpiration of Corn,
ATICTE AT TANK NATIONAL SINING CANEEDDA	W74-08337 7-16 3A	W74-00467 7-01 2D
AUSTRALIAN NATIONAL UNIV., CANBERRA. DEPT. OF FORESTRY.	AWT SVETEMS INC. WII MINCTON DEL	Effect of Soil Salinity on the Rate of Evapora-
Concepts in Vegetation/Soil System Dynamics:	AWT SYSTEMS, INC., WILMINGTON, DEL. Process for Removal of Organic Contaminants	tion,
Post Steady-State,	From a Fluid Stream,	W74-12846 7-24 2G
W74-01739 7-04 2I	W74-10493 7-20 5D	
707 21	177-1075	BAHABA ATOMIC RESEARCH CENTRE,
AUSTRALIAN NATIONAL UNIV., CANBERRA.	AXEL HEIBERG EXPEDITION, MONTREAL	BOMBAY (INDIA). HEALTH PHYSICS DIV.
RESEARCH SCHOOL OF BIOLOGICAL	(QUEBEC).	Distribution of RA-226 in Soil and Water, W74-02057 7-04 5B
SCIENCES.	Velocity Fluctuations and Water Regime of	W /4-0205/ /-04 3B
Energy Flows in the Biosphere: The Impact of	Arctic Valley Glaciers,	Radioruthenium in Aquatic Environment of
Man,	W74-09338 7-18 2C	Trombay,
W74-07043 7-13 2B	AZOVO-CHERNOMORSKII	W74-02058 7-04 5B
ANOTHER ATTAIN NAMED OF STREET	SELSKOKHOZYAISTVENNYI INSTITUT,	
AUSTRALIAN NATIONAL UNIV., CANBERRA.	ROSTOVE-NA-DONU (USSR).	BAKER (MICHAEL), JR., INC., BEAVER, PA.
RESEARCH SCHOOL OF PHYSICAL SCIENCES.	Study of Soil Plasticity over a wide Range of	Analysis of Pollutior Control Costs, W74-08829 7-17 5G
On Solving the Unsaturated Flow Equation: 2.	Soil Moisture Contents,	W /4-00029 /-1/ 3G
Critique of Parlange's Method.	W74-01636 7-03 2G	BALFOUR-ITALIA, ROME (ITALY).
W74-04492 7-09 2G		Tertiary Methods of Waste Treatment,
17777752	AZOVSKII NAUCHNO-ISSLEDOVATELSKII	W74-12422 7-23 5D
AUSTRALIAN WATER RESOURCES	INSTITUT RYBNOGO KHOZYAISTVA,	
COUNCIL, CANBERRA.	ROSTOV-NA-DONU (USSR).	BAMAG VERFAHRENSTECHNIK G.M.B.H.,
Stream Gauging Information, AustraliaSup-	Effect of River Discharge Regulation on the Lower Don Phytoplankton, (In Russian),	BUTZBACH (WEST GERMANY). Deep-Bed Filtration,
plement 1971.	W74-00120 7-01 5C	W74-08784 7-17 5F
W74-00350 7-01 7C	177 00120	W 14-00104 1-17 31
W . B	Zoobenthos Resources and Productivity in the	BANARAS HINDU UNIV., VARANASI (INDIA).
Water Resources Newsletter, June 1973.	Gulf of Taganrog, (In Russian),	LAB. OF ALGAL PHYSIOLOGY.
W74-03774 7-08 4A	W74-00495 7-01 5C	Ascorbic Acid and Heterocyst Development in
Water Resources Technical Information Ser-	Zoobenthos of the Azov Sea After the Control	the Blue-Green Alga Anabaena Ambigua,
vices.	of THE Don River, (In Russian),	W74-05052 7-10 5C
W74-05739 7-11 10D	W74-01257 7-03 2L	BANGLADESH AGRICULTURAL UNIV.,
711 102	17-01257	MYMENSINGH. DEPT. OF AGRICULTURAL
AUTOMATED ENVIRONMENTAL SYSTEMS,	Combined Rearing of the Pike-Perch Lucioper-	MANAGEMENT.
INC., WOODBURY, N.Y.	ca lucioperca (L.) and Roach Rutilus rutilus	Studies on Biology of Mastacembelus Pancalus
The Colorimetric Front-End Sensors in Auto-	Heckeli (Nordm.) in Liman Fish Farms of	(Spiny Eel, Hamilton) in Artificial Ponds: I.
matic Surveillance of Water Quality,	Kuban, (In Russian),	Natural Habitat, Distribution, Food and Feed-
W74-11549 7-22 5A	W74-04923 7-10 8I	ing Habits, and Economic Importance,
ATTOMATION INDUSTRIES INC. OH UPD	B.C. RESEARCH LTD., VANCOUVER.	W74-13387 7-24 2H
AUTOMATION INDUSTRIES, INC., SILVER	Detoxification of Kraft Mill Effluents by Foam	BANNER (J.T.) AND ASSOCIATES, INC.,
SPRING, MD. VITRO LABS. DIV. State of the Art Report on Marine Sanitation	Separation,	BROOKINGS, S. DAK.
Devices,	W74-03084 7-06 5D	Potential Contribution of Desalting Systefs to
W74-10360 7-20 5D		Municipal Water Quality and Supply in South
W/4-10300 /-20 3B	Effects of Condensates on the Toxicity of	Dakota.
AUTOTROL CORP., MILWAUKEE, WIS.	Kraft Pulp Mill Effluents,	W74-08064 7-15 3A
Treatment of Wastewater,	W74-04521 7-09 5D	BAR-ILAN UNIV., RAMAT GAN (ISRAEL).
W74-12445 7-23 5D	B.H.P. CO. LTD., PORT WARATAH	DEPT. OF LIFE SCIENCES.
	(AUSTRALIA).	The Effect of Thyroxine and Triiodothyronine
AUTOTROL CORP., MILWAUKEE, WIS. BIO-	A New Direction for Urban Investment and	on Bacterial Growth,
SYSTEMS DIV.	Pricing Decisions,	W74-04891 7-10 5A
Combined Sewer Overflow Treatment by the	W74-11697 7-22 6B	
Rotating Biological Contactor Process.	DOG W GU COOK I ED DA GINGGEOVE	BARI UNIV. (ITALY). INST. OF ANALYTICAL
W74-07374 7-14 5D	B.O.C.M. SILCOCK LTD., BASINGSTOKE	CHEMISTRY.
Evaluation of a Rotating Disk Wastewater	(ENGLAND). The Need for Intensification in Animal Produc-	Influence of Heating Rate on Analytical Response in Flameless Atomic Absorption
Treatment Plant,	tion and the Consequent Pollution Problem,	Spectrometry,
W74-08869 7-17 5D	W74-02092 7-04 5B	W74-00278 7-01 5A

BARI UNIV. (ITALY), INST. OF BOTANY. BARI UNIV. (ITALY). INST. OF BOTANY. Specific Ion Mass Spectrometric Detection for BATTELLE-PACIFIC NORTHWEST LAB., Research on Red Algal Pigments. 5. The Effect Gas Chromatographic Pesticide Analysis, RICHLAND, WASH. NUCLEAR WASTE W74-08943 TECHNOLOGY DEPT. of the Intensity of White and Green Light on Quarterly Progress Report Studies on Managethe Rate of Photosynthesis and its Relationship Development of Predictions of Future Pollution to Pigment Components in Gracilaria Compresment of Selected Wastes - January Through Problems, March 1974. sa (C. AG.) Grev. (Rhodophyceae, Gigar-7-17 5B W74-08946 W74-13106 tinales). 7-10 SC W74-05300 Trace Metals in Effluents from Metallurgical Decontamination and Densification of Chop-Operations, Leach Cladding Residues, BARI UNIV. (ITALY). INSTITUTO DI W74-09212 7-17 5D W74-13107 7-24 5D AGRONOMIA. Peeled Tomato Yield as Affected by the Water Quality Criteria Data Book - Vol. 5 - Ef-Waste Treatment and Handling Processes, Seasonal Water Volume in Function of the fects of Chemicals on Aquatic Life, W74-13108 7-24 5D Watering Frequency, (In Italian), W74-10541 7-20 5C W74-01897 7-04 3F Tritium Separation and Fixation. Slow-Release Pesticide System: Polymers of Lactic and Glycolic Acids as Ecologically W74-13109 7-24 5D BARR ENGINEERING CO., MINNEAPOLIS, Beneficial, Cost-Effective Encapsulating MINN. Quarterly Progress Report - Research and Bassett Creek Watershed Model, Materials. Development Activities, Waste Fixation Program, January Through March 1974. W74-12285 7-23 2A W74-13445 7-24 5G BATTELLE COLUMBUS LABS., OHIO. W74-13132 7-24 5D BARRACUDAVERKEN A.B., GAMLEBY HEALTH PHYSICS SERVICES. (SWEDEN). (ASSIGNEE). BATTELLE-PACIFIC NORTHWEST LAR. Environmental Report for Calendar Year 1972 Floating Boom Structures, RICHLAND, WASH. OCCUPATIONAL AND on Radiological and Non-Radiological Parame-W74-02036 7-04 5G ters, (Battelle Columbus Laboratories, Ohio). ENVIRONMENTAL SAFETY DEPT. BARTHOLOMEW (HARLAND) AND W74-09844 Environmental Surveillance at Hanford for CY-1973, ASSOCIATES, ST. LOUIS, MO. BATTELLE-INSTITUE E.V., FRANKFURT AM W74-12044 7-23 5B Technical and Economic Evaluation of Existing MAIN (WEST GERMANY). Wastewater Treatment Facilities and Alterna-Investigation of Volatile Organic Micropollu-BATTELLE-PACIFIC NORTHWEST LABS., tive Methods of Disposal of Treated Effluent, tants in Air and Water Using Low-Temperature RICHLAND WASH. Houston, Missouri. Capillary GC-MS, Toxicity of Power Plant Chemicals to Aquatic W74-02125 7-04 5D W74-11863 Life. BASF-WYANDOTTE CHEMICAL CORP., W74-01732 7-04 SC BATTELLE-MEMORIAL INST., COLUMBUS, MICH. OHIO. Ground Disposal of Reactor Coolant Effluent, Phosphorus and Carbon in Lake Pollution, Measuring Impacts of Water Resource W74-02013 W74-08775 7-17 5C Developments on the Human Environment, W74-05338 7-10 6G A Mathematical Model for Optimum Design BATH UNIV. (ENGLAND). and Control of Metropolitan Wastewater Ecological Implications of Heavy Metal in Fish BATTELLE PACIFIC NORTHWEST LAB., Management Systems, from the Severn Estuary, RICHLAND, WASH. W74-03468 Predicting the Effects of Nutrient Diversion on 7-21 5C W74-11325 Lake Recovery, Delayed Recovery of a Mesotrophic Lake BATH UNIV. (ENGLAND); AND SOUTH W74-06576 After Nutrient Diversion, WESTERN INDUSTRIAL RESEARCH LTD., W74-03560 7-07 SC BATH (ENGLAND). 55Fe Concentration and Specific Activities in North Pacific Marine Organisms, A Calibration of Instruments with Non-Ran-Treatment of Hazardous Material Spills with 7-18 5C W74-09733 dom Errors, Floating Mass Transfer Media, W74-06026 7-12 7B W74-04043 BATTELLE-PACIFIC NORTHWEST LAB., RICHLAND, WASH. BIOLOGY DEPT. BATH UNIV. (ENGLAND). SCHOOL OF One-Dimensional Model of the Movement of Food Chains in Fresh Water, BIOLOGICAL SCIENCES. Trace Radioactive Solute Through Soil W74-12050 7-23 5C The Microbial Associations Developing on Ex-Columns: The Percol Model, perimental Trickling Filters Irrigated with BATTELLE-PACIFIC NORTHWEST LAB., W74-04444 Domestic Sewage, RICHLAND, WASH. DEPT. OF WATER AND W74-02987 7-06 5A Environmental Surveillance for Fuel Fabrica-LAND RESOURCES. Calculation of Soil Hydraulic Conductivity tion Plants **BATON ROUGE CITY-PARISH PLANNING** from Soil-Water Retention Relationships, W74-04451 7-09 5B COMMISSION, LA. W74-09599 Comprehensive Plan for Baton Rouge. Radiological Status of the Groundwater 7-01 3D Beneath the Hanford Project, July-December W74-00453 BATTELLE-PACIFIC NORTHWEST LAB., RICHLAND, WASH. ENVIRONMENTAL AND 1972, BATTELLE COLUMBUS LAB., OHIO. LIFE SCIENCES DIV. W74-04452 7-09 SR Urban Public Policy and Political Institutions Analysis of Natural Systems. for Water Quality Management on Lake Erie: W74-09234 7-17 5C Radiological Evaluations for Advanced Waste Year Two. Management Studies, Environmental Chemistry, W74-09653 7-18 5G W74-05176 7-10 5B W74-09235 7-17 5B BATTELLE COLUMBUS LABS., OHIO. Tomorrow's Environmental Benefit-Cost Anal-Freshwater Ecology, Water-Pollution Control in the Primary Nonferysis, W74-09236 7-17 5C rous-Metals Industry -- Volume I. Copper, W74-06115 7-12 6G Zinc, and Lead Industries. Marine Sciences. The Technology of Tritium Fixation and W74-05116 W74-09237 7-17 5C Storage, Water-Pollution Control in the Primary Nonfer-W74-07789 Radiological Sciences. rous-Metals Industry -- Volume II. Aluminum. W74-09238 7-17 5C

Terrestrial Ecology,

W74-09239

Numerical Computation of Momentum Jets and

7-17 RR

Forced Plumes,

W74-08782

7-17 SC

Tungsten,

W74-05117

Mercury, Gold, Silver, Molybdenum, and

7-10 SD

BATTELLE-PACIFIC NORTHWEST LABS., RICHLAND, WASH. MATHEMATICS DEPT.

System,

The Transmissivity Iterative Programs on the

PDP-9 Computer - A Man-Machine Interactive

Detection Systems for the Low Level

Radiochemical Analysis of Iodine-131, Iodine-

129 and Natural Iodine in Environmental Sam-

W74-08198

7-08 5B

W74-04192

ples, W74-08885

BECHTEL POWER CORP., GAITHERSBURG, MD.

An Experimental Irradiation Facility for the

BAYERISCHE LANDESANTALT FUER

PFLANZEN SCHUTZ, MUNICH (WEST

BODENKULTUR UND PFLAZENBAU, UND

		W74-09825	7-19	2F	Sterilization of Sewage Sludge,		
Comparison of Ge(Li) and Anticor	_	BATTELLE-PACIFIC NORTHWEST	LABS		W74-13442	7-24	5D
Systems for Measurements of Environ	mental	RICHLAND, WASH. NUCLEAR WA			BAYERISCHER GEWAESSERKUND	EDIEN	e T
Samples,	7 5A	TECHNOLOGY DEPT.			STAATLICH BYAERISCHE, MUNIC		
W74-08887 7-1	/ JA	Quarterly Progress Report R			GERMANY).	H (WES	••
Vascular Plants of Waste Storage Sites	in the	Development Activities Waste I		Pro-	The Intense Evaluation of Dischar	re Meas	sure-
200 Areas of the Hanford Reservation,		gram October Through December			ments by the Equations of th		
	17 21	W74-08965	7-17	5D	Velocity Distribution Law,	· Om	or our
		Overview of High-Level Radios	active W	aste	W74-11567	7-22	2E
Models and Computer Codes for Eval	luating	Management Studies.					
Environmental Radiation Doses,		W74-10124	7-19	5D	BAYERISCHER GEWAESSERKUNI		
W74-09824 7-1	9 5B				STAATLICH, MUNICH, (WEST GEI		
Failure of 307 Basin Transfer Line		BATTELLE-PACIFIC NORTHWEST			Experiences with Photometric Tu	rbidity I	Mea-
	e and	RICHLAND, WASH. OCCUPATION ENVIRONMENTAL SAFETY DEPT			surements,	7-22	TD
Resultant Ground Contamination, W74-10127 7-1	9 5B	Environmental Monitoring at		rific	W74-11540	1-22	/B
W /4-1012/	9 30	Northwest Laboratory by Battelle			BAYLOR COLL. OF MEDICINE, HO	DUSTON	١.
Airborne Measurements of the Size Di	stribu-	W74-11956	7-22		TEX. DEPT. OF VIROLOGY AND		
tion and the Condensation and Ice Nuc					EPIDEMIOLOGY.		
Ability of Particles Produced by AgI C	_	BATTELLE-PACIFIC NORTHWES'			Virus Concentration from Sewage,		
ing Pyrotechnics and Acetone Solution		RICHLAND, WASH. WATER AND	LAND		W74-01533	7-03	5D
ners,	,	RESOURCE DEPT.					
	9 3B	Percol User's Manual, W74-10123	7-19	CD	Concentration of Enteroviruses	from L	arge
		W /4-10123	1-19	JB	Volumes of Water,		
Missouri River Hydrology (Streamflo	w and	BATTELLE-PACIFIC NORTHWES	T LABS.,		W74-02271	7-05	5F
Temperature)Sioux City, Iowa to	Rulo,	RICHLAND, WASH. WATER AND	LAND		BEAK CONSULTANTS LTD., TORO	NTO	
Nebraska,		RESOURCES DEPT.			(ONTARIO).	MIG	
W74-10659 7-2	20 2E	Information Storage and Retrieva		for	A Review of the Biochemical Oxy	gen Der	mand
Pffeets of Asset Cold Shock on the C	h1	Well Hydrograph Data User's Mar			(BOD-5) Test.	gen Dei	nana
Effects of Acute Cold Shock on the C	hannel	W74-10442	7-20	4B	W74-12947	7-24	5A
Catfish, Ictalurus Punctatus,		BATTELLE-PACIFIC NORTHWES	T LARS		***************************************		346
W74-10785 7-2	20 5C	TEHERAN (IRAN).			BEAK (T. W.) CONSULTANTS LTD.	-9	
The Phosphorus Status of Eutrophic	Lake	Economic Feasibility of an Integ	rated Cot	ton-	MONTREAL (QUEBEC).		
Sediments as Related to Changes in Lim		wood Plantation Utilizing a No			Review of Rapid BOD Test Method	ds,	
cal ConditionsTotal, Inorganic and C	_	Reactor,			W74-03557	7-07	5A
Phosphorus,	n game	W74-00771	7-02	3C			
	21 5C	BALLED PACINEEDING INC. CHI	CACO II		A Review of Colour Reduction T	echnolog	gy in
***************************************		BAUER ENGINEERING, INC., CHI Engineering and Economics of			Pulp and Paper Mill Effluents,	~	-
BATTELLE-PACIFIC NORTHWEST LAB	S.,	dling,	Siduge 1	ian-	W74-07406	/-14	5D
RICHLAND, WASH. ECOSYSTEMS DEPT		W74-05981	7-12	5D	BEAK (T.W.) CONSULTANTS LTD.	TORO	NTO
Cycling of Zinc-65 in a Simple Food Web	,	1111 03701			(ONTARIO).	,	
W74-05202 7-1	10 5C	Modes of Transporting and Apply			Biological Monitoring of the Frase	r River	Near
		W74-11837	7-22	5D	Prince George, B.C.,		
Modeling Radionuclides and Pesticides in	n Food	Large Wastewater Irrigation	n Syste	me.	W74-09463	7-18	5C
Chains,		Muskegon County, Michigan					
W74-07810 7-1	15 5B	Metropolitan Region,	and Can	ugo	BEARD (ARTHUR) ENGINEERING,	, INC.,	
Thermaluminessent Desimatry of Agus	in Or	W74-12891	7-24	5D	CHEVY CHASE, MD.		
Thermoluminescent Dosimetry of Aqua	uk Oi-				Chemical Addition to Trickling File		
ganisms, W74-07819 7-1	15 5C	Municipal Wastewater Disposal o	n the Lan	d as	W74-09710	7-18	5D
11,1-0/017	.5 50	an Alternate of Ocean Outfall,	7.26	CD	BEAVER COLL., GLENSIDE, PA.		
Helminths of Sockeye Salmon (Oncorh	ynchus	W74-12896	7-24	30	A Systematic Study of the Variat	bles Inc.	olucat
Nerka) from the Kvichak River System,	•	BAXTER AND WOODMAN, INC.,	CRYSTAL		in the Reverse-Phase Thin-Layer		
Bay, Alaska,		LAKE, ILL.			raphy of Oxyethylated Alkyl Su		-
W74-12719 7-:	23 5C	Household Wastewater Character			tants,	nate Su	mac-
		W74-08770	7-17	5B	W74-01358	7-03	5A
BATTELLE-PACIFIC NORTHWEST LAB		BAYCHEM CORP., KANSAS CITY	MO				
RICHLAND, WASH. ENVIRONMENTAL	AND	CHEMAGRO DIV.	,		BECHTEL CORP., SAN FRANCISC		
LIFE SCIENCES DIV.	Dancet	Determination of Residues of M	esurol and	d its	Annual Report - Vertical Tube		
Pacific Northwest Laboratory Annual for 1973 to the USAEC Division of Bior	-	Toxic Metabolites in Plant and An			Multistage Flash Test Bed Plan		port,
		W74-06128	7-12		Texas, March 19, 1971 to March 31		
and Environmental Research - Part 2, E	cologi-	BAUDDICOMP I AMBROANCE	PTIPE		W74-11807	7-22	3A
cal Sciences, W74-09233 7-	17 SC	BAYERISCHE LANDESANSTALT			Nutrient Loading from a Separate	Storm S	lewer
11.1.07233		BODENKULTER, PFLANZENBAU			in Madison, Wisconsin,	Otorin 3	-wel
BATTELLE-PACIFIC NORTHWEST LAB	S.,	PFLANZENSCHUTZ, MUNICH (W. GERMANY).	ESI		W74-11853	7.22	5B
RICHLAND, WASH. ENVIRONMENTAL		An Experimental Irradiation Fa	cility for	the	17-11023	1-66	313
EVALUATIONS SECTION.		Sterilization of Sewage Sludge			BECHTEL POWER CORP., GAITH	ERSBUR	RG,
Environmental Surveillance at Hanford f	or CY-	suchsbestrahlungsanlage Zur F			MD.		
1970,		Von Klaerschlamm),		-	Better Pump Installation,		

7-08 8C

W74-04154

7-16 5D

ORGANIZATIONAL INDEX BECHTEL POWER CORP., LOS ANGELES, CALIF. BECHTEL POWER CORP., LOS ANGELES, Flushing of Coastal Embayments by Changes Utilization of ERTS-1 Data to Monitor and in Atmospheric Conditions. Classify Eutrophication of Inland Lakes, CALIF. Water Well Design for Earthquake-Induced W74-05730 7-11 2L W74-06698 Motions, BENGAL ENGINEERING COLL.. HOWRAH BEDFORD INST., DARTMOUTH (NOVA 7-18 8B W74-09535 (INDIA). DEPT. OF CIVIL ENGINEERING. SCOTIA). MARINE ECOLOGY LAB. BECHTEL POWER CORP., SAN FRANCISCO, Capacity of an Estuary to Accept Pollutants, Water Quality Problems Arising from Irrigation Return Flow, W74-00708 CALIF. W74-13322 7-24 SG Environmental Challenges and Nuclear Fuels, Observations on Mortalities of Benthic Organ-W74-02892 7-06 5B BENHAM-BLAIR AND AFFILIATES, INC., isms After Contamination of the Bottom of OKLAHOMA CITY. BEDFORD INST., DARTMOUTH (NOVA Long Harbour, Placentia Bay, Newfoundland Shawnee Comprehensive Plan, Water Works with Elemental Phosphorus, SCOTIA). System and Sanitary Sewerage System, W74-00710 7-02 SC Detection of Trace Amounts of Oil in Sea Water by Fluorescence Spectroscopy, W74-05871 Coupling Carbon Flow Through Some Pelagic W74-00059 BERGEN UNIV., NORWAY. BOTANICAL LAB. and Benthic Communities, Synchronous Cultures of Chlamydomonas 7-03 SR W74-01437 Variation of Organochlorine Residue Levels Reinhardti: Properties and Regulation of with Age in Gulf of St. Lawrence Harp Seals Phytoplankton Nutrients and Flushing of Inlets Repressible Phosphatases, (Pagophilus Groenlandicus), on the Coast of Nova Scotia, W74-05053 W74-01300 7-03 5A W74-01471 7-03 5B BERGEN UNIV. (NORWAY). ZOOLOGICAL Influence of Humic Substances on the Growth PCB Residues in Plankton from the Gulf of St. MUSEUM. of Marine Phytoplankton: Diatoms, Lawrence. Number and Size of Drifting Nymphs of 7-06 SC W74-02997 W74-05256 7-10 5A Ephemeroptera, Chironomidae, and Simulidae Distribution of Foraminifera Near Pollution by Day and Night in the River Stranda, BEET SUGAR DEVELOPMENT FOUNDATION, Western Norway, Sources in Chaleur Bay, FORT COLLINS, COLO. W74-01230 7-07 SB Anaerobic - Aerobic Ponds For Beet Sugar Waste Treatment. BERTIN AND CIE, PLASIER (FRANCE); AND Laboratory Studies of the Accommodation of W74-10542 7-20 SD ENTREPRISE DE RECHERCHES ET Some Crude and Residual Fuel Oils in Sea D'ACTIVITES PETROLIERES, PARIS Water. BELGIUM PHARMACEUTICAL (FRANCE). (ASSIGNEES) W74-04775 ASSOCIATION, BRUSSELS. Apparatus for Removing a Substance Floating Microbiological Determination of Thiram, Spatial Variability of the Productivity: Biomass as a Layer on the Surface of a Body of Liquid, W74-03846 7-08 5A Ratio for Phytoplankton in a Small Marine W74-11057 7-21 Basin. BELL LABS., MURRAY HILL, N.J. BERTRAN AND HARGRAVES, INC., TAMPA. W74-05316 Turbulent Heat Transfer and the Periodic FLA. (ASSIGNEE) The Production of Particles in the Surface Viscous Sublayer, Aerobic Sewage Treatment, W74-02884 7-06 8B Waters of the Ocean with Particular Reference W74-05896 7-11 5D to the Sargasso Sea, BELORUSSIAN STATE UNIV., MINSK (USSR). BEST FOODS RESEARCH CENTER, UNION, W74-05453 Role of Phyto- and Zooplankton in Self-Purifi-N.J. Occurrence of DDT Residues in Beluga Whales cation Processes (Exemplified by Oxidation A New Benzene-Ethanol-Water Solvent (Delphinapterus Leucas) From the Mackenzie Ponds) (In Russian) System for TLC Separation of Aflatoxins, Delta, N.W.T., W74-04692 7-09 5G W74-05436 7-11 5A W74-06061 7-12 5A BELOTSERKOVSKII BETTIS ATOMIC POWER LAB., PITTSBURGH. Crawling and Respiration as Indices of SELSKOKHOZYAISTVENNYI INSTITUT, PA. Sublethal Effects of Oil and A Dispersant on an BELYA TSERKOV (USSR). Effluent and Environmental Monitoring Report Intertidal Snail Littorina Littorea, Sowing of Ponds and Carp with Clostridium for Calendar Year 1972 for the Bettis Atomic W74-06084 7-12 5C perfringens, (In Ukrainian), Power Laboratory, (Pittsburgh, Pennsylvania). W74-08076 7-15 5B W74-09849 BEDFORD INST., DARTMOUTH (NOVA SCOTIA). ATLANTIC GEOSCIENCE CENTER. BEMIDJI STATE COLL., MINN. DEPT. OF BETZ ENVIRONMENTAL ENGINEERS, INC., A Re-Examination of the Use of the Silt/Clay PLYMOUTH MEETING, PA. DEPT. OF BIOLOGY. Ratios as Indicators of Sedimentary Environ-Preparation of Slide Periphyton for Various INDUSTRIAL CONCEPT DESIGN. ments: A Study for Students, Productivity Analyses. Industrial Waste Water Recovery and Reuse, W74-05989 7-12 2J BEDFORD INST., DARTMOUTH (NOVA BEN SCOTIA). ATLANTIC OCEANOGRAPHIC LAB. ARB A Method for the High Temperature Gas Chro-A matographic Analyses of Petroleum Residues, W74-03579 7-07 5A

Digital Data Processing of ERTS-1 Imagery of

Utilization of ERTS-1 Data to monitor and

ERTS-1 Investigation of Ecological Effects of

Classify Eutrophication of Inland Lakes,

BENDIX CORP., ANN ARBOR, MICH.

Strip Mining in Eastern Ohio,

Delaware Bay,

W74-06703

W74-07484

W74-02572

7-10 2L

7-11 5B

7-11 5D

V74-03315	7-07	7B	W74-11914	7-22	SE
NDIX AEROSPACE SYSTEMS DIV.	ANN		BETZ LABS., INC., TREVOSE, PA.		
BOR, MICH.			A New Era for Cooling Water Treatm	nent,	
Technique for Correcting ERTS	Data	for	W74-00777	7-02	51
olar and Atmospheric Effects, V74-06648	7-13	7C	Some Problems Associated with Water	er Reu	se,

7-13 2L

7-14 5C

7-05 7B

W74-06388 7-12 SI

BETZ LABS., INC., TREVOSE, PA.

(ASSIGNEE). Treatment of Pulp Mill Wastes. W74-02038 7-04 SI

BHABHA ATOMIC RESEARCH CENTRE, BOMBAY (INDIA). BIOLOGY AND AGRICULTURE DIV. Continuous Culture of Filamentous Blue-Green Algae, Appendix C. W74-12590 7-23 56

W74-04944

W74-05441

W74-05615

A Study on Mixing and Circulation in the St.

Flocculation of Suspended Sediment in the

The Behavior of Particulate Material in the

Treatment Lagoons of a Bleached Kraft Pulp

Lawrence Estuary Up to 1964,

BIOLOGO-GEOGRAFICHESKII NAUCHNO-

BHABHA ATOMIC RESEARCH CENTRE,

7-01 3F

W74-13012

7-24 4B

W74-05826

man), W74-00388

BLUME (JOHN A.) AND ASSOCIATES, ENGINEERS, SAN FRANCISCO, CALIF.

BIRMINGHAM UNIV. (ENGLAND). DEPT. OF

BOMBAY (INDIA). HEALTH PHYSICS DIV.	ISSLEDOVATELSKII INSTITUT, IRKUTSK (USSR).	GEOLOGY.
Environmental Tritium Contamination from	Biology of Harpacticella inopinata (Copepoda,	The Hydrogeology and Utilization of Brines in El Salado, Chile,
Nuclear Power Program, W74-02018 7-04 5B	Harpacticoidae) in Lake Baikal, (in Russian), W74-01883	W74-07936 7-15 4A
Thermal Responses in Cirrhina mrigala Fry,		BIRMINGHAM UNIV. (ENGLAND). DEPT. OF
W74-04661 7-09 5C	Ridge-Pool Complex Formation of Khotkhur- sky Bog Mass (In Russian),	GEOLOGY AND GEOPHYSICS. A Centrifugal Technique for Rapidly Estimat-
Recipient Capacity to Limit Discharge of Pollu-	W74-04812 7-09 3F	ing the Permeability of a Consolidated Sand-
tants to Receiving Waters.	Vertical Distribution of Microbial Plankton in	stone.
W74-08351 7-16 5B	Southern Part of Lake Baikal in 1969, (In Russian),	W74-09527 7-18 8E
BHABHA ATOMIC RESEARCH CENTRE,	W74-08870 7-17 5C	BISHOP (WILLIAM), TALLAHASSEE, FLA.
BOMBAY (INDIA), ISOTOPE DIV.	MOCRHEDICS INC. DOCKWILL MR	Engineering Design Criteria for Spray Irriga-
Nucleonic Sediment Concentration Gauge -	BIOSPHERICS, INC., ROCKVILLE, MD. Method for Radiorespirometric Detection of	tion,
Comparison of Transmission and Scattering Modes.	Bacteria in Pure Culture and in Blood,	W74-03521 7-07 5D
W74-04774 7-09 2J	W74-04887 7-10 5A	BITTINGER (M.W.) AND ASSOCIATES, INC.,
	BIOSPHERICS, INC., ROCKVILLE, MD.	FORT COLLINS, COLO.
BIG CHIEF DRILLING CO., OKLAHOMA	(ASSIGNEE)	Interstate and International Aquifers,
CITY, OKLA.	Sewage Treatment Process,	W74-08276 7-16 6E
How Geothermal Wells are Drilled and	W74-00960 7-02 5D	
Completed, W74-10860 7-20 8A	Plastic Moving-Surface Treatment of Sewage,	Management and Administration of Ground
W 74-10800 7-20 8A	W74-07198 7-14 5D	Water in Interstate Aquifers, Phase II, W74-10537 7-20 4B
BILLERUDS A.B., SAFFLE (SWEDEN).		W /4-1033/ /-20 4B
Methanol Distribution in an Evaporation Plant,	BIOTEKNIKA INTERNATIONAL, INC.,	BLACK AND VEATCH, KANSAS CITY, MO.
W74-05253 7-10 5D	ALEXANDRIA, VA. (ASSIGNEE). Microbial Degradation of Petroleum,	Comprehensive Sewerage Plan for Grand
	W74-05686 7-11 5D	Island, Nebraska.
BINNIE AND PARTNERS, LONDON		W74-02123 7-04 5D
(ENGLAND).	BIRLA INST. OF TECH. AND SCIENCE,	DI ACE AND VEATOR PANCACCITY MO
Aims of Water Pollution Control, W74-08470 7-16 5G	PILANI (INDIA). CHEMICAL LABS.	BLACK AND VEATCH, KANSAS CITY, MO.
W/4-084/0 /-16 3G	Spectrophotometric Determination of Urani- um(VI) with 7-Chloro-8-Hydroxyquinoline-5-	DEPT. OF CIVIL ENGINEERING. Pipe Materials, Coatings, and Joints for Water
BIOCHEMISCHES INSTITUT	Sulphonic Acid,	Distribution Systems,
UMWELTCARCIOGENE, AHRENSBURG	W74-05442 7-11 5A	W74-05009 7-10 5F
(WEST GERMANY).	PIRI A INCEL OF SECUL PANCHE (INDIA)	
Investigations on the Occurrence and Decom-	BIRLA INST. OF TECH., RANCHI (INDIA). DEPT. OF CIVIL ENGINEERING.	BLACK, CROW AND EIDSNESS, INC.,
position of Fats and Fatty Acids in Lakes, (In	Sediment Movement at Indian Ports,	GAINESVILLE, FLA.
German), W74-08141 7-15 5C	W74-04345 7-09 2L	Corrosion Control in Water Wells,
W/4-06141 /-13 3C	BIRMINGHAM HAND (ENGLASE) BERT OF	W74-00952 7-02 5F
BIOLOGICAL RESEARCH STATION, BACAU	BIRMINGHAM UNIV. (ENGLAND). DEPT. OF CHEMISTRY.	Artificial Recharge of Treated Waste Waters
(RUMANIA).	Analytical Applications of Gas Chromatog-	and Rainfall Runoff into Deep Saline Aquifers
The Response of Larvae of Perla Burmeisteri-	raphy of Metal Chelates,	of Peninsula of Florida,
ana Claassen (Plecoptera) to Variations in	W74-02366 7-05 2K	W74-03242 7-07 5E
Hydrostatic Pressure, (In French), W74-13458 7-24 2H	BIRMINGHAM UNIV., (ENGLAND). DEPT. OF	BLACK HILLS CONCEDVANCE SUB
W74-13458 7-24 2H	CIVIL ENGINEERING.	BLACK HILLS CONSERVANCY SUB- DISTRICT, RAPID CITY, S.DAK.
BIOLOGICAL STATION, LUNZ AM SEE	Extensive Pumping from Unconfined Aquifers,	Demonstration of a Non-Aqueous Sewage
(AUSTRIA).	W74-05336 7-10 4B	Disposal System,
On the Systematics and Ecology of the Genus	On the Leakage Assumption Applied to Equa-	W74-06519 7-13 5D
Chamesiphon (Cyanophyceae). 2. Ecology (Zur	tions of Groundwater Flow,	
Systematik und Okologie det Gattung	W74-06888 7-13 2F	BLACK SEA-AZOV WATERSHED BASIN
Chamesiphon (Cyanophyceae) 2. Okologie),		SANITARY EPIDEMIOLOGY STATION,
W74-02952 7-06 3C	Critical Analysis of the Alternating Direction Implicit Method of Aquifer Analysis,	ODESSA (USSR). Quality of Drinking Water on Ships in Relation
BIOLOGISCHE ANSTALT HELGOLAND,	W74-07154 7-14 2F	to Sailing Conditions, (In Russian),
(WEST GERMANY).		W74-08082 7-15 5B
Physiological Aspects of Animal Life in Estua-	A Synthetic Model for Daily Streamflow,	
ries with Special Reference to Salinity,	W74-07179 7-14 2E	BLACK, SIVALLS AND BRYSON, INC.,
W74-03461 7-07 2L	Effect of Skewness in Three Stochastic Pentad	OKLAHOMA CITY, OKLA. (ASSIGNEE)
Distribution and Abundance of Oil-Oxidizing	River Flow Models on Crossing Properties of	Apn aratus for Separating Oil and SolidsfFrm
Bacteria in the North Sea,	Synthesized Data,	m Water, W74-07202 7-14 5D
W74-08622 7-16 5B	W74-09909 7-19 2E	7-14 3D
	A Scheme for Assessing the Reliability of In-	BLACKBURN COUNTY BOARD CORP.
BIOLOGISCHE BUNDESANSTALT, KIEL	terpolated Rainfall Estimates,	(ENGLAND).
(WEST GERMANY). INSTITUT FUER	W74-10941 7-21 2B	The Agricultural Use of Blackburn Sewage
GETREIDE-, OELFRUCHT-, AND	Method of Additional Seepage Resistances-	Sludge,
FUTTERPFLANZENKR. Relations Between Host Plants and Phenology	Theory and Application,	W74-10895 7-20 5D
of the Gall Midges Contarinia Tritici (Kirby)	W74-11479 7-22 4B	BLUME (JOHN A.) AND ASSOCIATES,
and Sitodiplosis Mosellana (Geh.), (In Ger-	Aquifer Analysis Using Backward Difference	ENGINEERS, SAN FRANCISCO, CALIF.
man),	Methods,	Turbulence in Wakes of Roughness Elements,

7-11 8B

BOARD FOR WATER RESOURCES MANAGEMENT, LUNEBURG (WEST GERMANY).

BOARD F	OR WA	TER RESOU	RCES
MANAGE	MENT,	LUNEBURG	(WEST
GERMAN	Y).		

The Evaluation of Discharge Measurements in Streams with Changing Flow Conditions, W74-11508 7-22 7B

BOARD OF ENGINEERS FOR RIVERS AND HARBORS, FORT BELVOIR, VA.

Assessing the Social Effects of Public Works Projects, W74-00163 7-01 6B

BOARD OF WATER SUPPLY, HONOLULU, HAWAII.

Honolulu Board of Water Supply Annual Report for the Year Ended June 30, 1973.

W74-08492 7-16 5G

BOEING CO., SEATTLE, WASH.

Dehydration of Solids by Chemical Fractionation.

W74-10282 7-19 5G

BOEING COMMERCIAL AIRPLANE CO., SEATTLE, WASH.

Regeneration of Chromated Aluminum Deoxidizers, Phase I Report,
W74-07254 7-14 5D

BOISE CASCADE CORP., PORTLAND, OREG.

Pilot Application of the Rotating Biological Surface Concept for Secondary Treatment of Insulating Board Mill Effluents, W74-07398 7-14 5D

BOLIVAR TREATMENT WORKS (SOUTH AUSTRALIA).

Automatic Process Control of Sewage Treatment Works, W74-08212 7-16 5D

BOLOGNA UNIV. (ITALY).

The Determination of Vanadium in Sea Water by Hot Graphite Atomic Absorption Spectrometry on Chitosan After Separation from Salt, W74-11109 7-21 5A

BOLOGNA UNIV. (ITALY). CIAMICIAN CHEMICAL INST.

Determination of Traces of Copper, Lead, Cadmium, Nickel, Zinc and Iron in Silver Halides by Pulse Polarography, W74-10447 7-20 5A

BONN UNIV. (WEST GERMANY). INSTITUT

BONN UNIV. (WEST GERMANY). INSTITUT FUER LANDWIRTSCHAFTLICHE ZOOLOGIE UND BIENENKUNDE.

Self-Purification and Ciliate Colonization in Acid Environment (Model Experiment), (Selbstreinigung und Ciliatenbesiedlung in saurem Milieu (Modellversuche),
W74-06020 7-12 5C

Population Dynamics of Protozoa Associated with the Decay of Organic Materials in Fresh Water, W74-07541 7-14 5C

BONN UNIV. (WEST GERMANY). INSTITUT FUER MEDIZINISCHE PARASITOLOGIE.

Investigations on the Viability of Trichomonas Vaginalis in Tap Water and Public Swimming Pools, (in Russian), W74-11193 7-21 5B

BONN UNIV. (WEST GERMANY). INSTITUT FUER PELANZENBAU.

Yield Determinations in Permanent Pastures at Different Locations: Interactions Between Location and Manuring Intensity, (In German), W74-06251 7-12 3F

BONN UNIV. (WEST GERMANY). INSTITUT FUER PHYSIKALISCHE CHEMIE.

Potentiality of the Coupling of Column Liquid Chromatography and Field Desorption Mass Spectrometry, V74-02430 7-05 2K

BOOZ-ALLEN APPLIED RESEARCH, INC., BETHESDA, MD.

A Study of Hazardous Waste Hazardous Effects and Disposal Wethods. Volume I. W74-06555 7-13 5C

A Study of Hazardous Waste Materials, Hazardous Effects and Disposal Methods. Volume II. W74-06556 7-13 5C

A Study of Hazardous Waste Materials, Hazardous Effects and Disposal Methods. Volume III. W74-06557

BOOZ-ALLEN PUBLIC ADMINISTRATION SERVICES, INC., WASHINGTON, D.C.

A Study of the Economic Impact on the Steel Industry of the Costs of Meeting Federal Air and Water Pollution Abatement Requirements. Part III.

W74-01844

7-04

5G

BORDEAUX UNIV., ARCACHON (FRANCE). INST. OF MARINE BIOLOGY.

Resistance and Respiratory Physiology of Intertidal Meiofauna to Oxygen-Deficiency, W74-11309 7-21 5C

BORDEAUX UNIV. (FRANCE).

Vertical Movements in the Nonsaturated Zone and the Specific Yield of a Water-Table Aquifer (Etude des transferts verticaux dans la zone non saturee et de l'emmagasinement d'une nappe libre, dans le cas d'un pompage, dans les condittions na turelles), W74-07182 7-14 2F

BOSTOCK, HILL AND RIBGY BIRMINGHAM, (ENGLAND).

Reuse and Recycle of Water in Industry, W74-10051 7-19 5D

BOSTOCK HILL AND RIGBY, BIRMINGHAM (ENGLAND).

Reuse and Recycle of Water in Industry, W74-09444 7-18 5D

Some Conservation Problems in the Metal-Finishing Industry, W74-09577 7-18 5D

BOSTON CITY HOSPITAL, MASS. CHANNING

Multipurpose Medium for Use with Pseudomonas Species,
W74-04906 7-10 5A

BOSTON UNIV., MASS. DEPT. OF BIOCHEMISTRY.

Formation of Carbon Monoxide and Bile Pigment in Red and Blue-Green Algae,
W74-04112 7-08 5C

BOSTON UNIV., MASS. DEPT. OF BIOLOGY.

The Relationship Between Blue-Green Algae and Carbonate Deposits,
W74-12583 7-23 5C

BOSTON UNIV., WOODS HOLE, MASS. MARINE BIOLOGICAL LAB.

Nutrient Retention in Salt Marsh Plots Experimentally Fertilized with Sewage Sludge, W74-10809 7-20 5C

BOTANICAL SURVEY OF INDIA, CALCUTTA.

Ecological Aspects Along the Shores of the Burabalanga Tidal Estuary Balasore District, Orissa State, W74-07049 7-13 2L

BOWDOIN COLL., BRUNSWICK, MAINE. DEPT. OF ECONOMICS.

Economic Incentives in Water Pollution Control,
W74-05638 7-11 5G

BOWLES FLUIDICS CORP., SILVER SPRING, MD.

Preliminary Evaluation of Fluidic Techniques for Flow Modulation in the Multi-Stage Flash Distillation Process, W74-11827 7-22 3A

BOWLING GREEN STATE UNIV., OHIO. DEPT. OF BIOLOGY.

An Aerophilous Diatom Community from Hocking County, Ohio, W74-03318 7-07 5A

BOWLING GREEN STATE UNIV., OHIO. DEPT. OF GEOLOGY.

Transfer of Heavy Metal Pollutants from Lake Erie Bottom Sediments to the Overlying Water, W74-05956 7-12 5B

BOWNE (SIDNEY B.) AND SON, MINEOLA, N.Y.

Nitrate Removed at Water Treatment Plant,
W74-08317 7-16 5F

BOYCE THOMPSON INST. FOR PLANT RESEARCH, INC., YONKERS, N. Y.

A Membrane Biological Filter Device for Reducing Waterborne Biodegradable Pollutants, W74-09713 7-18 5D

BOYLE ENGINEERING, LAS VEGAS, NEV.

Master Water Plan, Las Vegas Valley, (With Map Supplement). W74-03117 7-06 6D

BOYLE ENGINEERING, LAS VEGAS, NEV.; AND CORNELL, HOWLAND, HAYES AND MERRYFIELD, LAS VEGAS, NEV.

Svaluation of Alternates for Water Pollution Control and Resource Management: Phase III, Pollution Abatement Project, Las Vegas Wash and Bay, Annex C. W74-02834 7-06 5D

BOYLE ENGINEERING, SANTA ANA, CALIF.

Water Facilities for East Orange Area for City of Orange and East Orange County Water District. W74-03648 7-07 3D

BP REFINERY SINGAPORE PTY. LTD.

Pollution Control of Discharges into Rivers, Streams and Sea, W74-08469 7-16 5G

BRISTOL UNIV. (ENGLAND). DEPT. OF

Measurements of the Downslope Flow of

GEOGRAPHY.

BRACKETT (F.W.) AND CO., LTD.,

Solids Separation from Industrial Waters and

the Phytoplankton of Abbot's Pond, North

Somerset,

W74-00651

COLCHESTER (ENGLAND).

BRITISH COLUMBIA UNIV., VANCOUVER. INST. OF ANIMAL RESOURCE ECOLOGY.

tion, W74-09478

Use of Decision Theory in Reservoir Opera-

7-18 4A

Effluents: Screening and Straining,	Water in a Soil,	
W74-08393 7-16 5D	W74-06886 7-13 2G	Molecular Size and Spectral Characterization
PRINCES COMPANY	The Relationship of Porosity and Angle of	of Organic Matter in a Meromictic Lake, W74-11067 7-21 2H
BRADFORD UNIV. (ENGLAND).	Repose to Mixture Proportions in Assemblages	W74-11067 7-21 2H
Uncertainty Analysis in the Economic Evalua-	of Different Sized Materials,	Static Leaching Studies on Pulpwood Bark
tion of Irrigation Systems, W74-10321 7-19 3F	W74-07330 7-14 2J	Residues, W74-13276 7-24 5B
BRADFORD UNIV. (ENGLAND). SCHOOL OF	BRISTOL UNIV. (ENGLAND). DEPT. OF	
BIOLOGICAL SCIENCES.	INORGANIC CHEMISTRY.	BRITISH COLUMBIA UNIV., VANCOUVER.
Pesticides in Effluents and Polluted River	Use of Amberlite XAD-4 for Extraction and Recovery of Chlorinated Insecticides and	DEPT. OF GEOGRAPHY. The Growth of Pingos, Western Arctic Coast,
Water, W74-06130 7-12 5A	Polychlorinated Biphenyls from Water, W74-07383 7-14 5D	Canada, W74-00098 7-01 2C
BRAHMAPUTRA FLOOD CONTROL		Line Intersection Method for Estimating
COMMISSION (INDIA).	BRISTOL UNIV. (ENGLAND). H. W. WILLS PHYSICS LAB.	Drainage Density,
Developing a Cooperative Research Program For Flood Control in Brahmaputra Valley,	Hydrology of the Intergranular Veins in a Tem-	W74-07174 7-14 2J
W74-00195 7-01 10A	perate Glacier, W74-09337 7-18 2C	BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF GEOLOGICAL SCIENCES.
BRANDEIS UNIV., WALTHAM, MASS. DEPT.	Water at the Bed of a Glacier,	Sedimentation on the Western Delta-Front of
OF BIOCHEMISTRY.	W74-09340 7-18 2C	the Fraser River, British Columbia,
Storage and Disposal of High Level Wastes,		W74-03061 7-06 2L
W74-08948 7-17 5C	BRISTOL UNIV. (ENGLAND). SCHOOL OF CHEMISTRY.	Environmental Lead: A Survey of its Possible
Radiation Hazards From the Misuse of Urani-	Heavy Metal Estimation in Biological Systems,	Physiological Significance,
um Mill Tailings,	W74-09580 7-18 5B	W74-13233 7-24 5B
W74-08951 7-17 5C	BRISTOL UNIV. (ENGLAND). SCHOOL OF	BRITISH COLUMBIA UNIV., VANCOUVER.
BRANDEIS UNIV., WALTHAM, MASS.	MATHEMATICS.	DEPT. OF GEOLOGY.
ENVIRONMENTAL STUDIES PROGRAM.	Surface Shear Waves,	Record of Two Jokullhlaups,
Lung Cancer Among Uranium Mine Workers,	W74-12994 7-24 8B	W74-09331 7-18 2C
W74-08952 7-17 5C	BRITISH COKE RESEARCH ASSOCIATION,	BRITISH COLUMBIA UNIV., VANCOUVER.
BRASOV UNIV. (RUMANIA).	CHESTERFIELD (ENGLAND).	DEPT. OF PHYSICS.
Sedge Associations from the Ozunca Swamp,	The Determination of Phenols in Aqueous Ef-	The Influence of Wind on the Surface Waters of Alberni Inlet.
(In Rumanian),	fluents, W74-02417 7-05 5A	W74-07497 7-14 2L
W74-01016 7-02 2H		
BREWER (C.) AND CO. LTD., HAWAII.	BRITISH COLOMBIA RESEARCH COUNCIL, VANCOUVER.	BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF SOIL SCIENCE.
Origins of Sugar Mill Discharges on the Hilo-	Measuring Stress in Fish Exposed to Pulp Mill	A Study of Evapotranspiration from a Douglas
Hamakua Coast and a Course of Action for	Effluents,	Fir Forest Using the Energy Balance Ap-
Their Control, W74-05661 7-11 5C	W74-02276 7-05 5C	proach, W74-02764 7-06 2D
	BRITISH COLUMBIA PROVINCIAL LAB.,	W /4-02/64 /-06 2D
BRIDGEPORT HYDRAULIC CO., CONN.	VANCOUVER.	Determination of Nitrates in Soil Extracts,
Water Sampling and Laboratory Service, W74-04024 7-08 5A	Index of Drinking Water Pollution: Total Coliform MPN Tests: Confirmed Test Versus	W74-07443 7-14 2G
	Completed Test,	Dynamic Measurement of Hydrologic Proper-
BRIDGESTONE TIRE CO. LTD., TOKYO	W74-02087 7-04 5A	ties of a Layered Soil During Drainage and
(JAPAN). (ASSIGNEE) Oil Recovery System,	PRINCIPLO COLUMNIA VANCO VINCOVIUM	Evaporation, Followed by Wetting, W74-12838 7-24 2G
W74-05886 7-11 5G	BRITISH COLUMBIA UNIV., VANCOUVER. Origin, Composition, and Structure of Perenni-	
Device for Recovering Floating Matter from	ally Frozen Ground and Ground Ice: A Review,	BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF ZOOLOGY.
Water Surface,	W74-04366 7-09 2C	The Effect of Thermal Acclimation on Heart
W74-12432 7-23 5G	Problems in the Origin of Massive Icy Beds,	rate and Oxygen Consumption of Frogs During Submergence,
BRIGHAM YOUNG UNIV., PROVO, UTAH.	Western Arctic, Canada, W74-04369 7-09 2C	W74-04242 7-08 5A
DEPT. OF BOTANY AND RANGE SCIENCE.		
An Ecological Survey of the Algae of Hunting-	Systems Analysis in the Marion Lake IBP Pro-	An Experimental Investigation into Effects of Pulp Mill Effluent on Structure of Biological
ton Canyon, Utah, W74-13469 7-24 5C	ject, W74-07010 7-13 5C	Communities in Alberni Inlet, British Colum-
	Stream Hydrographs by Fluorescent Tracers,	bia. Part 1: Subtidal Communities, W74-05047 7-10 5C
BRIGHAM YOUNG UNIV., PROVO, UTAH. DEPT. OF CHEMISTRY.	W74-11514 7-22 7B	
Seasonal Variations in Residues of Chlorinated		Effects of Copepod Grazing on Two Natural
Hydrocarbon Pesticides in the Water of the	Jurisdictional Problems in Canada's Offshore, W74-12613 7-23 6E	Phytoplankton Populations, W74-08726 7-17 5C
Utah Lake Drainage System: 1970 and 1971,		7-17 3C
W74-01780 7-04 5B	BRITISH COLUMBIA UNIV., VANCOUVER.	Marine Intertidal Community Responses to
BRISTOL UNIV. (ENGLAND). DEPT. OF	DEPT. OF CIVIL ENGINEERING.	Kraft Pulp Mill Effluent,
BOTANY.	Mechanism for Streamflow Meandering, W74-08388 7-16 8B	W74-11306 7-21 5C
The Standing Crop and Primary Productivity of	70000	BRITISH COLUMBIA UNIV., VANCOUVER.

Transverse Dispersion in Ocillatory Channel

7-16 5B

Flow, W74-08389

7-02 5C

INST. OF ANIMAL RESOURCE ECOLOGY.

W74-05727

Resilience and Stability of Ecological Systems,

BRITISH COLUMBIA UNIV., VANCOUVER. INST. OF ANIMAL RESOURCE ECOLOGY.

In Comparison of the Food of Salamanders and Fish in Marion Lake, British Columbia,	BRITISH STEEL CORP., (SHEFFIELD) *(ENGLAND). STRIP MILLS DIV.	The Effects of Water Content and Density on the Electrical Resistivity of Soil,
W74-07349 7-14 2H	A Bibliography on the Pollution Aspects of Coke Ovens.	W74-10829 7-20 2G
BRITISH COLUMBIA UNIV., VANCOUVER. INST. OF FISHERIES.	W74-08183 7-16 5B	BROOM'S BARN EXPERIMENT STATION, BURY ST. EDMONDS (ENGLAND).
Potential Productivity of an Alpine Lake as In-	BRITISH WEDGE WIRE CO. LTD.,	Effects of Some Soil Conditions on Sugar Beet
dicated by Removal and Reintroduction of	WARRINGTON (ENGLAND), (ASSIGNEE).	Seedling Emergence, W74-00389 7-01 3F
Fish,	Sedimentation Tanks, W74-04708 7-09 5D	W74-00389 7-01 3F
W74-13496 7-24 5C	W /4-04/08 7-09 3D	BROOM'S BARN EXPERIMENTAL STATION,
BRITISH COLUMBIA UNIV., VANCOUVER.	BRNO UNIV. (CZECHOSLOVAKIA).	BURY ST. EDMUNDS (ENGLAND).
INST. OF OCEANOGRAPHY.	HYDROBIOLOGICKA LABORATOR.	Organo-Mercury Fungicide Treatment of Sugar-Beet Seed,
Preliminary Survey of Mercury and Other		W74-07951 7-15 5B
Metals Contained in Animals from the Fraser	Variation in the Abundance of Plankton (In	BROOME COUNTY PLANNING DEPT.,
River Mudflats, W74-00764 7-02 5C	Czech),	BINGHAMPTON, N.Y.
	W74-01567 7-03 5C	Riverbanks Improvement Program,
Environmental Control of Phytoplankton Cell	BRNO UNIV., MUSOV (CZECHOSLOVAKIA).	W74-05234 7-10 6F
Size, W74-02998 7-06 5C	BIOLOGICAL STATION.	BROOMS' BARN EXPERIMENT STATION,
W 14-02550	Annual Cycle of Zooplankton in Backwaters of the Flood Area of the Dyje,	BURY ST. EDMONDS, (ENGLAND).
Measurements of the Turbulent Fluxes of Mo-	W74-06536 7-13 5C	Growth of Crop Roots in Relation to Soil Moisture Extraction,
mentum, Moisture and Sensible Heat Over the		W74-13414 7-24 3F
Ocean, W74-04673 7-09 2E	BROCK UNIV., ST. CATHARINES (ONTARIO).	
	DEPT. OF GEOLOGICAL SCIENCES. Gelatin Coated Microscope Slides in Sedimen-	BROWN AND CALDWELL, SAN FRANCISCO, CALIF.
Some Particulate and Soluble Agents Affecting	tary Size Analysis.	Upgrading Lagoons,
the Relationship Between Metal Toxicity and	11 /4-04055	W74-03495 7-07 5D
Organism Survival in the Calanoid Copepod Euchaeta Japonica,	The Effect of Collecting Time and Grain Size	Automation Comes to L.A.,
W74-12250 7-23 5C		W74-08225 7-16 5D
	Geochemical Mapping in the St. Catharines	PROUNT IN BOOM INC. HOUSEAN MEN
BRITISH COLUMBIA UNIV., (VANCOUVER). WESTWATER RESEARCH CENTRE.	Area, Ontario, W74-04587 7-09 2J	BROWN AND ROOT, INC., HOUSTON, TEX. A General Solution for the Two-Dimensional,
Critique of Water Pollution Control Act,	W /4-0438/ /-09 23	Transient Heat Conduction Problem in Per-
W74-08774 7-17 5G	BROOKE ARMY MEDICAL CENTER, FORT	mafrost, Using Implicit, Finite Difference
	SAM HOUSTON, TEX. HEALTH CARE	Methods, W74-04350 7-09 2C
BRITISH INDUSTRIAL BIOLOGICAL	RESEARCH DIV. Sensitivity of Three Selected Bacterial Species	W 74-04330 7-09 2C
RESEARCH ASSOCIATION, CARSHALTON (ENGLAND).	to Ozone,	Pump Selection,
Studies on the Effects of the Oral Administra-	W74-01553 7-03 5F	W74-07872 7-15 8C
tion of Di-(2-Ethylhexyl) Phthalate on some	BROOKHAVEN NATIONAL LAB., UPTON,	BROWN, BOVERI UND CIE, A.G.,
Hepatic Enzymes in the Rat, W74-10885 7-20 5C	NV	HEIDELBERG (WEST GERMANY). Detection of Pollutants in Water by Raman
W /4-10883	1972 Environmental Monitoring Report -	Spectroscopy,
BRITISH METEOROLOGICAL OFFICE,	Brookhaven National Laboratory, (New York). W74-09845 7-19 5A	W74-02164 7-05 5A
BRACKNELL (ENGLAND).		BROWN (FLOYD G.) AND ASSOCIATES, LTD.,
The Accuracy of Radar-Derived Rainfall Mea- surements in Hilly Terrain,	Environmental Radiation Dose Cineria and As-	MARION, OHIO.
W74-13009 7-24 2E	sessment: Pathway Modeling and Surveillance, W74-11653 7-22 5B	General Plan for Recommended Storm
	117-11033	Drainage Facilities, Marion County, Ohio. W74-09359 7-18 5D
BRITISH PAPER AND BOARD MAKERS' ASSOCIATION, LONDON (ENGLAND).	BROOKHAVEN NATIONAL LAB., UPTON, N.Y. HEALTH PHYSICS AND SAFETY DIV.	W74-09359 7-18 5D
The Pulp and Paper Industry and the Environ-		BROWN UNIV., PROVIDENCE, R.I.
ment,	sessment-Pathway Modeling and Surveillance,	Climb of a Bore on a Beach. Part I. Uniform Beach Slope,
W74-07411 7-14 5E	W74-08875 7-17 5B	W74-00035 7-01 2L
BRITISH PETROLEUM CO., LTD., LONDON	Comparing Effluent Releases From Nuclear	
(ENGLAND).	and Fossilfueled Power Plants,	BROWN UNIV., PROVIDENCE, R.I. DEPT. OF ECONOMICS.
Here's How To Find Permeability From Draw	W74-09503 7-18 5B	The Economic Effects of Floods. Investiga-
down At a Constant Rate,	BROOKINGS INSTITUTION, WASHINGTON,	tions of a Stochastic Model of Rational Invest-
W74-10101 7-19 8E	D.C.	ment Behavior in the Face of Floods, W74-03193 7-06 6A
BRITISH PETROLEUM CO. LTD., SUNBURY-	Cost-Benefit Analysis of Irrigation Projects in	
ON-THAMES (ENGLAND).	Northeastern Brazil, W74-04565 7-09 3F	BROWN UNIV., PROVIDENCE, R.I. DEPT. OF
Determination of Fluorine in Petroleum and		GEOLOGICAL SCIENCES. Phreatic vs. Vadose Diagenesis: Stratigraphy
Petroleum Process Catalysts with a Fluoride Electrode,	Ditto Oliziti Conzul, Illiani Diziti Oli	and Mineralogy of a Cored Borehole on Bar-
W74-03864 7-08 5A	CHEMISTRY. Organic Functional Group Analysis Via Gas	bados, W. I.,
	Chromatograpy. III. Determination of Carba-	W74-04068 7-08 2F
BRITISH PETROLEUM CO. LTD., SUNBURY-	mates by Reaction with Alkali,	BROWN UNIV., PROVIDENCE, R.I. DIV. OF
ON-THAMES (ENGLAND). RESEARCH CENTRE.	W74-06872 7-13 5A	APPLIED MATHEMATICS.
Influence of Older Relief on the Location of		Long Surf, W74-01203 7-03 2E
Sand Waves in a Part of the Southern North		
Sea, W74-07676 7-15 2.	Littoral Zone Tidal-Cycle Sedimentation, W74-01192 7-03 2J	Some Three-Dimensional Effects in Surf, W74-04942 7-10 2J
7-13 &	7-05 25	7-10 23

BUREAU OF MINES, BARTLESVILLE, OKLA. BARTLESVILLE ENERGY RESEARCH

BRUSSELS UNIV. (BELGIUM). Outbreeding and Inbreeding in a Zinc-Lead	BULGARIAN ACADEMY OF SCIENCES, SOFIA. INST. OF WATER PROBLEMS.	BUNDESGESUNDHEITSAMT, BERLIN (WEST GERMANY). MAX VON PETTENKOFER
Mine Population of Armeria maritima, W74-09788 7-18 5C	A Method for Measuring the Quality of	INSTITUT. Contribution to the General Pathology of En-
	Bedload Transported by Short Flood Waves, W74-11541 7-22 7B	docardial Reactions: Toxic Endocardial Le-
BRUSSELS UNIV. (BELGIUM). LABORATOIRE	W/4-11541 /-22 /B	sions in Lower Vertebrates (Carp), (In Ger-
DE BOTANIQUE SYSETEMATIQUE ET D'ECOLOGIE.	BULGARIAN NATIONAL COMMITTEE ON	man),
Water Content in a Phytocoenosis, and Water	IRRIGATION AND DRAINAGE, SOFIA.	W74-05308 7-10 5C
Budget of a Ecosystem; Oak-Forest of Virelles,	WATER DEVELOPMENT DESIGN INST. Some Data on the Water Economy and the	BUREAU DE RECHERCHES GEOLOGIQUES
(In French), W74-00474 7-01 2I	Utilization of Water Resources in Bulgaria, In-	ET MINIERES, ORLEANS (FRANCE).
W /4-004/4 /-01 21	cluding Irrigation,	DEPARTEMENT CARTE GEOLOGIQUE ET
BRUSSELS UNIV. (BELGIUM). LABORATOIRE	W74-03954 7-08 3F	GEOLOGIE GENERALE. Capability of ERTS-1 Imergy to Investigate
DE BOTANIQUE SYSTEMATIQUE ET D'ECOLOGIE.	BUNDESANSTALT FUER	Geological and Structural Features in a Sedi-
Biomass, Productivity and Phytogeochemistry	BODENFORSCHUNG, HANOVER (WEST	mentary Basin (Bassin Parisien, France),
of the Vegetation of the Banks of an Ardenne	GERMANY).	W74-01695 7-04 3F
Stream (Gembes Brook, at Daverdisse,	Groundwater Exploration and Provision from	BUREAU OF ALCOHOL, TOBACCO AND
Ardenne, Luxembourg): III. Survey on the Biomass and Productivity of the Woody	the Hydrogeological Point of View,	FIREARMS, CINCINNATI, OHIO.
Stratum of an Island of the Mache Valley),	W74-02353 7-05 4B	Simple Inexpensive Freeze-Drying Procedure,
W74-12617 7-23 2I	Digital Recording of Water Levels with the Aid	W74-01339 7-03 7B
BRUSSELS UNIV. (BELGIUM).	of Acoustics and its Application to Hydrologi-	BUREAU OF COMMERCIAL FISHERIES, ANN
LABORATORIUM VOOR EKOLOGIE EN	cal Pumping Tests,	ARBOR, MICH. TECHNOLOGICAL LAB.
SYSTEMATIEK.	W74-11495 7-22 7B	Survey of Mercury Concentrations in Fishes of
Contribution to Biological and Chemical Study	BUNDESANSTALT FUER	Lakes St. Clair, Erie, and Huron, W74-06775 7-13 SB
of the Port of Ostende, (In French), W74-01384 7-03 5B	GEWAESSERKUNDE, COBLENZ (WEST	
	GERMANY).	BUREAU OF COMMERCIAL FISHERIES,
A Bacterial Methylmercury-Mineralizing Ac-	On The Extent of Bottom Erosion in Large	WEST BOOTHBAY HARBOR, MAINE. BIOLOGICAL LAB.
tivity in River Sediments, W74-09092 7-17 5B	Rivers (Ueber den Umfang der Schlenerosion in grossen Gewaessern),	Coastal Currents of the Western Gulf of Maine,
	W74-04252 7-08 2J	W74-00015 7-01 2H
BRUSSELS UNIV. (ENGLAND). PHARMACEUTICAL INST.		BUREAU OF LAND MANAGEMENT,
A Comparison of Fast Destruction Methods for	BUNDESANSTALT FUER GEWASSERKUNDE,	ANCHORAGE, ALASKA.
the Determination of Trace Metals in Biological	COBLENZ (WEST GERMANY). Bedload Measurement by Means of Bottom	Permafrost Considerations in Land Use
Materials,	Plates and Bedload Samplers with Hydrophone	Planning Management,
W74-01317 7-03 5A	Attachments,	W74-04361 7-09 2C
BRYN MAWR COLL., PA. DEPT. OF	W74-11543 7-22 7B	BUREAU OF LAND MANAGEMENT,
CHEMISTRY.	Special Hydrometric Ships for the Inland	WASHINGTON, D.C.
System Simulation to Identify Environmental Research Needs: Mercury Contamination,	Waterways of the Federal Republic of Ger-	Rogue National Wild and Scenic River, Oregon (Notice of Revised Development and Manage-
W74-06014 7-12 5B	many,	ment Plans).
BUOMANDON HAMIL (BUILDANNA)	W74-11551 7-22 7B	W74-13227 7-24 6E
BUCHAREST UNIV. (RUMANIA). Zonation of Aquatic and Swamp Vegetation,	Experiences with a Fully Automatic Curve	BUREAU OF MINERAL RESOURCES.
(In Rumanian),	Scanner.	CANBERRA (AUSTRALIA).
W74-03843 7-08 2H	W74-11566 7-22 7C	Isotopic and Elemental Geochemistry of Black
BUCHAREST UNIV. (RUMANIA). FACULTY OF		Sea Sediments,
BIOLOGY.	BUNDESANSTALT FUER WASSERBIOLOGIE	W74-12392 7-23 2J
Primary Production-Phytoplankton Relation-	UND ABWASSERFORSCHUNG, VIENNA (AUSTRIA).	BUREAU OF MINERAL RESOURCES,
ship in the Crapina-Jijila Complex in the Flood Conditions of 1970, (In Rumanian),	A Comparison of the Content of Microelements	GEOLOGY AND GEOPHYSICS, CANBERRA
W74-01015 7-02 2I	in the Water of the River Danube Near Vienna	(AUSTRALIA). Supratidal Environment and Geochemistry of
	and Belgrade for 1961-1970 (Ein Vergleich des	Some Recent Dolomite Concretions, Broad
Observations on the Ecology and Distribution of the Turbellarian Fauna of the Danube Delta	Gehaltes an Spurenelementen im Donauwasser	Sound, Queensland, Australia,
(Beobachtungen uber die Okologie und Ver-	bei Wien und Beograd fue 1961-1970),	W74-04069 7-08 2L
breitung der Turbellarienfauna im Donaudelta),	W74-02436 7-05 5A	Groundwater in the Northern Wiso Basin and
W74-03574 7-07 5C	BUNDESFORSCHUNG SANSTALT FUER	Environs, Northern Territory,
Primary Productivity in the Crapina-Jijila Lake-	FISCHEREI, HAMBURG (WEST GERMANY).	W74-05331 7-10 4B
Complex (Danube Flooded Area) During	INSTITUT FUER KUESTEN- UND	BUREAU OF MINERAL RESOURCES.
Severe Flooding,	BINNENFISCHEREI	GEOLOGY AND GEOPHYSICS, CANBERRA
W74-04194 7-08 5C	ISOTOPENLABORATORIUM. Problems With Dumping of Red Mud in Shal-	(AUSTRALIA). BAAS-BECKING
RUCKMAN LARS INC MEMPHIS TENN	resources were pamping of year and in angle	GEOBIOLOGICAL LAB.

BUNDESGESUNDHEITSAMT, BERLIN (WEST GERMANY). INSTITUT FUER WASSER-,

Literature,

W74-13091

7-09 5D

7-05 3F

low Waters. A Critical Review of Selected

BUCKMAN LABS., INC., MEMPHIS, TENN.

Agroclimatic Areas for Wheat and Bioclimatic

Characteristics of its Cultivars in Uruguay, (In

Water Reuse and Deposits Control,

BUENOS AIRES UNIV. (ARGENTINA).

FACULTED DE AGRONOMIA Y

W74-04520

VETERINARIA.

Spanish),

W74-02354

BODEN-, UND LUFTHYGIENE. Biological Incrustation of Wells Due to Mass Development of Iron and Manganese Bacteria, W74-01902 7-04 5B 7-08 21

Apparatus for Studies of Artificial Sediments,

BUREAU OF MINES, BARTLESVILLE, OKLA.

Compositional Studies of a High-Boiling 370-

535 C Distillate from Prudhoe Bay, Alaska,

BARTLESVILLE ENERGY RESEARCH

W74-04057

Crude Oil,

W74-00258

CENTER.

7-24 5C

BUREAU OF MINES, BARTLESVILLE, OKLA. BARTLESVILLE ENERGY RESEARCH

How to Find Abandoned Oil and Gas Wells, W74-00941 7-02 8G	Geothermal Development and Southwest Storage Basins, W74-06945 7-13 4B	Rock Mechanics Properties of Typical Founda- tion Rock Types: Summarizing Physical and Mechanical Tests of Rock Samples from
Analyzing Heavy Ends of Crude, W74-02378 7-05 5A	River Mile IndexVirgin River Basin, Arizona,	Several Types of Foundation Sites, W74-13211 7-24 8E
History of a Two-Well Industrial-Waste	Nevada, Utah. W74-11030 7-21 2E	BUREAU OF RECLAMATION, DENVER,
Disposal System, W74-03247 7-07 5E	BUREAU OF RECLAMATION, DENVER,	COLO. ENGINEERING REFERENCE BRANCH. The Information Science Approach to Transfer
Subsurface Disposal of Pickle Liquor, W74-09583 7-18 5E	Ecological and Environmental Considerations, W74-01060 7-02 8A	of Knowledge, W74-00193 7-01 10A
Saline Groundwaters Produced with Oil and Gas.	Petrography and Engineering Properties of Igneous Rocks,	BUREAU OF RECLAMATION, DENVER, COLO. FLOOD HYDROLOGY SECTION.
W74-10411 7-20 5A	W74-03143 7-06 8A	Flood Studies, W74-01061 7-02 8A
BUREAU OF MINES, BARTLESVILLE, OKLA. ENERGY RESEARCH CENTER.	Physical Properties of some Typical Foundation Rocks.	BUREAU OF RECLAMATION, DENVER, COLO. HYDRAULIC STRUCTURES BRANCH.
Explosive Fracturing in Heavy Oil Sandstone, W74-10088 7-19 8E	W74-03145 7-06 8E	Concrete Gravity Dams,
	Reclamation Research in the SeventiesFirst	W74-01066 7-02 8A
BUREAU OF MINES, PITTSBURGH, PA. PITTSBURGH ENERGY RESEARCH CENTER. Conversion of Urban Refuse to Oil,	Progress Report. W74-07922 7-15 4A	BUREAU OF RECLAMATION, DENVER, COLO. LOWER COLORADO REGION.
W74-00406 7-01 5D	Lake Mead, a Case History, W74-08748 7-17 4A	Geothermal Resource Investigations, Imperial Valley, California: Special Report Test Well
Analyses of Tars, Chars, Gases, and Water		Mesa 6-1.
Found in Effluents from the Synthane Process,	Proposed Long Draw Reservoir Enlargement Project, Colorado, an Application Under the	W74-05139 7-10 4B
W74-08592 7-16 5A	Small Reclamation Projects Act (Final Environmental Impact Statement).	BUREAU OF RECLAMATION, DENVER, COLO. OFFICE OF ATMOSPHERIC WATER
BUREAU OF MINES, ROLLA, MO. ROLLA METALLURGY RESEARCH CENTER.	W74-09172 7-17 8A	RESOURCES.
Recovery of Phosphates and Metals from	BUREAU OF RECLAMATION, DENVER,	Project Skywater 1972 Annual Report. W74-07928 7-15 3B
Phosphate Sludge by Solvent Extraction, W74-08590 7-16 5D	COLO. DIV. OF DESIGN AND CONSTRUCTION.	,,,,,,,,
BUREAU OF MINES, SALT LAKE CITY,	Selection of Type of Dam,	BUREAU OF RECLAMATION, DENVER, COLO. SPILLWAYS AND OUTLET WORKS
UTAH. SALT LAKE CITY METALLURGY	W74-01062 7-02 8A	SECTION. Spillways,
RESEARCH CENTER. Solvent Extraction of Nitrate from Titanium	Foundations and Construction Materials,	W74-01067 7-02 8A
Leacher Effluent,	W74-01063 7-02 8A	
W74-11763 7-22 5D	Earthfill Dams, W74-01064 7-02 8A	Outlet Works, W74-01068 7-02 8A
BUREAU OF MINES, SPOKANE, WASH.		BUREAU OF RECLAMATION, DENVER,
Stability of an Underground Room in Frozen Gravel.	Maintenance and Operation, W74-01070 7-02 8A	COLO. TECHNICAL SERVICES BRANCH.
W74-04418 7-09 2C		The Role of the International Commission on Irrigation and Drainage in the Transfer of
BUREAU OF MINES, TUSCALOOSA, ALA.	BUREAU OF RECLAMATION, DENVER, COLO. DIV. OF PROJECT INVESTIGATIONS. Project Planning,	Water Resources Knowledge, W74-00199 7-01 10A
TUSCALOOSA METALLURGY RESEARCH CENTER.	W74-01059 7-02 8A	
Laboratory Flotation Studies of Tennessee	BUREAU OF RECLAMATION, DENVER,	BUREAU OF RECLAMATION, DENVER, COLO. UPPER COLORADO REGIONAL
Phosphates in the Presence of Slimes, W74-08588 7-16 5D	COLO. EARTH DAMS SECTION. Rockfill Dams,	OFFICE. River Mile IndexColorado River Main Stem
BUREAU OF MINES, TUSCALOOSA, ALA. TUSCALOOSA METALLURGY RESEARCH	W74-01065 7-02 8A	and Tributaries (Lees Ferry, Arizona, Except San Juan River).
LAB.	Diversion During Construction, W74-01069 7-02 8A	W74-13196 7-24 2E
Solubility of 1,1,2,2-Tetrabromoethane in		BUREAU OF RECLAMATION, FRESNO,
Water as a Function of Temperature, W74-08589 7-16 5B	BUREAU OF RECLAMATION, DENVER, COLO. ENGINEERING AND RESEARCH	CALIF.
Electrophoresis and Coagulation Studies of	CENTER.	The Water Cycle on a Watershed in the Palouse Region of Idaho,
Some Florida Phosphate Slimes,	How Engineering Research is Reduced to Prac- tice in the Bureau of Reclamation,	W74-03739 7-07 4A
W74-08591 7-16 5D	W74-00200 7-01 10A	BUREAU OF RECLAMATION, SACRAMENTO,
BUREAU OF RECLAMATION, BOISE, IDAHO.	Design of Small Dams.	CALIF. MID-PACIFIC REGIONAL OFFICE. River Mile Index-San Joaquin River, Tulare
The Bureau of Reclamation and Resource Development,	W74-01058 7-02 8A	Lake and Buena Vista Lake Basins, California.
W74-06112 7-12 6G	Riprap Slope Protection for Earth Dams: A	W74-00549 7-01 2E
BUREAU OF RECLAMATION, BOULDER CITY, NEV. REGION 3.	Review of Practices and Procedures, W74-01093 7-02 8D	Proposed Irrigation Distribution System for Pond-Poso Improvement District (PL 984),
Geothermal Resource Investigations,	Hydraulic Model Studies of the Low-Level	Kern County, California (Final Environmental
W74-01273 7-03 4B	Outlet Works, LG-2 Development, Quebec,	Impact Statement). W74-09263 7-18 4A
	Canada.	11.1-07203 /-10 4/4

Canada,

7-11 8C

W74-10636

W74-10680

Tunnels--Machine Excavation Rate of Progress--Machine Data,

7-20 8B

7-20 8E

BUREAU OF RECLAMATION, SALT LAKE

Crystal Dam, Reservoir, and Powerplant, Cure-

canti Unit, Colorado River Storage Project,

CITY, UTAH.

ment).

W74-05812

Havasu Intake Channel, Havasu Pumping Plant

and Buckskin Mountains Tunnel, Arizona-New

Mexico (Final Environmental Impact State-

ORGANIZATIONAL INDEX BUSINESS AND DEFENSE SERVICES ADMINISTRATION, WASHINGTON, D.C. WATER

BUREAU OF SPORT FISHERIES AND

WILDLIFE REFUGES.

WILDLIFE, WASHINGTON, D.C. DIV. OF

W74-03130	7-06	8A	EASTERN FISH DISEASE LAB.	WILDLIFE REFUGES.
BUREAU OF RECLAMATION, WAS	HINCT	ON	Studies on Selected Myxobacteria Pathogenic	Cadmium, Nickel, Lead, and Zinc in
D.C.	HEIGH	014,	for Fishes and on Bacterial Gill Disease in	Earthworms from Roadside Soil,
Evolving Water Policy and Manage	ement in	the	Hatchery-Reared Salmonids, W74-02672 7-06 5C	W74-09780 7-18 5C
United States.			W 74-02672 7-06 3C	BUREAU OF SPORT FISHERIES AND
W74-02358	7-05	6B	Fish Viruses: Isolation and Identification of In-	
			fectious Hematopoietic Necrosis in Eastern	WILDLIFE, WASHINGTON, D.C. OFFICE OF ENDANGERED SPECIES.
Pa Mong Stage one Feasibility Rep			North America,	Greater Adaptability of Freshwater Mussels to
dix VI. Economic, Agricultural,	Social	and	W74-05322 7-10 5A	Natural Rather Than to Artificial Displace-
Financial Analysis.			BURDAN OF SPORT PICHERS AND	ment.
W74-02686	7-06	6B	BUREAU OF SPORT FISHERIES AND	W74-01235 7-03 8I
Pa Mong State One Feasibility Rep	nort An	nen.	WILDLIFE, LA CROSSE, WIS. FISH CONTROL	1174-01235
dix VII. Corollary Studies.	port. Ap	pen-	LAB.	BUREAU OF THE BUDGET, WASHINGTON,
W74-02687	7-06	6B	Preparation and Properties of Quinaldine Sulfate, an Improved Fish Anesthetic,	D.C.
	, 00	040	W74-10386 7-20 8I	Standards and Criteria for Formulating and
Groundwater Movement,			W 74-10380 7-20 81	Evaluating Federal Water Resources Develop-
W74-03142	7-06	4B	Toxicity of Quinaldine Sulfate to Fish,	ments,
Water Manager and at Ital Bank			W74-10387 7-20 5C	W74-01845 7-04 6B
Water Management at Its Best. W74-10271	7.10	(D		
W /4-102/1	7-19	OB	Residue of Quinaldine in Ten Species of Fish	BURGESS AND NIPLE LTD., COLUMBUS,
BUREAU OF RECLAMATION, WAS	HINGT	ON.	Following Anesthesia With Quinaldine Sulfate,	OHIO.
D.C. DIV. OF WATER AND LAND.		,	W74-10389 7-20 5C	Water-Related Facilities Study for the Com-
Water and the Energy Crisis,			The Use of Bioassays to Determine the Rate of	prehensive Regional Plan of Columbus and
W74-04912	7-10	6D	Deactivation of Pesticides.	Franklin County(Ohio).
			W74-12261 7-23 5C	W74-01048 7-02 6B
BUREAU OF RECLAMATION, WAS				PURIS AND DOE CONCERNICATION CORP.
D.C. ECONOMICS AND STATISTIC			BUREAU OF SPORT FISHERIES AND	BURNS AND ROE CONSTRUCTION CORP.,
Socioeconomic Impacts of the Fe		ecla-	WILDLIFE, LAUREL, MD. PATUXENT	PARAMUS, N.J.
mation Program in the United State			WILDLIFE RESEARCH CENTER.	Brackish Water Desalting Testing and Evalua-
W74-12793	7-24	6B	Mercury in Wild Animals, Lake St. Clair, 1970,	tion Procedures with Modile Test Facility,
BUREAU OF SPORT FISHERIES AN	in		W74-06776 7-13 5B	W74-01934 7-04 3A
WILDLIFE, BOSTON, MASS.			BUREAU OF SPORT FISHERIES AND	Brackish Water Desalting, Testing and Evalua-
A Device for Alleviating Supers	aturatio	n of	WILDLIFE, MARION, ALA. SOUTHEASTERN	tion Procedures with Mobile Test Facility.
Gases in Hatchery Water Supplies.			FISH CULTURAL LAB.	W74-08335 7-16 3A
W74-11941		5C	Endrin Uptake and Release by Fingerling	W 14-00333
			Channel Catfish (Ictalurus Punctatus),	Brackish Water Desalting Testing and Field
BUREAU OF SPORT FISHERIES AN	(D		W74-06060 7-12 5C	Evaluation with Reverse Osmosis and Elec-
WILDLIFE, BOZEMAN, MONT. FIS				trodialysis Pilot Plants,
CULTURAL DEVELOPMENT CENT			BUREAU OF SPORT FISHERIES AND	W74-08339 7-16 3A
Sulphamerazine Toxicity in Cut-		Trout	WILDLIFE, PROVO, UTAH.	
Broodfish Salmo clarki (Richardson			Small Mammals Increase on Recently Cleared	Annual Report - San Diego Test Facility,
W74-11068	7-21	5C	and Seeded Juniper Rangeland,	January 1, 1971 - February 15, 1972.
Effects of Water Reuse on Rainb	ow Tro	nt in	W74-02938 7-06 4A	W74-11828 7-22 3A
Hatcheries.	Ow 110	a. m	BUREAU OF SPORT FISHERIES AND	
W74-11940	7-22	5C	WILDLIFE, STUTTGART, ARK. FISH	Management, Operation and Maintenance of
			FARMING EXPERIMENT STATION.	Brackish Water Test Facility, Roswell, New
Factors Influencing Formalin Toxic	city in T	rout,	Monitoring Channel Catfish Use of a Demand	Mexico, July 1970 - April 1972,
W74-11947	7-22	5C	Feeder,	W74-11832 7-22 3A
			W74-01237 7-03 8I	BURNS AND ROE, INC., ORADELL, N.J.
BUREAU OF SPORT FISHERIES AN		0 F P P		Evaluation of Ion Exchange Processes for
WILDLIFE, COLUMBIA, MO. FISH	-PESTI	CIDE	BUREAU OF SPORT FISHERIES AND	Treatment of Mine Drainage Waters,
RESEARCH LAB. Biomagnification of p,p'-DDT a	nd Ma	thor	WILDLIFE, WARM SPRINGS, GA.	W74-08341 7-16 5D
ychlor by Bacteria,	ind Mc	mox-	SOUTHEASTERN FISH CONTROL LAB.	7-10 35
W74-00615	7.02	5B	An Improved Chemical Delivery Apparatus for	Some Environmental Considerations in Power
W 74-00015	1-02	313	Use in Intermittent Flow Bioassays, W74-12272 7-23 7B	Generation.
Hexachlorobenzene (HCB) Residu	es in Fis	sh,	W 14-12212 1-23 1B	W74-10782 7-20 5G
W74-11331	7-21	5C	Monitoring 2,4-D Residues at Loxahatchee Na-	
			tional Wildlife Refuge,	The Estuary and Industrial Wastes: Power
Effects of Hatchery Water Reuse	on Rais	nbow	W74-13326 7-24 5A	Plants,
Trout Metabolism,				W74-11869 7-22 5D
W74-11943	7-22	5C	BUREAU OF SPORT FISHERIES AND	
BUREAU OF SPORT FISHERIES AN	ND.		WILDLIFE, WASHINGTON, D.C.	BURR-BROWN RESEARCH CORP., TUCSON,
WILDLIFE, DENVER, COLO. FISH		IDE	An Evaluation of Space Acquired Data as a	ARIZ.
RESEARCH LAB.	- 1.011		Tool for Management of Wildlife Habitat in	Don't Forget D/A Converter Tempco,
Dechlorination of DDT by	Aerob	acter	Alaska, W74-02596 7-05 7B	W74-01507 7-03 7C
Aerogenes,			11 14-02370 /-03 /B	BUSINESS AND DEFENSE SERVICES
W74-08739	7-17	5B	The Effects of Ecological Changes on Buckeye	ADMINISTRATION WASHINGTON D.C.

Lake, Ohio, with Emphasis on Largemouth Bass and Aquatic Vascular Plants,

The Efficacy of Quinaldine Sulfate as an Anesthetic for Freshwater Fish,

7-13 5C

7-20 8I

W74-06546

W74-10388

7-02 2L

BUREAU OF SPORT FISHERIES AND

WILDLIFE, KEARNEYSVILLE, W. VA.

Colorado (Supplement to the Final Environ-

BUREAU OF SPORT FISHERIES AND WILDLIFE, JAMESTOWN, N. DAK. NORTHERN PRAIRIE WILDLIFE RESEARCH

Waterfowl of the Chesapeake Bay,

CENTER.

W74-00919

mental Statement).

7-11 5G

ADMINISTRATION, WASHINGTON, D.C.

COMMERCE, WASHINGTON, D.C.

Control Equipment,

W74-05636

WATER RESOURCES AND ENGINEERING

SERVICES DIV.: AND BUREAU OF DOMESTIC

The Present and Future Market for Pollution

BUSINESSMEN FOR THE PUBLIC INTEREST, WASHINGTON, D.C.

BUSINESSMEN FOR THE PUBLIC INTEREST, WASHINGTON, D.C.	COASTAL REGION, AND CALIFORNIA STATE UNIV., HUMBOLDT, ARCATA. Problems on California's Coast,	CALIFORNIA STATE COLL., PA. DEPT. OF BIOLOGICAL SCIENCES. The 'Palmelloid' State in a Blue-Green Alga,
The Interlake Affair, W74-07120 7-14 5G	W74-12759 7-24 6E	Anabaena sp. I. Preliminary Report,
	CALIFORNIA INCE OF EDGIL BASADENA	W74-00723 7-02 5C
CAGLIARI UNIV. (ITALY). INST. OF HYDRAULICS.	CALIFORNIA INST. OF TECH., PASADENA. DEPT. OF ENVIRONMENTAL ENGINEERING.	CALIFORNIA STATE DEPT. OF FISH AND
A Contribution to Statistical Depth-Duration- Frequency Analysis,	Clouds in the Crystal Ball, W74-13277 7-24 6D	GAME, SACRAMENTO. Anadromous Fish Water Requirements,
W74-11469 7-22 2B	CALIFORNIA INST. OF TECH., PASADENA.	W74-01880 7-04 8I
CAIRO UNIV., GIZA (EGYPT). DEPT. OF	DIV. OF GEOLOGICAL AND PLANETARY	Relationships Between Soil Salinity and the
BOTANY.	SCIENCES.	Salinity of Applied Water in the Suisun Marsh
Contributions to Water Requirements of Wheat	Alkali and Alkaline Earth Metals: Distribution	of California,
Under Desert Conditions, W74-12721 7-23 2I	and Loss in a High Sierra Nevada Watershed, W74-10667 7-20 2K	W74-10764 7-20 4A
W74-12721 7-23 2I		Observations on the Spawning of the Mississip-
Eco-Physiological Studies on Desert Plants:	CALIFORNIA INST. OF TECH., PASADENA. ENVIRONMENTAL QUALITY LAB.	pi Silversides, Menidia Audens, Hay, W74-12688 7-23 8I
VIII. Root Penetration of Leptadenia Pyrotechnica (Forsk.) Decne. in Relation to Its	Resource Allocation, Information Cost and the	W74-12688 7-23 8I
Water Balance,	Form of Government Intervention,	CALIFORNIA STATE DEPT. OF PUBLIC
W74-12743 7-23 2I	W74-03485 7-07 5G	HEALTH, BERKELEY. SANITATION AND
CAIDO UNIV. CIZA (ECUPT) EACULTY OF	CALIFORNIA INST. OF TECH., PASADENA.	RADIATION LAB. Mercury in Water: An Evaluation of Laborato-
CAIRO UNIV., GIZA (EGYPT). FACULTY OF SCIENCE.	JET PROPULSION LAB.	ries and Methodology,
Experimental Studies on Feeding the Common	Fate and Effects of Oil Pollutants in Extremely	W74-09774 7-18 5A
Carp Cyprinus Carpio L. In Egypt,	Cold Marine Environments, W74-11725 7-22 5B	CALIFORNIA STATE DEPT. OF PUBLIC
W74-01100 7-02 8I		HEALTH, SACRAMENTO. ENVIRONMENTAL
Applications, Involving the Iodide Ion. VIII.	CALIFORNIA INST. OF TECH., PASADENA. W.	SANITATION DIV.
Direct and Indirect Determination of Mercu-	M. KECK LAB. OF ENVIRONMENTAL HEALTH ENGINEERING.	Effects of Sewage Disposal and Reclamation
ry(I) and Analysis of Mixtures. Analysis of Chromium(VI)-Chromium(III) Mixtures. Deter-	The Flow of Trace Elements Through the Los	on Ground Water Quality, W74-06948 7-13 5D
mination of Hypochlorite,	Angeles Basin: Zn, Cd, and Ni,	
W74-02395 7-05 5A	W74-10987 7-21 5B	CALIFORNIA STATE DEPT. OF PUBLIC
Ecological and Phytosociological Study of a	The Flow of Trace Elements Through the Los	HEALTH, SANTA ROSA. BUREAU OF SANITARY ENGINEERING.
Sector in the Lybian Desert,	Angeles Area: Effect on Non-Urban Areas,	Design and Use of Radial Collector Wells,
W74-02507 7-05 2I	W74-10988 7-21 5B	W74-05098 7-10 8B
On the Reaction Between Iodide and Mercu-	The Production Rate of Sulfate Aerosol in the	CALIFORNIA STATE DEPT. OF WATER
ry(II),	Stratosphere: Environmental Implications of a Stratospheric Aircraft Fleet,	RESOURCES, FRESNO. SAN JOAQUIN
W74-06870 7-13 5A	W74-10999 7-21 5B	DISTRICT.
CALGARY BONNYBROOK TREATMENT	CALIFORNIA INCE OF SECUL BACADENA W	Removal of Nitrogen from Tile Drainage-A Summary Report, Bio-Engineering Aspects of
PLANT (ALBERTA).	CALIFORNIA INST. OF TECH., PASADENA. W. M. KECK LAB. OF HYDRAULICS AND WATER	Agricultural Drainage, San Joaquin Valley
Surface Aeration of Domestic Wastes Section 1	RESOURCES.	California.
- The Bonntbrook Sewage Treatment Plant, W74-10171 7-19 5D	Wave Induced Oscillations in Harbors,	W74-05228 7-10 5D
	W74-02708 7-06 2L	Nutrients from Tile Drainage Systems, Bio-En-
CALGARY UNIV. (ALBERTA). DEPT. OF BIOLOGY.	Dispersion in Hydrologic and Coastal Environ-	gineering Aspects of Agricultural Drainage, Sar
Diurnal Primary Production Patterns in Seven	ments,	Joaquin Valley, California. W74-05229 7-10 5E
Lakes and Ponds in Alberta (Canada),	W74-03327 7-07 5B	
W74-10802 7-20 5C	Factors Determining Bed Forms of Alluvial	CALIFORNIA STATE DEPT. OF WATER RESOURCES, LOS ANGELES. SOUTHERN
CALGARY UNIV. (ALBERTA). DEPT. OF	Streams, W74-05735 7-11 2J	DISTRICT.
GEOGRAPHY.		Water Quality CycleReflection of Activities
Statistical Tests of Leopold's System for Quan- tifying Aesthetic Factors Among Rivers,	CALIFORNIA INSTITUTE OF TECH., PASADENA. W. M. KECK LAB. OF	of Nature and Man,
W74-09913 7-19 6G	ENVIRONMENTAL HEALTH ENGINEERING.	W74-04263 7-08 5E
CALCARY HAIN (ALBERTA) FACILITY OF	Kelp Habitat Improvement Project, Annual Re-	CALIFORNIA STATE DEPT. OF WATER
CALGARY UNIV. (ALBERTA). FACULTY OF BUSINESS.	port July 1, 1970 - June 30, 1971. W74-07489 7-14 5C	RESOURCES, SACRAMENTO. Oxnard Basin Experimental Extraction-Type
Nonlinear Programming in River Basin Model-	W/4-0/489 /-14 3C	Barrier.
ing,	Kelp Habitat Improvement Project, Annual Re-	W74-01289 7-03 8E
W74-07298 7-14 5B	port July 1, 1971 - June 30, 1972. W74-07490 7-14 5C	Climatological Stations in California, 1971,
CALGON CORP., PITTSBURGH, PA.		W74-01383 7-03 70
CORROSION RESEARCH GROUP.	CALIFORNIA STATE AIR RESOURCES	
Unusual Cases of Copper Corrosion, W74-05097 7-10 8G	BOARD, EL MONTE. Photochemical Aerosol Formation in the At-	Index of Stream Gaging Stations in and Ad jacent to California, 1970,
	mosphere and in an Environmental Chamber,	W74-01943 7-04 21
CALIFORNIA ATTORNEY GENERAL'S	W74-10955 7-21 5B	Mathematical Cimpleton of Calleton in
ENVIRONMENTAL TASK FORCE, SACRAMENTO.	CALIFORNIA STATE COLL., HAYWARD.	Mathematical Simulation of Salinity in the Sacramento Rover System,
Sewage: The Surprising Resource,	DEPT. OF BIOLOGICAL SCIENCES AND	W74-01944 7-04 51
W74-05794 7-11 5D	HEALTH SCIENCES.	Flat Control Print Mineral Control

Body Heat Dissipation and Conservation in
Two Species of Dolphins,
W74-04240
7-08 5C
Flood Control Project Maintenance and Repair
-- 1971 Inspection Report,
W74-01945
7-04 8D

CALIFORNIA COASTAL ZONE CONSERVATION COMMISSION, NORTH

Lower San Joaquin River Water Quality In-	Meeting Water Demands in the Chino-River-	CALIFORNIA STATE UNIV., LONG BEACH.
vestigation-Appendix F: Public Hearing, W74-02142 7-04 6D	side Area, W74-09076 7-17 6D	DEPT. OF BIOLOGY. The Sublethal Effects of Environmental Varia-
Flood Control Funds 1970 Report to the	Meeting Water Demands in the Raymond Basin	bles on Polychaetous Annelids, W74-11292 7-21 5C
Legislature. W74-02292 7-05 6C	Area, W74-09077 7-17 6D	CALIFORNIA STATE UNIV., LONG BEACH.
Flood Control Project Maintenance and Repair-	Inventory of Waste Water Production and	DEPT. OF MICROBIOLOGY. Ecosystem of the Salton Sea,
-1970 Inspection Report, W74-02617 7-05 2E	Waste Water Reclamation Practices in Califor- nia, 1970-1971,	W74-08752 7-17 4A
The California State Water Project Summary:	W74-09078 7-17 5D	CALIFORNIA STATE UNIV., SAN DIEGO.
Nineteen-Seventy-Two, Appendix C.	Ground Water Quality and Solid Waste	DEPT. OF GEOLOGICAL SCIENCES. Calcitization of Edwards Group Dolomites in
W74-03026 7-06 4A	Management A Selective Bibliography, W74-09319 7-18 5E	the Balcones Fault Zone Aquifer, South-Cen-
Water Well StandardsArroyo Grande Basin, San Luis Obispo County,	CALIFORNIA STATE DEPT. OF WATER	tral Texas. W74-10208 7-19 2F
W74-03057 7-06 5B	RESOURCES, SACRAMENTO. DIV. OF	CALIFORNIA STATE UNIV., SAN DIEGO.
North Coastal Area Investigation. South Fork	RESOURCES DEVELOPMENT. Weather Modification Operations in California,	DEPT. OF GEOLOGY.
EEL River Study: A Summary of the Public Hearing Comments on the Preliminary Edition	October 1, 1969September 30, 1970,	Problems Related to the Evaluation of Ground- water Resources of the Crystalline Rock Area,
Dated January 1968, Final Supplement,	W74-01947 7-04 3B	San Diego County, California,
W74-03476 7-07 6B	Weather Modification Operations In California, October 1, 1970-September 30, 1971,	W74-09544 7-18 2F
Castaic Lake Area Recreation Development Plan.	W74-02293 7-05 3B	CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, SACRAMENTO.
W74-03481 7-07 6B	California High Water, 1970-1971,	The Porter-Cologne Water Quality Control Act,
The California State Water Project in 1968,	W74-02474 7-05 2E	and Related Water Code Sections (Containing the 1971 Amendments).
W74-03502 7-07 6B	Weather Modification Operations in California, October 1, 1968 - September 30, 1969,	W74-01461 7-03 5G
Upper Eel River Development. Investigation of Alternative Conveyance Routes,	W74-03056 7-06 3B	Useful Waters for California.
W74-03503 7-07 6B	Groundwater Management,	W74-03504 7-07 5G
West Side Crop Adaptability Study.	W74-06334 7-12 4B	Water Quality Criteria, Second Edition.
W74-03922 7-08 3F	Ground Water Quality Data for Planning,	W74-05417 7-11 5A
Pyramid Lake Recreation Development Plan. Initial Facilities,	Monitoring and Surveillance, W74-06947 7-13 5A	Regulations Concerning Waste Discharge Requirements, National Pollutant Discharge
W74-03955 7-08 6B	Managing Water Resources from the Wrong	Elimination System. W74-05777 7-11 5G
Los Banos Reservoir Recreation Development Plan.	Place at the Wrong Time, W74-09528 7-18 6B	The Physical Setting of the Colorado River
W74-03956 7-08 6B	CALIFORNIA STATE DEPT. OF WATER	Basin,
Discharge System for the A.D. Edmonston	RESOURCES, SACRAMENTO. SNOW SURVEYS AND WATER SUPPLY	W74-05921 7-11 4A
Pumping Plant, W74-04038 7-08 3B	FORECASTING SECTION.	Annual State Strategy for Water Quality Con- trol, Fiscal 1973-74.
Role of Models in Groundwater Management,	Snow Survey Measurements Through 1970, W74-02738 7-06 2C	W74-10502 7-20 5G
W74-05680 7-11 4B	CALIFORNIA STATE DIV. OF HIGHWAYS,	CALIFORNIA STATE WATER RESOURCES
Impact of Water Pollution Control Legislation	SACRAMENTO. TRANSPORTATION LAB.	CONTROL BOARD, SCRAMENTO. Current State Board Activities in Ground
on Meeting Future Water Needs in California, W74-06954 7-13 5G	Evaluation of a Method of Fog Dispersal by Ionization.	Water Quality Management,
Environmental Quality: As an Objective of	W74-10639 7-20 3B	W74-06953 7-13 5G
Ground Water Management,	CALIFORNIA STATE POLYTECHNIC COLL.,	CALIFORNIA UNIV., ALBANY. DIV. OF
W74-06956 7-13 5B	POMONA. DEPT. OF BIOLOGICAL SCIENCES. Potential Danger from the Indian Catfish,	BIOLOGICAL CONTROL. Influence of Overhead Sprinkler Systems on
Bethany Reservoir Recreation Development Plan.	Heteropneustes fossilis (Bloch),	Spider Mite Populations in North Coast Vineyards of California,
W74-07127 7-14 6B		W74-01893 7-04 3F
Lake Perris Recreation Development Plan.	CALIFORNIA STATE UNIV., FULLERTON. DEPT. OF BIOLOGY.	CALIFORNIA UNIV., BEREKLEY.
W74-07128 7-14 6B	The Amount of Space Available for Marine and Freshwater Fishes,	Detection and Estimation of Dead-End Pore Volume in Reservoir Rock by Conventional
North Coastal Area Action Program. A Study of the McKinleyville-Trinidad Area: Public	W74-01561 7-03 2I	Laboratory Tests,
Hearing Comments. W74-07129 7-14 6B	CALIFORNIA STATE UNIV., FULLERTON.	W74-00944 7-02 8G
	DEPT. OF CIVIL ENGINEERING. Ground-Water Recharge Strip Basin-Experi-	CALIFORNIA UNIV., BERKELEY. Land Use as a Factor in Coastal Water Quality,
Silverwood Lake Recreation Development Plan.	ments,	W74-00383 7-01 2L
W74-07130 7-14 6B	W74-06740 7-13 4B	Heat Transfer Fouling Through Growth of Cal-
Land Use In California.	CALIFORNIA STATE UNIV., FULLERTON.	careous Film Deposits,

7-12 2J

7-14 6B DEPT. OF GEOGRAPHY.

Beach Foreshore Sedimentology and
Morphology in the Apostle Islands of Northern
Wisconsin,

W74-06281

Land Use In California. W74-07131

North Coastal Area Action Program: A Study Of The Smith River Basin And Plain. W74-07132 7-14 6B

Water, Land, and Environment Imperial Val-ley: Law Caought Up in the Winds of Politics, W74-03127 7-06 6E

CALIFORNIA UNIV., BERKELEY.

CALIFORNIA UNIV., BERKELET.				
Series Solutions for Shallow Water Wave W74-03440 7-0	es, 07 2E	Computer Simulation of Estuarial No W74-01197	etworks, 7-03 2L	Earthquake Response of Gravity Dams Including Reservoir Interaction Effects,
The Rhein Study,		Evaluation of Groundwater Resourc	es in Liver-	W74-06359 7-12 8A
	08 2J	more Valley, California, W74-04201	7-08 2F	CALIFORNIA UNIV., BERKELEY. FORESTRY REMOTE SENSING LAB.
The Future Prospects of Artificial Groun	dwater		, 00 21	Monitoring California's Forage Resource Using
Recharge,		Coastal Processes,		ERTS-1 and Supporting Aircraft Data,
W74-03826 7-0	8 5D	W74-04951	7-10 2L	W74-01675 7-04 4A
Pulsed D.C. Motor Speed Control for P	ortable	Measurement of Dye Concentr	rations by	Testing the Usefulness of ERTS-1 Imagery for
Instrumentation,		Photography,		Inventorying Wildland Resources in Northern
W74-04895 7-1	10 7B	W74-08376	7-16 2E	California,
WaterA Primer,		Salt-Water Intrusion and Its Control	,	W74-01676 7-04 4A
W74-09613 7-1	8 2A	W74-08662	7-16 5B	Agricultural Applications of ERTS-1 Data,
Predicting Thermal Conductivities of	Forma-	CALIFORNIA UNIV., BERKELEY. D	EPT. OF	W74-01687 7-04 3I
tions from Other Known Properties,		GEOLOGY AND GEOPHYSICS.		Continue Warren and Communication International
W74-10089 7-1	19 8E	The Influence of Geological Membr		Combining Human and Computer Interpreta tion Capabilities to Analyze ERTS Imagery,
Studies of Oxygen Reduction at a R	otating	Geochemistry of Subsurface W. Miocene Sediments at Kettleman N		W74-06658 7-13 70
Disk Electrode, W74-11641 7-2	22 3A	in California, W74-07513	7-14 2K	CALIFORNIA UNIV., BERKELEY.
CALIFORNIA UNIV. BEREVELEV COLL	OF			HYDRAULIC ENGINEERING LAB.
CALIFORNIA UNIV., BERKELEY. COLL ENGINEERING.	. OF	SOLMNEQ: Solution-Mineral	Equlibrium	Quarternary Beaches and Coasts Between the
Equilibrium Flow Areas of Tidal Inl	ets on	Computations, W74-12086	7-23 2K	Russian River and Drakes Bay, California, W74-00019 7-01 2.
Sandy Coasts,				7-01 2
W74-03695 7-	07 8B	CALIFORNIA UNIV., BERKELEY. D GEOSCIENCES.	EPT. OF	Sand Movement Along Equilibrium Beache
The Analysis of Harbor and Estuary Sys	tems,	Permafrost: Relation Between Ice (Content and	North of San Francisco, W74-01213 7-03 2
	09 2L	Dielectric Losses at 100 Deg K,		W /4-01213 /-03 2
Tracing Coastal Sediment Movement by	Natu.	W74-05994	7-12 2C	A Function for Sand Movement by Wind,
rally Radioactive Minerals,	14atu-	CALIFORNIA UNIV., BERKELEY. D	EPT. OF	W74-02689 7-06 2
W74-04753 7-	-09 2J	LANDSCAPE ARCHITECTURE.		Sediment Transport by Waves and Currents,
Sand Losses from a Coast by Wind Action	on.	Planning for Areas of Significant E	invironmen-	W74-03111 7-06 2
	-10 2J	tal and Amenity Value, W74-09420	7-18 6B	S. C. T. T. D. T. O. W. W.
W. L. C. Protein in Grand Pos				Sediment Transport Due to Oscillatory Waves, W74-11731 7-22 21
Hydraulic Fracturing in Zoned Ear Rockfill Dams.	in and	CALIFORNIA UNIV., BERKELEY. D	EPT. OF	W/4-11/31
	11 8D	MECHANICAL ENGINEERING. Evaporation Retardation by Monola	vers	CALIFORNIA UNIV., BERKELEY.
Deformation Moduli of Water Bearing	Cormo	W74-02774	7-06 3B	HYDRAULICS LAB. Multipurpose Water Related Development in
Deformation Moduli of Water-Bearing tions at Elevated Temperatures,	roima-	CALIFORNIA UNIV. BERVELEV D	ERT OF	Urban Areas,
	15 4B	CALIFORNIA UNIV., BERKELEY. D SANITARY ENGINEERING AND PU		W74-12226 7-23 4
CALIFORNIA UNIV. BERVELEV DERT	OF	HEALTH.	obie .	6.1 POPUL VIII. PPRUPUPUPU
CALIFORNIA UNIV., BERKELEY. DEPT BOTANY.	. OF	Ecological Management of	Thermal	CALIFORNIA UNIV., BERKELEY. INST. OF ENGINEERING RESEARCH.
The Effects of Bacteria on the Grow	th and	Discharges, W74-09923	7-19 5D	Effects of Reefs and Bottom Slopes on Win
Reproduction of Oedogonium Cardiacum		W 74-03323	7-19 313	Set-Up in Shallow Water,
W74-01422 7-	03 5C	CALIFORNIA UNIV., BERKELEY. D	EPT. OF	W74-01182 7-03 2
A Portable Apparatus for Measuring I	Relative	SOILS AND PLANT NUTRITION. Uptake and Translocation of Sr by	Zea mave	CALIFORNIA UNIV., BERKELEY. INST. OF
Gas Vacuolation, The Strength of		W74-04187	7-08 5C	URBAN AND REGIONAL DEVELOPMENT.
Vacuoles, and Turgor Pressure in Pla Blue-Green Algae and Bacteria,	nktonic	A Kinetic Study of Ammonium and	Mitaita On	Procedures and Programs to Assist in the En
	06 5A	idation in a Soil Field Plot,	Nime Ox-	vironmental Impact Statement Process, W74-07061 7-14 6
Seed Weight in Relation to Environment	ol Con	W74-07625	7-15 5B	W/4-0/001
ditions in California,	ai Con-	Effect of Ion-Pair Formation on th	e Solubility	CALIFORNIA UNIV., BERKELEY. LAWRENCI
	-23 2I	Product,	ic solubility	BERKELEY LAB.
CALIFORNIA UNIV., BERKELEY. DEPT	OF	W74-10345	7-19 2G	Radioactivity of Nevada Hot-Spring Systems, W74-07786 7-15 5.
CHEMICAL ENGINEERING.	· Or	A Modified Ion Exchange Techni	que for the	
Removal of Oil from Aqueous Wastes by	y Flota-	Determination of Stability Constan		Annual Environmental Monitoring Report 197
tion,	10 50	Soil Organic Matter Complexes,		- Lawrence Berkeley Laboratory, (California), W74-09857 7-19 5.
W74-10082 7-	19 5G	W74-11262	7-21 5A	
CALIFORNIA UNIV., BERKELEY. DEPT	. OF	CALIFORNIA UNIV., BERKELEY.		CALIFORNIA UNIV., BERKELEY. NAVAL
CIVIL AND ENVIRONMENTAL ENGINEERING.		EARTHQUAKE ENGINEERING RES	EARCH	BIOMEDICAL RESEARCH LAB. Considerations in Application of Microorgan
Oxygen Depletion Model for Cayuga La	ke,	CENTER. Earthquake Analysis of Structure	-Foundation	isms to the Environment for Degradation of
	15 5C	Systems,		Petroleum Products,
CALIFORNIA UNIV., BERKELEY. DEPT	OF	W74-05846	7-11 8E	W74-08618 7-16 5
The state of the s				

A Computer Program for Earthquake Analysis

of Gravity Dams Including Hydrodynamic In-

7-12 8A

W74-08630

teraction,

W74-06280

7-01 2J

Hydrocarbons of Suspected Pollutant Origin in Aquatic Organisms of San Francisco Bay: Methods and Preliminary Results,

Dunes,

W74-00509

CIVIL ENGINEERING.

Mechanism of Sand Movement on Coastal

CALIFORNIA UNIV., DAVIS. DEPT. OF POLITICAL SCIENCE; AND CALIFORNIA

CALIFORNIA UNIV., BERKELEY. SANITARY ENGINEERING RESEARCH LAB.	A Discrete Space Continuous Time Modeling Approach to Nonsteady Flow in a Leaky	CALIFORNIA UNIV., DAVIS. DEPT. OF ENGINEERING.
Synopsis of Workshop on Modeling of the	Aquifer System of Finite Configuration,	Dam-Break Flood in a Prismatic Dry Channel.
Eutrophication Process,	W74-06887 7-13 2F	W74-02311 7-05 8B
W74-06561 7-13 5C		
NEW A Description of the Control of	Agricultural Wastes and Ground Water Quality,	CALIFORNIA UNIV., DAVIS. DEPT. OF
NTA Removal in Septic Tank and Oxidation	W74-06951 7-13 5B	ENTOMOLOGY.
Pond Systems, W74-10481 7-20 5D	Application of the Spline Function to Soil	Control of Catch-Basin Mosquitoes Using
W /4-10461 /-20 3D	Science.	Zoecon ZR515 Formulated in a Slow Release
Photosynthetic Reclamation of Agricultural	W74-07344 7-14 2G	Polymer: A Preliminary Report, W74-12691 7-23 5G
Solid and Liquid Wastes,		W /4-12091 /-23 30
W74-12647 7-23 5D	Growth and Decay of Groundwater Mounds In-	CALIFORNIA UNIV., DAVIS. DEPT. OF
CALIFORNIA UNIV. BERVELEV CCHOOL OF	duced by Percolation,	ENVIRONMENTAL TOXICOLOGY.
CALIFORNIA UNIV., BERKELEY. SCHOOL OF FORESTRY AND CONSERVATION.	W74-12987 7-24 2F	Thermal and Base-Catalyzed Hydrolysis
Persistence of Headwater Check Dams in a	CALIFORNIA UNIV. DAVIC COLL OF	Products of the Systemic Fungicide, Benomyl,
Trout Stream.	CALIFORNIA UNIV., DAVIS. COLL. OF AGRICULTURAL AND ENVIRONMENTAL	W74-01504 7-03 5B
W74-01566 7-03 2I	SCIENCES.	Photodecomposition of P-Chlorophenoxyacetic
	Direct Measurement of Water Movement in the	Acid.
Prescribed Fire Effects on Water Repellency,	Zone of Aeration.	W74-03583 7-07 5B
Infiltration and Retention in Mixed-Conifer	W74-08256 7-16 2G	111 03303
Litter, Duff and Soil, W74-02442 7-05 4C		Photodecomposition of 2,4,5-Trichlorophenox-
W 74-02442 7-03 4C	CALIFORNIA UNIV., DAVIS. DEPT. OF	yacetic Acid (2,4,5-T) in Water,
CALIFORNIA UNIV., BERKELEY. SCHOOL OF	AGRICULTURAL ECONOMICS.	W74-03585 7-07 5B
PUBLIC HEALTH.	A Simulation Approach to Recreation Planning	Determination of Constalling Acid
Public Response to Desalted Sea Water,	(A Case of Changing Quality),	Determination of Cacodylic Acid
W74-09171 7-17 6D	W74-06996 7-13 6B	(Hydroxydimethylarsine Oxide) by Gas Chro- matography,
Public Use and Evaluation of Reclaimed	An Annotated Bibliography for Economic	W74-05448 7-11 5A
Water,	Evaluations of the Aquaculture of Selected	W 14-03440
W74-11878 7-22 5D	Crustaceans and Mollusks,	Photodecomposition of Chlorinated Biphenyls
W/+116/6 /-22 3D	W74-09067 7-17 10C	and Dibenzofurans,
CALIFORNIA UNIV., BERKELEY. SEA WATER		W74-06125 7-12 5B
CONSERVATION LAB.	Water Supplies and Cost in Relation to Farm	CALIFORNIA NAME DANIE DERE OF
Saline Water Conversion Research, 1972 An-	Resource Use Decisions and Profits on Sacra-	CALIFORNIA UNIV., DAVIS. DEPT. OF
nual Report.	mento Valley Farms,	GEOLOGY. Scientific Information in the Decision to Dam
W74-01049 7-02 3A	W74-11568 7-22 3F	Glen Canyon.
CALIFORNIA UNIV., BERKELEY. SPACE	CALIFORNIA UNIV., DAVIS, DEPT. OF	W74-05925 7-11 6G
SCIENCES LAB.	BACTERIOLOGY.	W 14-03723
ERTS-1 Imagery and High Flight Photographs	Effects of Calcium and Magnesium Ions and	CALIFORNIA UNIV., DAVIS. DEPT. OF
as Aids to Fire Hazard Appraisal at the NASA	Host Viability on Growth of Bdellovibrios,	HISTORY.
San Pablo Reservoir Test Site,	W74-00625 7-02 5C	A Case Study in Interstate Resource Manage-
W74-01681 7-04 4A		ment: The California-Nevada Water Con-
Application of Real Time Mass Spectrometric	CALIFORNIA UNIV., DAVIS. DEPT. OF	troversy, 1955-1968,
Application of Real-Time Mass Spectrometric Techniques to Environmental Organic	BOTANY.	W74-10083 7-19 6E
Geochemistry. II. Organic Matter in San Fran-	Desert Dogma Reexamined: Root/Shoot	CALIFORNIA UNIV., DAVIS. DEPT. OF
cisco Bay Area Water,	Productivity and Plant Spacing, W74-01585 7-03 2I	IRRIGATION.
W74-09742 7-18 5A	W 74-01363 7-03 21	Modified Solutions for Decreasing Discharge
*	CALIFORNIA UNIV., DAVIS. DEPT. OF	Wells,
Organic Analyses of Black Sea Cores,	BOTANY; AND DURHAM UNIV. (ENGLAND).	W74-00932 7-02 8B
W74-12389 7-23 2J	DEPT. OF BOTANY.	
CALIFORNIA UNIV., BERKELEY. WATER	Arrangement and Structure of Thylakoids,	CALIFORNIA UNIV., DAVIS. DEPT. OF
RESOURCES CENTER.	W74-12565 7-23 5C	NEMATOLOGY.
Ocean and Water Resources Engineering Re-		Persistence and Movement of DBCP in Three
ports College of Engineering University of	CALIFORNIA UNIV., DAVIS. DEPT. OF	Types of Soil, W74-12310 7-23 5B
California Berkeley.	CHEMISTRY. The Vanadium and Selected Metal Contents of	W 74-12310 7-23 3B
W74-05707 7-11 10C	Some Ascidians,	CALIFORNIA UNIV., DAVIS. DEPT. OF
	W74-11353 7-21 5A	PHYSICS.
CALIFORNIA UNIV., BODEGA BAY. BODEGA	W14-11555	The Estimation of Vertical Eddy Diffusivities
MARINE LAB. Deposition of DDE and Polychlorinated	CALIFORNIA UNIV., DAVIS. DEPT. OF CIVIL	Below the Thermocline in Lakes,
Biphenyls in Dated Sediments of the Santa Bar-	ENGINEERING.	W74-07416 7-14 2H
bara Basin,	Characterization and Treatability of Pomace	CALIFORNIA UNIV. DAVIC DERE OF
W74-09097 7-17 5B	Stillage,	CALIFORNIA UNIV., DAVIS. DEPT. OF
	W74-01325 7-03 5A	POLITICAL SCIENCE. The Environmental Impulse and its Competi-
CALIFORNIA UNIV., CARMEL VALLEY.	Borehole Recharge: The Compatability of	tors: Attitudes, Interests, and Institutions at
HASTINGS NATURAL HISTORY	Recharge Water With the Aquifer,	Lake Tahoe,
RESERVATION.	W74-03822 7-08 4B	W74-06843 7-13 6E
Xylem Sap Tension in Three Woodland Oaks of Central California,	7-06 45	
W74-13035 7-24 2I	Introduction to Simulation Techniques,	CALIFORNIA UNIV., DAVIS. DEPT. OF
7-24 21	W74-05391 7-10 5G	POLITICAL SCIENCE; AND CALIFORNIA
CALIFORNIA UNIV., DAVIS.		UNIV., DAVIS. DIV. OF ENVIRONMENTAL
Continued Recycling of Cattle Manure,	CALIFORNIA UNIV., DAVIS. DEPT. OF	STUDIES.
W74-00424 7-01 5D	ELECTRICAL ENGINEERING.	Environmental Protection and Administrative

Digital Enhancement of Multispectral MSS
Data for Maximum Image Visibility,
W74-06654
7-13 7C

7-12 5D

Organics, W74-05974

7-19 6E

Change in State Water Management in the Pacific Coast States,

W74-09951

CALIFORNIA UNIV., DAVIS. DEPT. OF POMOLOGY.

CALIFORNIA UNIV., DAVIS. DEPT. OF POMOLOGY.	A Data Acquisition System for Transient Porous Media Experiments in a Sector Tank,	CALIFORNIA UNIV., LIVERMORE. Shock-Wave Studies of Ice and Two Frozen
Calcium-Magnesium-Potassium Equilibria in Some California Soils,	W74-09887 7-19 2F	Soils, W74-04378 7-09 2C
W74-08814 7-17 2G	Soil Water Content: Microwave Oven Method, W74-10206 7-19 2G	
CALIFORNIA UNIV., DAVIS. DEPT. OF SOILS		CALIFORNIA UNIV., LIVERMORE. LAWRENCE LIVERMORE LAB.
AND PLANT NUTRITION.	Increase in Conductivity of Irrigation Water During Sprinkling,	Aquatic and Atmospheric Simulation,
Nitrogen Transformations During Continuous Leaching,	W74-12966 7-24 3F	W74-02003 7-04 5E
W74-07623 7-15 5B	CALIFORNIA UNIV., DAVIS. DEPT. OF	Environmental Aspects of Natural Gas Stimu-
Factors Affecting Nitrification-Denitrification	ZOOLOGY.	lation Experiments with Nuclear Devices, W74-05184 7-10 5E
in Soils,	The Influence of Eutrophic Lake Sediments on	W /4-03184 /-10 3E
W74-12882 7-24 5D	the Growth of Different Planktonic Algae, W74-02956 7-06 5C	Gamma-Emitting Radionuclides in Alaskan En
CALIFORNIA UNIV., DAVIS. DEPT. OF		vironments 1967-1970, W74-05187 7-10 5E
WATER SCIENCE AND CIVIL ENGINEERING. Hydrodynamics of Surface Irrigation-Advance	CALIFORNIA UNIV., DAVIS. DIV. OF ENVIRONMENTAL STUDIES.	
Phase,	Environmental Impact and Water Develop-	Recent Measurements of Cesium-137 in Re sidence Time in Alaskan Vegetation,
W74-08384 7-16 8B	ment,	W74-05188 7-10 5E
CALIFORNIA UNIV., DAVIS. DEPT. OF	W74-05619 7-11 6G	A Review of Soviet Data on the Peaceful Use:
WATER SCIENCE AND ENGINEERING. Response of Aquatic Life to Salinity, Tempera-	CALIFORNIA UNIV., DAVIS. INST. OF	of Nuclear Explosions,
ture, Dissolved Oxygen, and Water Flow,	Preparation of Filtered Plankton and Detritus	W74-06823 7-13 6E
W74-00721 7-02 5C	for Study with Scanning Electron Microscopy,	Project Rio Blanco Spall Measurements Data
Potential Usefulness of Antitranspirants for	W74-05320 7-10 5A	Report, W74-07797 7-15 4F
Solution of Some Water Supply, Plant Growth,	Limnological Studies and Remote Sensing of	W74-07797 7-15 4E
and Environmental Problems, W74-01105 7-03 3B	the Upper Truckee River Sediment Plume in Lake Tahoe, California-Nevada,	Ge(Li) Low Level in Situ Gamma-Ray Spec
	W74-08302 7-16 2J	trometer Applications, W74-08886 7-17 5A
Functions to Predict Effects of Crop Water Deficits,	CALIFORNIA UNIV., DAVIS. INST. OF	
W74-02680 7-06 3F	GOVERNMENTAL AFFAIRS.	Modeling Radiation Exposure to Population from Radioactivity Released to the Environ
Use of Sprinklers to Study the Influence of	From Resort Area to Urban Recreation Center:	ment,
Population Density Upon Seed Cotton Produc-	Themes in the Development of Lake Tahoe 1946-1956,	W74-11655 7-22 51
tion in an Arid Area, W74-04133 7-08 3F	W74-00441 7-01 6B	Environmental Levels of Radioactivity in the
	Constructing Nonlinear Dynamic Models for	Vicinity of the Lawrence Livermore Laborato ry - 1973 Annual Report,
Drainage Design as Influenced by Conditions in the Vicinity of the Drain Line,	Socio-Environmental Decisionmaking: A	W74-11660 7-22 51
W74-04200 7-08 4A	Methodology, W74-03501 7-07 6A	High-Pressure Mechanical Properties o
Changes in Enzymes in the Plant as Related to		Kayenta Sandstone,
Water Supply and Usage,	CALIFORNIA UNIV., DAVIS. LAB. OF PLANT- WATER RELATIONS.	W74-11662 7-22 81
W74-04306 7-09 2I	Plant Responses to Water Stress,	Cost and Feasibility of Stimulating Tight Ga
Numerical and Analytical Solutions of Disper-	W74-04539 7-09 2I	Reservoirs with Chemical Explosives,
sion in a Finite, Adsorbing Porous Medium, W74-05334 7-10 5B	CALIFORNIA UNIV., DAVIS. WATER	W74-11663 7-22 8B
I in ti- I Dii- i- C I D	RESOURCES CENTER.	The Interagency Conference on the Environ
Longitudinal Dispersion in Saturated Porous Media,	Water Resources Center Annual Report, July 1, 1972-June 30, 1973.	ment - A Post-Conference Survey, W74-13118 7-24 60
W74-05832 . 7-11 5B	W74-09659 7-18 9A	
Nitrogen Transformations in Soil During	CALIFORNIA UNIV., IRVINE.	Kra Canal Project: A Preliminary Assessmer of Nuclear Excavation Feasibility for Rout
Leaching: I. Theoretical Considerations, W74-07619 7-15 5B	Effect of Phosphorus Removal Processes on	5A,
W74-07619 7-15 5B	Algal Growth,	W74-13119 7-24 81
Nitrogen Transformation in Soil During	W74-04552 7-09 5C	New Energy Technology Research an
Leaching: II. Steady State Nitrification and Nitrate Reduction,	Instrumental Neutron Activation Analysis of	Development: A Rationale for Setting Prior
W74-07620 7-15 5B	Lead Matrices for Mercury, W74-11373 7-21 5A	ties, W74-13123 7-24 6
Nitrogen Transformations in Soil During	CALIFORNIA UNIV., IRVINE. DEPT. OF	
Leaching: III. Nitrate Reduction in Soil	CHEMISTRY.	CALIFORNIA UNIV., LOS ANGELES. Calcium Sulfate Scale Control in High Tem
Columns, W74-07621 7-15 5B	Results from Multi-Trace-Element Neutron Ac-	perature Desalting Processes,
	tivation Analyses of Marine Biological Specimens.	W74-01926 7-04 3.
Flood and Seepage Water Sampling Techniques in Rice Fields Under Different Water Manage-	W74-10049 7-19 5A	Characteristics of Sedimentary Environment
ment Practices,	CALIFORNIA UNIV., IRVINE. SCHOOL OF	in Moriches Bay, W74-03707 7-07 2
W74-08090 7-15 5B	ENGINEERING.	
Water-Table Fluctuation in Response to	Hydrodynamics of Artificial Groundwater	Spontaneous Vegetation of the Murray Spring
Recharge, W74-09409 7-18 2F	Recharge (Saturated Flow Theory), W74-03091 7-06 4B	Area, San Pedro Valley, Arizona, W74-03927 7-08

Hydrodynamics of Artificial Groundwater

7-23 4B

Application of a Large Scale Nonlinear Programming Problem to Pollution Control, W74-07461 7-14 5D

grams, W74-09476

Functions to Predict Optimal Irrigation Pro-

Recharge, 7-18 3F W74-12195

CALIFORNIA UNIV., RIVERSIDE, DEPT. OF ENTOMOLOGY

The Future of the Urban Habitat, CALIFORNIA UNIV., LOS ANGELES. DEPT. Lead Detection in Living Plant Tis		
	sue Usin	ng a
W74-09413 7-18 6E OF PHARMACOLOGY. New Histochemical Method, A Multiple Specific Ion Detector and Analog W74-07711	7-15	5A
The Integration of System Identification and Data Processor For a Gas Chromatograph		
System Optimization, Quadrupole Mass Spectrometer System, A Groundwater Quality Model: A F W74-11042 7-21 6A W74-03580 7-07 2K puter Simulation, W74-10352	7-20	
CALIFORNIA UNIV., LOS ANGELES. DEPT. CALIFORNIA UNIV., LOS ANGELES. DEPT.		
OF BACTERIOLOGY. OF PLANETARY AND SPACE SCIENCE. Systems Analysis of a Multi-Sta Module Reverse Osmosis Plant for		
Caldarium in Soil, Flood Decay and Its Relationship to Long- W74-12777 7-24 5B Term Discharge Frequency Distribution, W74-11039	7-21	
W74-04806 7-09 4A		
CALIFORNIA UNIV., LOS ANGELES. DEPT. OF BIOLOGY. CALIFORNIA UNIV., LOS ANGELES. DEPT. Simulation of the Diffusion of Dis in Aquifers.	solved S	Salts
Lead Concentrations in the Wooly Sculpin OF SYSTEMS ENGINEERING. W74-12594	7-23	5B
Clinocottus Analis, Collected from Tidepools of California, Identification of Parameters in an Inhomogeneous Aquifer by Use of the Maximum Principle CALIFORNIA UNIV., LOS ANGELES	SCHO	IOI
W74-12515 7-23 5B of Optimal Control and Quasi-Linearization, OF ENGINEERING AND APPLIED S	CIENCE	
W74-12308 7-23 2F Optimal State Analysis of Reservoir W74-05167 W74-05167	7-10	6A
OF COMPUTER SCIENCE. CALIFORNIA UNIV., LOS ANGELES. INST. OF		
Environmental Systems, Lake Powell Research Project: Hydrologic OF LAW.	s. scho	OL
W74-02684 7-06 6A Research, Indian Water Rights: Legal Varia	bles in	Re-
CALIFORNIA UNIV., LOS ANGELES. DEPT.	7-11	6E
OF ENGINEERING SYSTEMS. CALIFORNIA UNIV., LOS AND DI ANGELES, INST. OF		
W74-00188 7-01 4A C 18-Isoprenoid Ketone in Recent Marine Sedi-	s. scho	OL
Optimal Allocation of Artificial Aeration Along ment, W74-01301 7-03 5A Measurement and Management Water Torical acts. The Medium Property of the Company of the Measurement and Management and Mana		
a Polluted Stream Using Dynamic Pro- Nitrogen/Argon Ratios by Difference Thermal Mixed Residential and Wildness Ar		ed a
gramming. W74-09950 W74-09950	7-19	5B
Linear Programming and Channel Flow		
Identification, W74.01277 7.03 8P CALIFORNIA UNIV., LOS ANGELES. LAB. OF Nonlinear Efficient Charges, NUCLEAR MEDICINE AND RADIATION W74-00886	7-02	5G
Optimal Planning for a Thermal Discharge BIOLOGY. Some Characteristics of Soil and Perennial Isotope Fractionation of N-15 a	nd N-1	4 in
Treatment System. Vegetation in Northern Mojave Desert Areas Microbiological Nitrogen Transform	rmations	s: A
W74-05933 7-11 5D of the Nevada Test Site, Theoretical Model, W74-02024 7-04 5B W74-01541	7-03	5B
Earthquake Damage Costs in the Design of Persistence of Radionuclides in Soil, Plants, Economic Policies, Environmenta	l Proble	ems
WALOSQUE 7.15 4A and Small Mammals in Areas Contaminated and Land Use,		
with Radioactive Fallout, W/4-0941/	7-18	6B
Cuality Degradation of Dairy Wash		
W74-08153 7-16 4A Cycling of Stable Cesium in a Desert W74-10147	7-19	5B
CALIFORNIA UNIV., LOS ANGELES, DEPT. W74-05195 7-10 5B CALIFORNIA UNIV., RIVERSIDE. C		
OF ENVIRONMENTAL HORTICULTURE. CALIFORNIA UNIV., LOS ANGELES, OFFICE RESEARCH CENTER AND AGRICU	LTURA	L
Boron Release from Deionizers, W74.08873 7.17 SB OF ENVIRONMENTAL SCIENCE AND Effect of Flooding on the Twosp		
CALIFORNIA UNIV. LOS ANGELES DEPT. Possible Effects of Ionizing Radiation Upon Southern California.	rawberry	y in
OF GEOGRAPHY. Marine Life and Some Implications of Postu-	7-03	3F
The utilization of the Namib Desert, Southwest Africa, W74-09871 7-19 5C Evaluation of Remote Sensing in	Contro	ol of
W74.66483 7.12 4A CALIFORNIA UNIV. LOS ANCELES BURLIC		
ADMINISTRATION PROGRAM.	7-04	3F
Shorezone Geometry and Texture, Point Mugu, Relationships.	DEPT. O	F
California, W74-07963 7-15 6D Beauty and Thomas Talence	ice of I	Phyl-
CALIFORNIA UNIV., LOS ANGELES, SCHOOL lopod Crustacea Triops longica	udatus	and
CALIFORNIA UNIV., LOS ANGELES. DEPT. OF ARCHITECTURE AND URBAN PLANNING. Thamnocephalus platyurus Inhab	iting D	esert
Beach Cusps: Response to Plateau's Rule, tional Confrontation, W74-03090	7-06	2H
W74-03460 7-07 2J W74-09421 7-18 6E Sterile Culture Techniques for Sp	ecies of	f the

CALIFORNIA UNIV., LOS ANGELES. SCHOOL

OF ENGINEERING AND APPLIED SCIENCE. Saline Water Research, Progress Summary, January 1, 1972 - December 31, 1972. 7-02 3A

Boundary Contractions as Controls in Two-Layer Flows,

Carbonate Compensation Depth: Relation to

Carbonate Solubility in Ocean Waters, W74-08582 7-16 2K

Wave Propagation in Continuous Random

7-10 2J

W74-01276

CALIFORNIA UNIV., LOS ANGELES. DEPT.

OF MATHEMATICS.

Media,

W74-05041

7-18 5G

7-07 5A

Rotifer Asplanchna,

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF

Aquatic Midge Larvicides, Their Efficacy and

Residues in Water, Soil, and Fish in a Warm-

W74-03316

ENTOMOLOGY.

Water Lake,

W74-09443

7-03 8B

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF GEOGRAPHY.

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF GEOGRAPHY.	Growth, Mineral Composition, and Seed Oil of Sesame (Sesamum Indicum L.) as Affected by	A Study of Plankton Dynamics and Nutrient Cycling in the Central Gyre of the North
Semi-Automatic Crop Inventory from Sequential ERTS-1 Imagery,	NaCl, W74-08816 7-17 3C	Pacific Ocean, W74-03561 7-07 5B
W74-01666 7-04 3F	Waste Accumulation on a Selected Dairy Cor-	Temperature and Phytoplankton Growth in the
A New Fault Lineament in Southern Califor-	ral and Its Effect on the Nitrate and Salt of the	Sea,
nia, W74-02570 7-05 7B	Underlying Soil Strata, W74-08921 7-17 5B	
Land Use in Northern Coachella Valley, W74-06624 7-13 4A	Salt Tolerance of Mexican Wheat: I. Effect of NO3 and NaCl on Mineral Nutrition, Growth, and Grain Production of Four Wheats,	Laboratory Culture, Growth Rate, and Feeding Behavior of a Planktonic Marine Copepod, W74-08732 7-17 2I
ERTS-1 Image Enhancement by Optically Combining Density Slices,	W74-10328 7-19 3C	Growth Rates of Marine Phytoplankton: Cor- relation with Light Absorption by Cell
W74-06655 7-13 7C	Long-Term Effects of Irrigation-Salinity Management on a Valencia Orange Orchard,	Chlorophyll A., W74-08742 7-17 5C
Assessment of Southern California Environ- ment From ERTS-1.	W74-10420 7-20 3C	CALIFORNIA UNIV., SANTA BARBARA.
W74-06685 7-13 4A	Growth, Mineral Composition, and Seed Oil of	Solution of Equation for Vertical Unsaturated
CALIFORNIA UNIV., RIVERSIDE. DEPT. OF	Sesame (Sesamum indicum L.) as Affected by Boron and Exchangeable Sodium,	Flow of Soil Water, W74-06736 7-13 2G
PLANT SCIENCES. Ecological and Physiological Implications of	W74-11278 7-21 3C	Determination of Oil Loss Rates from a High
Greenbelt Irrigation, W74-06608 7-13 5D	CALIFORNIA UNIV., RIVERSIDE. DEPT. OF SOIL SCIENCE AND AGRICULTURE.	Seas Oil Containment Barrier, W74-08290 7-16 5G
Ecological and Physiological Implications of	The Sealing Mechanism of Wastewater Ponds, W74-13299 7-24 5D	Growth and QualityTechnology's Dilemma. 2.
Greenbelt Irrigation with Reclaimed Water,	CALIFORNIA UNIV., RIVERSIDE. DEPT. OF	Ecology and Growththe Tragic Insight,
W74-12895 7-24 5D	STATISTICS.	W74-12778 7-24 6B
CALIFORNIA UNIV., RIVERSIDE. DEPT. OF SOIL SCIENCE AND AGRICULTURAL	Approximating Discrete Distributions, with Applications,	CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF ECONOMICS.
ENGINEERING.	W74-04892 7-10 7C	A General Procedure for Consumption-Density
Oxidation of Polychlorinated Biphenyls by Achromobacter pCB,	CALIFORNIA UNIV., RIVERSIDE. DEPT. OF WATER SCIENCE AND ENGINEERING.	Studies, W74-04040 7-08 6D
W74-00632 7-02 5B	Water Production Functions and Irrigation Pro-	Efficiency and Equity in Augmenting Water
Tensiometer Use in Shallow Ground-Water	gramming for Greater Economy in Project and Irrigation System Design and for Increased Ef-	Supply, W74-09051 7-17 6B
Studies, W74-06343 7-12 4B	ficiency in Water Use, W74-03920 7-08 3F	
Sludge Disposal to Land,		CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF GEOLOGY.
W74-06950 7-13 5B	CALIFORNIA UNIV., RIVERSIDE. INST. OF GEOPHYSICS AND PLANETARY PHYSICS.	Dams and Beach-Sand Supply in Southern California.
Portable Reflectance Meter for Estimating	Feasibility Study for Development of Hot- Water Geothermal Systems,	W74-03708 7-07 2J
Chlorophyll Concentrations in Leaves, W74-07437 7-14 7B	W74-13213 7-24 4B	CALIFORNIA UNIV., SANTA BARBARA. DEPT.
Nitrate Concentrations in the Unsaturated	CALIFORNIA UNIV., SAN DIEGO.	OF MECHANICAL ENGINEERING. Parameter Identification in Field Problems.
Zone Beneath Irrigated Fields in Southern California,	The History of Drip Irrigation, W74-10739 7-20 3F	W74-07428 7-14 7C
W74-07445 7-14 5G	CALIFORNIA UNIV., SAN DIEGO, LA JOLLA.	CALIFORNIA UNIV., SANTA BARBARA.
Anion Adsorption by Allophanic Tropical Soils: I. Chloride Adsorption,	Germanium Incorporation into the Silica of Diatom Cell Walls,	GEOGRAPHY REMOTE SENSING UNIT. Land Use Investigations in the Central Valley
W74-07634 7-15 2G	W74-03280 7-07 5C	and Central Coastal Test Sites, California, W74-06623 7-13 4A
Anion Adsorption by Allophanic Tropical Soils:	CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF CHEMISTRY.	CALIFORNIA UNIV., SANTA BARBARA.
II. Sulfate Adsorption, W74-07635 7-15 2G	Nitrogen Fixation by Anabaena cylindrica. I.	MARINE SCIENCE INST. Report on the Composition of Oil from the Re-
Anion Adsorption by Allophanic Tropical Soils:	Localization of Nitrogen Fixation in the Heterocysts,	gion of New Hydrocarbon Upwelling in the
III. Phosphate Adsorption,	W74-00713 7-02 5C	Santa Barbara Channel, W74-04919 7-10 5A
	CALIFORNIA UNIV., SAN DIEGO, LA JOLLA.	CALIFORNIA UNIV., SANTA BARBARA.
Contribution to Water Pollution from Agricul- tural and Urban Sources in the Coachella Val-	INST. OF GEOPHYSICS AND PLANETARY PHYSICS.	MARINE SCIENCES INST. Economics of Marine Resources Decision
ley, W74-07757 7-15 5B	Waves at Camp Pendleton, California, W74-04607 7-09 2E	Model,
Effects of Drainage and Organic Amendments	CALIFORNIA UNIV., SAN DIEGO, LA JOLLA.	W74-01837 7-04 6A
on the Reclamation of a Sodic Soil Cropped	INST. OF MARINE RESOURCES.	CALIFORNIA UNIV., SANTA CRUZ. EARTH SCIENCE BOARD.
With Rice, W74-08087 7-15 3C	Determination of Vitamin B12, Thiamine and Biotin in Lake Tahoe Waters Using Modified	The Occurrence of Glauconite in Monterey
Effects of Straw, Calcium Chloride, and Sub-	Marine Bioassay Techniques, W74-02118 7-04 5C	Bay, California, Diversity, Origins, and Sedi- mentary Environmental Significance,
mergence on a Sodic Soil, W74-08274 7-16 2G	Regressions Between Biological Oceanographic	W74-10370 7-20 2L
, 10 20		0.1.00.11.0000 BURNING ALE

Regressions Between Biological Oceanographic Measurements in the Eastern Tropical Pacific and Their Significance to Ecological Efficien-

7-07 5B

CALSPAN CORP., BUFFALO, N.Y.

W74-00164

A Promising Approach to Solving a Stream Pollution Problem,

7-01 5D

7-16 5B

cy, W74-03559

Increased Denitrification in Soils by Additions

of Sulfur as an Energy Source,

W74-08322

CAMP, DRESSER AND MCKEE, BOSTON,

Glue Treatment-Pick a Way,

ENGINEERING LAB.

W74-12143

An Investigation of the Optional On-Line Control of a Water Supply Network,

CAPRICORN INDUSTRIAL SERVICES, LTD., LONDON (ENGLAND).

An Improved Method for Determination of

W74-00165 7-01 5	MASS. Cost Effectiveness of Current Environmental	Trace Quantities of Phenols in Natural Waters, W74-12930 7-24 5A
Water Chemistry of Ellicott Creek, Weste		W/4-12930 /-24 JA
New York,	W74-02225 7-05 5D	Mirex: An Unrecognized Contaminant of
W74-00166 7-01	Leachate Treatment by Coagulation and	Fishes from Lake Ontario, W74-12990 7-24 5A
Treatment of Tannery Effluents by Physic	1- Precipitation,	
Chemical Processes,	W74-08091 7-15 5D	Are the Great Lakes Threatened,
W74-02175 7-05	All Costs Must be Counted ,	W74-13218 7-24 5G
Mathematical Relationships of BOD Remov	W74 00211 7 16 SD	Program Will Control Pollution from Water-
in Activated Sludge Process,		craft.
W74-02176 7-05	Factors in Regional Assessment of Wastewater Reuse.	W74-13295 7-24 5B
	W74-10016 7-19 5D	
Cost Effectiveness in Pollution ControlTre	t-	CANADA CENTRE OF INLAND WATERS,
ment of Glue Factory Wastes by Carbon A		BURLINGTON (ONTARIO). Strontium-90 and Cesium-137 in Water and
sorption System,	Mill Complex, D W74-11104 7-21 5D	Deep Sediments of the Great Lakes,
W74-02177 7-05	D W74-11104 7-21 5D	W74-05208 7-10 SC
An Investigation of the Physical Effects	of CAMP, DRESSER AND MCKEE, INC.,	
Thermal Discharges into Cayuga Lake,	PASADENA, CALIF.	CANADA PACKERS LTD., TORONTO
W74-02178 7-05	B Disposal of Brine into An Estuary,	(ONTARIO). RESEARCH AND DEVELOPMENT
7 0'- m	W74-02735 7-06 5B	LABS. Analysis of Alkyl Ethoxylates by NMR,
In Situ Treatment Methods for Hazardo	CAMP, DRESSER AND MCKEE	W74-02408 7-05 5A
Material Spills, W74-02179 7-05	INTERNATIONAL, INC., BOSTON, MASS.	703 311
1-03	Municipal Wastewater Reclamation and Reuse,	CANADA STARCH CO. LTD., MONTREAL
Persistent Sea-Foam Masses A Proble	m W74-08461 7-16 5D	(QUEBEC).
Solved,	CAMP, DRESSER MCKEE, BOSTON, MASS.	A Starch-Free Effluent Program for Corrugat-
W74-02180 7-05	B Cost Effectiveness of Current Environmental	ing Plants, W74-05250 7-10 5B
Surface Quality Assessment of Natural Bod	Engineering Practices,	W 74-03230 7-10 3B
of Water,	W74-05633 7-11 5G	CANADAIR LTD., MONTREAL (QUEBEC).
W74-02181 7-05	A CAMPBELL INST. FOR FOOD RESEARCH,	Liquid Treatment Plant and Process, Particu-
	CAMDEN, N.J.	larly for Waste Water,
Organic Films on Natural Waters: Th	active contraction on the interpretation of	W74-05906 7-11 5D
Retrieval, Identification, and Modes		CANADIAN PULP AND PAPER ASSOCIATION,
Elimination, W74-02182 7-05	proved Salmonella Isolation, A W74-00617 7-02 5A	MONTREAL (QUEBEC).
W 74-02102	A #74-00017 7-02 3A	Impact of Pollution Abatement on Capital Allo-
An Investigation of the Microphysical a		cation and Profitability,
Micrometeorological Properties of Sea F	g, WATAGHIN INST. OF PHYSICS.	W74-12426 7-23 5G
First Summary Report, Project Sea Fog,	Novel Method of Raman Data Acquisition, W74-01330 7-03 2K	CANADIAN WILDLIFE SERVICE, EDMONTON
W74-09406 7-18	B W/4-01330	(ALBERTA).
CALSPAN CORP., BUFFALO, N.Y. (ASSIGNE	CANADA CENTRE FOR INLAND WATERS,	Mercury in Aquatic Birds at Clay Lake,
Process of Dewatering Sewage Sludge a	BURLINGTON (ONTARIO).	Western Ontario,
Converting the Same to a Useable Product,	Determination of Pentachlorophenol in Natural and Waste Waters,	W74-12717 7-23 5C
W74-10445 7-20	D W74-07385 7-14 5A	CANADIAN WILDLIFE SERVICE,
	111 311	SASKATOON (SASKATCHEWAN).
CAMBRIDGE UNIV. (ENGLAND). DEPT. OF	Coliforms are an Inadequate Index of Water	Vegetation Changes in Shallow Marsh Wet-
ENGINEERING. Stability of Laminar Flow at Seabed,	Quality,	lands Under Improving Moisture Regime,
W74-10220 7-19	W74-07885 7-15 5A	W74-12682 7-23 21
1-19	Microbial Degradation of Crude Oil and the	Estimation of Area and Circumference of Small
CAMBRIDGE UNIV. (ENGLAND). DEPT. OF	Various Hydrocarbon Derivatives,	Wetlands,
GEOGRAPHY.	W74-08620 7-16 5B	W74-13033 7-24 2A
A Scanning Electron Microscope Study of S		
face Textures of Quartz Grains from Glac Environments,	Metals in Lake Water,	CANTERBURY UNIV., CHRISTCHURCH (NEW
W74-07331 7-14	2I W74-09896 7-19 5A	ZEALAND). DEPT. OF ZOOLOGY. Taxonomic Position of Two Lumbrineris Spp.,
7-14	Vertical Entrainment into the Epilimnia of	W74-07568 7-14 2L
A Note on the Remarkably Low Rainfall of	he Stratified Lakes,	
Sudan Zone in 1913,	W74-10803 7-20 5C	CAPE TOWN UNIV. (SOUTH AFRICA).
W74-08759 7-17	2B Some Characteristics of Nearshore Currents	The Protection of Maritime Environment by
CAMBRIDGE UNIV. (ENGLAND). DEPT. OF	Along the North Shore of Lake Ontario,	the Courts of Third States: Some Difficulties,
ZOOLOGY.	W74-11898 7-22 2H	W74-10521 7-20 6E
The Intertidal Lamellibranches of Southamp	on	CAPE TOWN UNIV. (SOUTH AFRICA). DEPT.
Water, With Particular Reference	to Interfacila Shear Stress in Density Wedges, W74-12096 7-23 8B	OF BOTANY.
Cerastoderma Edule and C. Glaucum,		Comparative Transpiration Studies of Some
W74-13474 7-24	Reactation in Open-Channel Flow,	Cape Proteas,
CAMBRIDGE UNIV. (ENGLAND).	W74-12099 7-23 5G	W74-02908 7-06 2I

A Computer Simulation of the Motion of a Solid Particle in a Turbulent Flow with Free

7-23 8B

Surface,

W74-12106

7-23 4A

7-16 5D

CAPRICORN INDUSTRIAL SERVICES, LTD.,

LONDON (ENGLAND). Small Balls Repeal Smell,

W74-08201

CARBONDALE DEPT. OF PUBLIC V	VORKS, IL	L.
CARBONDALE DEPT. OF PUBLIC	works,	
ILL. Fourth Annual Report, City of C	arbandala	11
linois, Water and Wastewater Tre		, 11-
W74-02328	7-05	5D
CARIBBEAN RESEARCH INST., S	т. тном	AS,
VIRGIN ISLANDS. Environment, Water and S	edimente	of
Christiansted Harbor, St. Croix,	cuments	Oi
W74-06292	7-12	5C
Fish Poisoning in the Eastern Car	ibbean,	
W74-12772	7-24	5C
CARLETON UNIV., OTTAWA (ON Thermal Disturbance Due to Che Mackenzie Delta, N.W.T., Canad	annel Shift	
W74-04351	7-09	20
CARLETON UNIV., OTTAWA (ON	TARIO).	
DEPT. OF BIOLOGY.		
Lethality and Behavioral Sympt		
by Some Organophosphorous (the Snail (Helix Aspersa).	Compound	s ii
W74-11483	7-22	50
CARLETON UNIV., OTTAWA (ON	TARIO).	
DEPT. OF CHEMISTRY.		
Ligand Photooxidation in Cop	per (II) C	om-
plexes of Nitrilotriacetic Acid. In	mplications	for
Natural Waters,		
W74-01400	7-03	5E
CARNEGIE INSTITUTION OF WA	SHINGTO	N,
WASHINGTON, D.C.		
Land-Use Institutions in the W		
timore Region-A Mirror for	Metropo	litai
America, W74-09414	7-18	6 E
CARNEGIE-MELLON UNIV., PIT	TSBURGH	
PA.		,
Non-int Months Total	f T	21

Numerical Marching Techniques for Fluid Flows with Heat Transfer, W74-05128 7-10 8B

CARNEGIE-MELLON UNIV., PITTSBURGH, PA. DEPT. OF CIVIL ENGINEERING. Riverine Recreational Development--Mathe-

matical Modeling, W74-05958 7-12 5B

CARNEGIE-MELLON UNIV., PITTSBURGH, PA. DEPT. OF MECHANICAL ENGINEERING. Water Treatment System, W74-07979 7-15 5F

CARNEGIE-MELLON UNIV., PITTSBURGH, PA. GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION.

Health Effects of Electricity Generation from Coal, Oil, and Nuclear Fuel, W74-04184 7-08 5C

CARNEGIE-MELLON UNIV., PITTSBURGH, PA. MELLON INST. OF SCIENCE.

Problems in Phenolics-Modeling Methods in the Ohio River at Wheeling, W. Va., W74-03849 7-08 5A

CAROLLO (JOHN) ENGINEERS, WALNUT CREEK, CALIF.

The Direct Reuse of Reclaimed Wastewater: Pros, Cons, and Alternatives, W74-11153 7-21 5D

CARPENTER TECHNOLOGY CORP., SAN DIEGO, CALIF.

Finding Answers to Corrosion Problems, W74-07863 7-15 8G

CARTER (RALPH B.) CO., HACKENSACK, N. J. ASSIGNEE.

Waste Water Process Tank Control Facility, W74-07216 7-14 5D

CARTIERA DEL TIMAVO, TRIESTE (ITALY).

A Study of the Effluent Treatment from an Italian Paper Mill,
W74-12425 7-23 5D

CASE WESTERN RESERVE UNIT., CLEVELAND, OHIO. URBAN AND ENVIRONMENTAL STUDIES.

University Students Implement Public Policy Rural Community Action with a Water Development Project, W74-09557 7-18 5G

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO.

Turbulent Fluid Friction of Rotating Disks,
W74-01640 7-03 8C

Desalination Membranes from Built-Up Multilayer Films,
W74-11636 7-22 3A

CASE WESTERN RESERVE UNIV.,

CLEVELAND, OHIO. DEPT. OF GEOLOGY.
Oxidation Effect on the Analysis of Iron in the
Interstitial Water of Recent Anoxic Sediments,
W74-11379 7-21 5B

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. DEPT. OF SYSTEMS ENGINEERING.

Modeling and Management of Water and Related Land Resources for Phosphorus Control and Ecolibrium,
W74-02675 7-06 5B

Multiobjectives in Water Resource Systems Analysis: The Surrogate Worth Trade Off Method, W74-13023 7-24 6A

CASE WESTERN RESERVE UNIV. CLEVELAND, OHIO. DIV. OF FLUID, THERMAL AND AEROSPACE SCIENCES.

Conservation Equations for Nonisothermal Flow in Porous Media, W74-06892 7-13 2F

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. SYSTEMS ENGINEERING DIV.

Integrated System Identification and Optimization for Conjunctive Use of Ground and Surface Water Phase I, W74-03201 7-07 2F

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. SYSTEMS RESEARCH CENTER.

Multilevel Optimization for Conjunctive Use of Groundwater and Surface Water, W74-12296 7-23 4B

CAST IRON PIPE RESEARCH ASSOCIATION, OAK BROOK, ILL.

Engineering and Construction Practices for Gray and Ductile Cast-Iron Pipe, W74-09728 7-18 8B

CATALYTIC, INC., PHILADELPHIA, PA.

MSF Distillation Plant (Module), Vertical Tube Evaporation (VTEX), Semi-Annual Report, June 1, 1970, through December 31, 1970, W74-11831 7-22 3A

CATERPILLAR TRACTOR CO., PEORIA, ILL. Ammonia Toxicity Levels and Nitrate

Tolerance of Channel Catfish,
W74-13486
7-24 5C

CATHOLIC UNIV. OF AMERICA, WASHINGTON, D.C.

Depolarized Rayleigh Scattering and Hydrogen Bonding in Liquid Water, W74-12922 7-24 1A

CEDAR RAPIDS WATER WORKS, IOWA.

Tapping, Disinfection, and Inspection of Water Mains,
W74-05011 7-10 5F

CEDERGREN/KOA, SACRAMENTO, CALIF.

Guidelines for the Design of Subsurface Drainage Systems for Highway Structural Sections, W74-10235 7-19 4C

CELANESE RESEARCH CO., SUMMIT, N.J.

Seawater Desalination with PBI Hollow Fiber Reverse Osmosis Membranes, W74-08842 7-17 3A

CELLULOSE ATTISHOLZ A.G., LUTERBACH (SWITZERLAND).

The Purification of Residual Waste Waters of the Sulfite Pulp Industry (Die Reinigung von Restabwaessern der Sulfitzellstoff-Industrie), W74-05260 7-10 5D

Dewatering of Biological-Chemical Paper Mill Waste Water Sludge with the 'System Hiller' KHD Centrifuge (Entwaesserung von biologisch-chemischem Papierfabriksabwasser-Schlamm mit der KHD-Zentrifuge 'System Hiller'), W74-06392 7-12 5D

The Biological Purification of Paper Industry Waste Waters (Die biologische Reinigung von Restabwaessern der Papierindustrie), W74-12421 7-23 5D

CEMENTATION CO. LTD., CALCUTTA (INDIA).

Pipe Jacking -- A Technique for Soft Ground Tunnelling, W74-10821 7-20 8A

CENTER FOR CALIFORNIA PUBLIC AFFAIRS, CLAREMONT.

Southern California's Deteriorating Marine Environment, An Evaluation of the Health of the Benthic Marine Biota of Ventura, Los Angeles and Orange Counties,
W74-00877 7-02 5C

Environment Impact Requirements in the States: NEPA's Offspring, W74-10527 7-20 6E

CENTER FOR DISEASE CONTROL, ATLANTA,

Practical Methods for Derivatizing and Analyzing Bacterial Metabolites with a Modified Automatic Injector and Gas Chromatograph, W74-01336 7-03 5A

Modified Delves Cup Atomic Absorption
Determination of Lead in Blood,
W74-01415 7-03 5A

CENTER FOR DISEASE CONTROL, ATLANTA, GA. EPIDEMIOLOGY PROGRAM.

Leptospirosis: An Epidemic in Children, W74-12685 7-23 5C

CENTRAL RESEARCH AND DESIGN INST. FOR SILICATE INDUSTRY, BUDAPEST

CENTER FOR THE ENVIRONMENT AND MAN, INC., HARTFORD, CONN.	Full-Scale Testing of a Water Reclamation System.	CENTRAL NEGEV HOSPITAL, BEERSHEBA (ISRAEL).
Technology Transfer in the Marine Environ-	W74-10349 7-19 5D	Metabolic Effects of Drinking Brackish Water,
ment of Long Island, W74-07059 7-14 6B	CENTRAL DISTRICT CONTROL, BAMAKO	W74-01632 7-03 5C
CONTRA A V INCOMPLINE VOOR	(MALI).	CENTRAL NEW YORK REGIONAL PLANNING
CENTRAAL INSTITUUT VOOR VOEDINGSONDERZOEK TNO, ZEIST	Incidence of, and Beliefs About, Onchocercia- sis in the Senegal River Basin.	AND DEVELOPMENT BOARD, SYRACUSE.
(NETHERLANDS).	W74-06231 7-12 5C	Regional Water Supply/Sewage Disposal Plan
The Direct Enumeration of Escherichia coli in		and Short-Range Program, 1973-1978. W74-00753 7-02 5D
Water Using Macconkey's Agar at 44 C in	CENTRAL DOCKYARD LAB., PORTSMOUTH	W 14-00133
Plastic Pouches,	(ENGLAND).	CENTRAL PLANT PROTECTION TRAINING
W74-04768 7-09 5A	The Fate of Oil Spilt at Sea. W74-10434 7-20 5B	INST., HYDERABAD (INDIA).
CENTRAL ALABAMA REGIONAL PLANNING	W74-10454 7-20 5B	Note on Bioassay Trials on the Effect of Rain-
AND DEVELOPMENT COMMISSION,	CENTRAL ELECTRICITY GENERATING	fall on Acaricide Residues,
MONTGOMERY.	BOARD, LEATHERHEAD (ENGLAND).	W74-01777 7-04 5B
Prattville, Alabama Community Development	CENTRAL ELECTRICITY RESEARCH LAB. A Potentiometric Method for the Determination	CENTRAL PUBLIC HEALTH ENGINEERING
Plan, Vol. II: Summary and Illustrations.	of Chloride in Boiler Waters in the Range 0.1 to	RESEARCH INST., KANPUR (INDIA).
W74-04508 7-09 5D	10 Microgram Per Ml of Chloride,	Characterization and Treatability of Chrome
Prattville, Alabama, Community Development	W74-11079 7-21 5A	Tanning Waste,
Plan, Volume I: Text.		W74-11707 7-22 5D
W74-04991 7-10 6B	CENTRAL ELECTRICITY GENERATING	CENTRAL PUBLIC HEALTH ENGINEERING
CENTRAL ARID ZONE RECEARCH INCH	BOARD, LEATHERHEAD (ENGLAND). CENTRAL ELECTRICITY RESEARCH LABS.	RESEARCH INST., NAGPUR(INDIA).
CENTRAL ARID ZONE RESEARCH INST., JODHPUR (INDIA).	Water Temperature Surveys in the Vicinity of	Conventional Treatment Methods for Pulp and
Effect of Contour Furrows and Contour Bunds	Power Stations with Special Reference to Infra-	Paper Mill Wastes and Disposal on Land for Ir-
on Water Conservation in Grasslands of	Red Techniques,	rigation,
Western Rajasthan,	W74-00076 7-01 5A	. W74-03547 7-07 5D
W74-07090 7-14 3F	CENTRAL ELECTRICITY GENERATING	Pulp and Paper Will Waster Treatment: Alter
Association Designs of Defeather	BOARD, RATCLIFFE-ON-SOAR (ENGLAND).	Pulp and Paper Mill Wastes Treatment; Alter- natives and Cost Economics,
Agroclimatic Regions of Rajasthan, W74-07102 7-14 3F	FRESHWATER BIOLOGY UNIT.	W74-03548 7-07 5D
W/4-0/102 /-14 3F	Field and Experimental Studies on the Effects	W 14-03340
Population, Land Use and Livestock Composi-	of a Power Station Effluent on Tubificidae	Aspects of Colour Removal from Pulp and
tion in India and Its Arid Zone,	(Oligochaeta, Annelida),	Paper Mill Effluents,
W74-07105 7-14 3F	W74-01312 7-03 5C	W74-04514 7-09 5D
Study on the Pasture Establishment Technique	CENTRAL ELECTRICITY GENERATING	Characteristics of Pulp and Paper Mill Wastes
VI. Effect of Different Spacings and Weedings	BOARD, SOUTHAMPTON (ENGLAND).	and ISI Standards,
on Establishment and Forage Production of	MARINE BIOLOGICAL LAB.	W74-04530 7-09 5B
Cenchrus ciliaris Linn., Lasiurus sindicus	The Cooling Water of Power Stations: A New Factor in the Environment of Marine and	Law Cost Matheda for Treation Puls and Parent
Henr. and Panicum antidotale Retz under Arid	Fresh-Water Invertebrates,	Low Cost Methods for Treating Pulp and Paper Mill Effluents.
Conditions,	W74-02879 7-06 5C	W74-04531 7-09 5D
W74-07107 7-14 3F		
Interrelationships Between Quantitative	Observations on the Response of Some Benthonic Organisms to Power Station Cooling	Bituminous Coal - A Substitute for Anthracite
Geomorphic Characteristics of the Drainage	Water,	Filter Media in Two-Layer Filtration of Water,
Basins in Sub-Humid to Humid Environment of	W74-02881 7-06 5C	W74-08350 7-16 5F
Rajasthan, W74-13147 7-24 4A		Aspects of Water Pollution in Fertiliser Indus-
W/4-1314/ /-24 4A	CENTRAL GROUNDWATER BOARD,	try,
Quality of Ground Water in Bikaner District of	FARIDABAD(INDIA). Chemical Composition of Monsoon Rainwater	W74-08791 7-17 5C
Western Rajasthan,	Over Chandigarh in 1971,	Effect of pH on Survival of Escherichia Coli.
W74-13151 7-24 4B	W74-05130 7-10 2B	W74-10890 7-20 5D
CENTRAL ASSOCIATION OF FINNISH	P. P. L. C. F. C. B. W. L. C.	W 74-10890 7-20 3D
WOODWORKING INDUSTRIES, HELSINKI.	Preliminary Studies on the Mechanisms Con- trolling the Salinity in Northwestern Arid Re-	CENTRAL PUBLIC HEALTH LAB., LONDON
Finnish Directions in Solving Water Pollution	gion of Indiaa Discussion on the Causes of	(ENGLAND). NATIONAL COLLECTION OF
Problems,	Salinity in the Groundwater Regime,	TYPE CULTURES.
W74-00790 7-02 5D	W74-05132 7-10 2F	Identification of Bacteria by Computer: Theory
CENTRAL ATLANTIC ENVIRONMENT	CENTRAL CROUNDINGERS BOARD NACED	and Programming, W74-04791 7-09 5A
CENTER, WASHINGTON, D.C.	CENTRAL GROUNDWATER BOARD, NAGPUR (INDIA).	W 74-04791 1-09 3A
2 Rivers: Virginia's James and Maryland's	Application of Groundwater Hydraulics to a	Identification of Bacteria by Computer:
Chester.	Basaltic Water-Table Aquifer,	General Aspects and Perspectives,
W74-10503 7-20 5B	W74-10569 7-20 4B	W74-04909 7-10 5A
CENTRAL BUREAU OF STATISTICS, ACCRA	CENTRAL INST. FOR INDUSTRIAL	Identification of Bacteria by Computer:
(GHANA).	RESEARCH, OSLO (NORWAY).	Identification of Reference Strains,
Estimation of Domain Means Using Two-Phase	The Analysis of Arsenic in the Lipid Phase	W74-04910 7-10 5A
Sampling,	from Marine and Limnetic Algae,	
W74-01498 7-03 7B	W74-04557 7-09 5A	CENTRAL RESEARCH AND DESIGN INST.
CENTRAL CONTRA COSTA SANITARY	Analysis of Trace Elements, Phosphorus and	FOR SILICATE INDUSTRY, BUDAPEST (HUNGARY).
DISTRICT, WALNUT CREEK, CALIF.	Sulphur, in the Lipid and the Non-Lipid Phase	The Change in Reactivity of Silicate Anions
Pilot-Demonstration Project for Industrial	of Halibut (Hippoglossus hippoglossus) and	During the Hydration of Calcium Silicates and
Reuse of Renovated Municipal Wastewater,	Tunny (Thunnus thynnus),	Cement,
W74-00305 7-01 5D	W74-04770 7-09 5A	W74-10859 7-20 8F

Achievements of India in the Field of Water

CENTRAL WATER AND POWER RESEARCH

Salinity Distribution and Effect of Fresh Water

7-01 10A

7-17 2F

7-07 2L

CENTRE NATIONAL DE LA RECHERCHE

CENTRE NATIONAL DE LA RECHERCHE

CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE, GIF-SUR-YVETTE (FRANCE).

7-14 3F

W74-08721

Pole Station,

Portuguese).

W74-07435

7-14 5D

W74-06932

SCIENTIFIQUE, GIF-SUR-YVETTE (FRANCE).

(Sur l'elevage de copepodes au laboratoire),

SCIENTIFIQUE, GIF-SUR-YVETTE (FRANCE).

PB-210 Concentration in Ice Measured at South

CENTRE DES FAIBLES RADIOACTIVITIES.

On the Rearing of Copepods in the Laboratory,

CENTRAL WATER AND POWER

Resources Development,

STATION, POONA (INDIA).

Flows in the Hooghly River,

CENTRE RELGE D'ETUDE ET DE

W74-00214

W74-08980

W74-03702

COMMISSION, NEW DELHI (INDIA).

Geothermal Resources in India,

CENTRAL RESEARCH INST. OF ELECTRIC POWER INDUSTRY, TOKYO (JAPAN).

7-07 21

7-10 2L

7-21 5F

CENTRAL RESEARCH INST. OF ELECTRIC

Response Characteristics of Tokyo Bay to In-

Numerical Prediction on Typhoon Tide in

State of Teeth in Children in the Focus of En-

POWER INDUSTRY, TOKYO (JAPAN).

CENTRAL RESEARCH INST. OF

demic Fluorosis, (In Russian),

STOMATOLOGY, MOSCOW (USSR).

cident Long Waves,

W74-03706

Tokyo Bay,

W74-04971

W74-11180

CENTRAL RICE RESEARCH INST., CUTTACK (INDIA).	DOCUMENTATION DES EAUX, LIEGE. A Simple Simulation Method for River Self-Pu-	LABORATOIRE DE GENETIQUE EVOLUTIVE ET DE BIOMETRIE.
Degradation of Parathion in Flooded Acid	rification Studies,	Hydrobiological Studies of 2 Shallow Ponds:
Soils,	W74-09093 7-17 5B	Observations on Temperature and Plankton
W74-00268 7-01 5B	CONTROL DIFFERENCE DE L'ENERGIE	Distribution and the Influence of a Plant Cover
Degradation of Chlorinated Hydrocarbons by	CENTRE D'ETUDE DE L'ENERGIE	Containing Lemna minor, (In French),
Clostridium Sp. Isolated from Lindane-	NUCLEAIRE, MOL (BELGIUM). LABORATOIRES.	W74-04291 7-08 2H
Amended, Flooded Soil,	Anionic Electrophoretic Pattern of Five	CENTRE NATIONAL DE LA RECHERCHE
W74-00664 7-02 5B	Ruthenium Salts in Fresh and Sea Water: Ef-	
	fects of Aging and Dilution,	SCIENTIFIQUE, GRENOBLE (FRANCE). LABORATOIRE DE GLACIOLOGIE.
CENTRAL RICE RESEARCH INST., CUTTACK	W74-05479 7-11 5A	Flow of a Valley Glacier with a Solid Friction
(INDIA). DEPT. OF BLUE-GREEN ALGAE.		Law.
Nitrogen Fixation by the Unicellular Blue-	CENTRE D'ETUDES ET DE RECHERCHES DE	W74-01377 7-03 2C
Green Alga Aphanothece, W74-03278 7-07 5C	BIOLOGIE ET D'OCEANOGRAPHIE	114-01311
W14-03218 1-01 3C	MEDICALE, NICE (FRANCE).	CENTRE NATIONAL DE LA RECHERCHE
CENTRAL RICE RESEARCH INST., CUTTACK	Restructuring of River Banks and Secondary	SCIENTIFIQUE, GRENOBLE (FRANCE).
(INDIA). DEPT. OF SOIL MICROBIOLOGY.	Pollution: Study of Eutrophications in Port Areas, (In French),	TRANSITIONS DE PHASES.
Degradation of Parathion by Bacteria Isolated	W74-05950 7-11 5C	Characterisation and Magnetic Properties of
from Flooded Soil,	W 74-03930 7-11 3C	Natural Ferric Gel,
W74-04889 7-10 5B	Experimental Investigations, at Laboratory	W74-05992 7-12 2K
	(SIC), on the Transfer of Mercury of Marine	
CENTRAL SALT AND MARINA CHEMICALS	Trophic Chains,	CENTRE NATIONAL DE RECHERCHES
RESEARCH INST., BHAVNAGAR (INDIA). Response of Safflower (Carthamus Tinctorius	W74-10792 7-20 5C	AGRONOMIQUES DE BAMBEY (SENEGAL).
L.) to Salinity of Sea Water,		Contribution to the Knowledge of Mineral
W74-13462 7-24 3C	Use of Neritic Trophodynamic Chain of Mol-	Nitrogen Dynamics in a Grey Ferruginous Soil
W 74-13402	luscs for the Study of the Transfer of Metallic	at Nioro-Du-Rip (Senegal), (In French),
CENTRAL SHEEP AND WOOL RESEARCH	Pollutants, (Utilisation D'une Chaine	W74-00062 7-01 3F
INST., JAIPUR (INDIA).	Trophodynamique De Type Neritique A Mol-	Rainfed Rice in Southern Senegal: Evaluation
Effect of Seeding Rates and Row Spacings on	lusques Pour L'etude Des Transferts Des Pol-	of Three Years' Experimentation (1966-1969),
Fodder Production of Moth Bean (Phaseolus	luants Metalliques), W74-11287 7-21 5C	(In French).
aconitifolius),	W/4-1128/	W74-04829 7-09 3F
W74-07091 7-14 3F	CENTRE D'OCEANOGRAPHIE, MARSEILLE	
CENTRAL SOIL SALINITY RESEARCH INST.,	(FRANCE). STATION MARINE D'ENDOUME.	CENTRE NATIONAL DE RECHERCHES
KARNAL (INDIA).	Study of a Polluted Environment (The Old Port	FORESTIERES, NANCY (FRANCE). STATION
Effect of Gypsum in Reducing Boron Hazard	Area of Marseilles): The Influence of Physical	DE SYLVICULTURE ET DE PRODUCTION.
of Saline Waters and Soils,	and Chemical Conditions on the Characteristics	The Actual Evapotranspiration of Four Forest
W74-07095 7-14 3C	of the Population of the Quay, (In French),	Stands in the East of France, (In French),
	W74-03719 7-07 5C	W74-05942 7-11 2D
Note on Lithium in Saline Groundwaters,	Experimental Study of Egg-Laying in Three	
W74-10908 7-21 5B	Neritic Copepod Species (Centropages Typ-	CENTRE TECHNIQUE DE L'INDUSTRIE DES
CENTRAL TREATY ORGANIZATION,	icus, Acartia Clausi, and Temora Stylifera).	PAPIERS, CARTONS ET CELLULOSES,
ANKARA (TURKEY).	W74-08741 7-17 2L	GRENOBLE (FRANCE). Treatment of Alkali Extraction Effluents by
Cento Seminar on the Application of Remote		Ultrafiltration (Traitement des effluents de
Sensors in the Determination of natural	CENTRE DE RECHERCHES AGRONOMIQUES	sodation par ultrafiltration),
Resources.	DES ANTILLES ET DE LA GUYANE, PETIT	W74-11114 7-21 5D
W74-04567 7-09 7B	BOURG (GUADELOUPE).	
CENTRAL VETERINARY I AR DAREC	Net Assimilation, Water Use and Microclimate of a Maize Canopy: III. Spectral Composition	CENTRO DE ESTUDIOS HIDROGRAFICOS,
CENTRAL VETERINARY LAB., DAR ES SALAAM, (TANZANIA).	of the Light Inside the Crop, (In French),	MADRID (SPAIN).
The Effect of Natural Shade and Spraying with	W74-06239 7-12 3F	Plankton Production and Water Quality in
Water on the Productivity of Dairy Cows in the		Spanish Reservoirs. First Report on a Research
Tropics,	CENTRE DE RECHERCHES DU SERVICE DE	Project,
W74-01994 7-04 3F	SANTE DES ARMEES, LYON (FRANCE).	W74-08005 7-15 5C
	DIVISION DE MICROBIOLOGIE.	CENTRO DE RECOURSE DO CACAS
CENTRAL WATER AND POWER	Study of the Adaptation of an Activated Sludge	CENTRO DE PESQUISAS DO CACAU,
COMMISSION, NEW DEHLI (INDIA).	to the Purification of an Industrial Effluent	SALVADOR (BRAZIL). Effects of Drainage on the Yield of Cacao, (In
Cost Benefit Studies of Irrigation Projects and	(Etude de l'adaptation d'une boue activee a	Effects of Dramage on the Tield of Cacao, (In

l'epuration d'un effluent industriel),

W74-07389

W74-01842

Suggestions for their Improvement,

7-04 3F

paratus, W74-09004

CENTRO DI RICERCA IBM DI VENEZIA

CESKOSLOVENSKA AKADEMIE VED,

PRAGUE. GEOFYZIKALNI USTAV.
Terrestrial Heat Flow in the Territory of
Czechoslavakia and the Measurement of Ther-

Equation for One-Dimensional Vertical Flow of

(ITALY).

CHATHAM COUNTY-SAVANNAH METROPOLITAN PLANNING COMMISSION, SAVANNAH, GA.

Physical-Chemical Wastewater Treatment Plant

mal Conductivity with Fully-Automatic Ap- CH2M/HILL, CORVALLIS, OREG.

Equation for One-Dimensional Vertical Flow of	W74-09004 7-17 4B	Design,
Groundwater: 2. Validity Range of the Diffu-	CESKOSLOVENSKA AKADEMIE VED,	W74-03957 7-08 5D
sion Equation, W74-00327 7-01 2F	PRAGUE. HYDROBIOLOGICKA LAB.	Conditioning and Disposal of Solids From
	Relation Between the Amount of Net Zooplankton and the Depth of Station in Shal-	Potato Wastewater Treatment, W74-06486 7-12 5D
Predictive Simulation of the Subsidence of Venice.	low Lipno Reservoir,	W74-06486 7-12 5D
W74-05137 7-10 2F	W74-04680 7-09 5C	High-Rate Filtration, W74-10015 7-19 5D
Mathematical Simulation of the Subsidence of	Horizontal Distribution of Some Chemical and	CH2M/HILL, INC., CORVALLIS, OREG.
Venice 2. Results, W74-09884 7-19 2F	Physical Characteristics in Lipno Reservoir, W74-04814 7-09 5C	Available Air Measurements Applied to Flota- tion Thickener Evaluations.
CENTRO INTERAMERICANO DE	Effect of an Upstream Reservoir on the	W74-09451 7-18 5D
FOTOINTERPRETACION, BOGOTA (COLOMBIA).	Stratification Conditions in Slapy Reservoir, W74-05069 7-10 5C	CH2M-HILL, REDDING, CALIF. Optimizing Surface Irrigation Uniformity by
Interpretation of ERTS-MSS Images of a	Changes of Some Chemical Constituents and	Nonuniform Slopes,
Savanna Area in Eastern Colombia. W74-01677 7-04 2G	Bacterial Numbers in Slapy Reservoir During Eight Years,	W74-09800 7-18 3F
CESKA KAMENICE PAPER MILL	W74-05070 7-10 5C	Diel Overturning in Lakes, W74-10797 7-20 5B
(CZECHOSLOVAKIA).	The Changes in Several Parameters of Plankton	
Waste Water Treatment and Sludge Disposal at the Ceska Kamenice Paper Mill (Cisteni odpad-	Primary Productivity in Slapy Reservoir 1960- 1967, Their Mutual Correlations and Correla-	CHADRON STATE COLL., NEB. Adsorption Characteristics of Silber, Lead,
nich vod a likvidace sedimentu v zavode 25. unora v Ceska Kamenici),	tions with the Main Ecological Factors,	Cadmium, Zinc, and Nickel on Borosilicate Glass, Polyethylene, and Polypropylene Con-
W74-12921 7-24 5D	W74-05071 7-10 5C	tainer Surfaces,
CESKOSLOVENSKA AKADEMIE VED, BRNO.	The Changes of Benthos in Slapy Reservoir in	W74-02412 7-05 5A
BOTANICKA USTAV.	the Years 1960-1961, W74-05072 7-10 5C	CHAMPION INTERNATIONAL CORP.,
Alluvial Grassland Ecosystems: Habitat Characteristics,	Limnology of Two Re-Regulation Reservoirs in	HAMILTON, OHIO. Color Removal from Kraft Mill Effluents by
W74-12161 7-23 2I	Czechoslovakia,	Ultrafiltration,
CESKOSLOVENSKA AKADEMIE VED, BRNO.	W74-05073 7-10 5C	W74-06521 7-13 5D
GEOGRAFICKY USTAV.	The Influence of Two Re-Regulation Reser-	CHARLES RIVER ASSOCIATES, INC.,
Processing of Results of Observations of	voirs on the Chemical and Bacteriological Pro-	CAMBRIDGE, MASS.
Spring Discharge, W74-00096 7-01 2E	perties of River Water, W74-05074 7-10 5C	The Effects of Pollution Control on the Non- ferrous Metals Industries. Copper. Part I. In-
W74-00096 7-01 2E		troduction and Executive Summary.
CESKOSLOVENSKA AKADEMIE VED, BRNO.	Hydrobiological Studies 3. W74-06530 7-13 5C	W74-04081 7-08 5G
USTAV INSTRUMENTALNI ANALYTICKE CHEMIE.		The Effects of Pollution Control on the Non-
Ultratrace Analysis (Below p.p.b.) by Coupling	Uptake of Natural Radioisotopes by Aquatic	ferrous Metals Industries. Copper. Part II.
Centripetal Thin-Layer Chromatography and Gas Chromatography,	Organisms, W74-06534 7-13 5C	Structure of the Industry. W74-04082 7-08 5G
W74-00255 7-01 5A	CESKOSLOVENSKA AKADEMIE VED,	CHARLOTTE, N.C. USAC PROJECT.
CESKOSLOVENSKA AKADEMIE VED, BRNO.	PRAGUE. PARAZITOLOGICKY USTAV.	The Liquid Waste Facilities Function Concept.
USTAV PRO VYZKUM OBRATLOVCU.	On the Problem of Host Specificity, Reservoir Parasitism and Secondary Invasions of Camal-	W74-03039 7-06 5D
Fishery Survey Carried out at Lake Borullus,	lanus lacustris (Nematoda:Camallanidae), (In	CHASE ECONOMETRIC ASSOCIATES, INC.,
A. R. E., in the Spring of 1971, (In Czech), W74-04643 7-09 2H	Czech),	NEW YORK.
	W74-05359 7-10 5C	A Forecasting Model Applied to Pollution Con- trol Costs,
CESKOSLOVENSKA AKADEMIE VED, PRAGUE.	Studies on the Development of the Nematode	W74-03189 7-06 5G
History of Importing Rainbow Trout, Parasal-	Rhabdochona (Filochona) ergensi Moravec,	CHASE ECONOMETRIC ASSOCIATES, INC.,
mo gairdnerii (Richardson, 1836) into Bohemian	1968, W74-08684 7-16 2I	PHILADELPHIA, PA.
Countries, (In Czech), W74-01019 7-02 8I		The Economic Impact of Pollution Control. An
	CESKOSLOVENSKA AKADEMIE VED, TREBON. BOTANICKY USTAV.	Overview, a Summary of Research Studies. W74-04077 7-08 5G
Hydrobiological Studies 2.	Growth Rate and Development of the	
W74-05068 7-10 5C	Root/Shoot Ratio in Reedswanp Macrophytes	CHASE, ROSEN AND WALLACE, INC. ALEXANDRIA, VIRGINIA
Arrangement for Continuous Treatment of Pol-	Grown in Winter Hydroponic Cultures, W74-01346 7-03 2I	The State of the System (SOS) Model: Measur-
luted Liquids, W74-12452 7-23 5D		ing Growth Limitations Using Geological Con-
	CESKOSLOVENSKA AKADEMIE VED, TREBON. INST. OF MICROBIOLOGY.	cepts, W74-07958 7-15 6G
CESKOSLOVENSKA AKADEMIE VED,	Prospects for Taxonomic Developments,	
PRAGUE. BIOLOGICKY USTAV. On the Stellario-Alnetum Glutinosae (Mikyska	W74-12585 7-23 5C	CHATHAM COUNTY-SAVANNAH
1944) Lohmeyer 1957 in the Czech Socialistic	Culture Collections. Appendix A,	METROPOLITAN PLANNING COMMISSION, SAVANNAH, GA.
Republic (CSR),	W74-12588 7-23 5C	Storm Drainage Study, (Chatham County-
W74-01078 7-02 2I	CEYLON UNIV., COLOMBO. DEPT. OF	Savannah, Georgia).
	CELEON CHIT, COLOMBO, DELL OF	W74-01031 7-02 4A

On Some Aspects of the Parasites of Ceylonese Fresh Water Crabs,

7-15 21

W74-02186

PARASTITOLOGY.

W74-08002

Water and Sewerage Improvements Needed in 1975 in Chatham County, Georgia.

7-05 5D

CHEISEA COLL. OF SCIENCE AND TECHNOLOG	I, LONDON	
CHELSEA COLL. OF SCIENCE AND	CHIBA UNIV. (JAPAN). LAB. FOR	Metromex Temperature and Aerosol Data
TECHNOLOGY, LONDON (ENGLAND). DEPT. OF PHARMACY.	ANALYTICAL CHEMISTRY. Selective Chromatographic Separation of	Reduction: Analysis of the Urban Anomaly, W74-06941 7-13 2B
The Effects of Artificial Sunlight Upon Float-	Uranium(VI) on Deae-Cellulose Layers in	CHICAGO UNIV., ILL. ENRICO FERMI INST.
ing Oils, W74-03777 7-08 5B	Dilute Acetic Acid Media, W74-04864 7-10 5A	Heavy Elements in Surface Materials: Deter-
	W/4-04604 /-10 3A	mination by Alpha Particle Scattering,
CHELSEA COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND). DEPT.	CHICAGO BRIDGE AND IRON CO., OAK	W74-09770 7-18 5A
OF ZOOLOGY.	BROOK, ILL. (ASSIGNEE). Underwater Tanker Ballast Water/Oil Separa-	CHICAGO UNIV., ILL. FLUID DYNAMICS AND
Observations on the Biology of Nothobranchius guentheri (Pfeffer)	tion,	SEDIMENT TRANSPORT LAB. Experimental Determination of Run-up of Un-
Nothobranchius guentheri (Pfeffer) (Cyprinodontidae), an Annual Fish from the	W74-02492 7-05 5G	dular and Fully Developed Bores and an Ex-
Coastal Region of East Africa,	CHICAGO BRIDGE AND IRON CO.,	amination of Transition Modes and Internal
W74-01981 7-04 2I	PLAINFIELD, ILL. MARINE RESEARCH AND	Structure, W74-04936 7-10 8B
CHEMICAL EXAMINER'S LAB., AGRA	DEVELOPMENT. Nonlinear Wave Forces on Halfcylinder and	
(INDIA). TOXICOLOGY DIV. Separation and Identification of Metal	Hemisphere,	CHICAGO UNIV., ILLINOIS. DEPT. OF BIOLOGY.
Dithizonates by Thin-Layer Chromatography	W74-11475 7-22 8B	Biliproteins and Bile Pigments,
and its Application in Toxicological Analysis,	CHICAGO DEPT. OF WATER AND SEWERS,	W74-12570 7-23 5C
W74-02360 7-05 5A	ILL.	CHILE UNIV., SANTIAGO.
CHEMSTRAND RESEARCH CENTER, INC., DURHAM, N.C.	Computer Use in US Water Authority, W74-12120 7-23 5F	Effect of Phosphate Salts as Saturating Solu- tions in Cation-Exchange Capacity Determina-
Development of Polyamide Membranes for Sea Water Desalination.	CHICAGO DEPT. OF WATER AND SEWERS,	tions,
W74-01933 7-04 3A	ILL. WATER PURIFICATION DIV.	W74-08285 7-16 2G
CHEMVIRON S.A., BRUSSELS (BELGIUM).	Identification and Incidence of Klebsiella in	CHILE UNIV., SANTIAGO. DEPARTAMENTO
Removal of Organic Material by Adsorption on	Chlorinated Water Supplies, W74-03294 7-07 5A	DE BIOLOGIA. Synopsis on the Biology of the Shrimp of Rio
Activated Carbon,		Del Northe (Chile), (In Spanish),
W74-02264 7-05 5D	CHICAGO MEDICAL SCHOOL, ILL. DEPT. OF MICROBIOLOGY.	W74-00471 7-01 2I
CHENANGO COUNTY PLANNING BOARD,	Frequency of Fish Tumors Found in a Polluted	CHILE UNIV., SANTIAGO. FACULTY OF
NORWICH, N.Y. Relating Comprehensive Sewer and Water	Watershed as Compared to Nonpolluted	PHYSICAL AND MATHEMATICAL SCIENCES.
Plans to the County Land Use Plan. Goals, Pol-	Canadian Waters, W74-02401 7-05 5C	A Case on Transfer of Knowledge in Water Resources Systems Planning from a Developed
icies and Standards. W74-01473 7-03 5D		Region to a Developing One, and from
	CHICAGO UNIV., ILL. DEPT. OF GEOGRAPHY.	Research to Application,
CHERNE INDUSTRIAL, INC., EDINA, MINN.	Regulating Flood-Plain Development,	W74-00211 7-01 10A
(ASSIGNEE). Combination Sewage Treatment and Cooling	W74-01851 7-04 6F	CHILE UNIV., SANTIAGO. LABORATORIO DE
System,	CHICAGO UNIV., ILL. DEPT. OF	HIDROBIOLOGIA. Food Niche of Graus Nigra Philippi
W74-02028 7-04 5D	GEOPHYSICAL SCIENCES.	(Osteichthyes, Labridae),
Liquid Aerating Rotor Assembly,	Effects of Particle Size and Wave State on	W74-08526 7-16 2I
W74-02042 7-04 5D	Grain Dispersion, W74-03344 7-07 2L	CHINO BASIN MUNICIPAL WATER
CHEVRON OIL CO., DENVER, COLO.	A Study of Sadimont Distribution in the Zone	DISTRICT, CUCAMONGA, CALIF.
Tracers in Mud Improve DST, Wireline Test Accuracy,	A Study of Sediment Distribution in the Zone of Shoaling Waves Over Complicated Bottom	Liquid Aerobic Composting of Cattle Wastes and Evaluation of By-Products,
W74-07856 7-15 8G	Topography,	W74-12222 7-23 5D
CHEVRON OIL CO., HOUSTON, TEX.	W74-03709 7-07 2J	CHLORIDE ELECTRICAL STORAGE CO.
GEOPHYSICAL DIV.	The Internal Velocity Field in Breaking Waves,	LTD., MANCHESTER (ENGLAND).
Encyclopedic Dictionary of Exploration Geophysics,	W74-04960 7-10 2J	Prevention of Long-Term Sequelae Following
W74-04142 7-08 8B	Longshore Currents and the Onset of Up-	the Absorption of Lead, W74-12518 7-23 5C
CHEVRON OIL FIELD RESEARCH CO., LA	welling Over Bottom Slope,	
HABRA, CALIF.	W74-11896 7-22 2L	CHLORINE INST., NEW YORK. Chlorine: Its Development, Characteristics and
Pulsed Nuclear Magnetic Resonance Studies of Porosity, Movable Fluid, and Permeability of		Utility for Disinfection and Oxidation,
Sandstones,	GEOPHYSICAL SCIENCES. Salinity of Interstitial Water in a Sandy Beach,	W74-05508 7-11 5F
W74-03166 7-06 8G	W74-00523 7-01 2L	CHRIST COLL., IRINJALAKUDA, (INDIA).
CHEVRON OIL FIELD RESEARCH CO.,	Hairanity of Chicago Contribution to Project	Studies on the Crustacean Plankton of a Fresh-
	University of Chicago Contribution to Project	water Tank at Pilani, Rajasthan, (In Malayalam)
RICHMOND, CALIF.	Metromex-I.	
	Metromex-I. W74-06937 7-13 2B	W74-13031 7-24 5C
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading,	W74-06937 7-13 2B	W74-13031 7-24 5C
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks		W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading, W74-12542 7-23 8E CHEVRON RESEARCH CO., SAN FRANCISCO,	W74-06937 7-13 2B Radar Studies of Urban Precipitation Anomaly, W74-06938 7-13 2B	W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Produ-
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading, W74-12542 7-23 8E CHEVRON RESEARCH CO., SAN FRANCISCO, CALIF. (ASSIGNEE).	W74-06937 7-13 2B Radar Studies of Urban Precipitation Anomaly,	W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading, W74-12542 7-23 8E CHEVRON RESEARCH CO., SAN FRANCISCO,	W74-06937 7-13 2B Radar Studies of Urban Precipitation Anomaly, W74-06938 7-13 2B Observations of the Cloud Nucleus Concentra-	W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Producers, W74-08840 7-17 5C
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading, W74-12542 7-23 8E CHEVRON RESEARCH CO., SAN FRANCISCO, CALIF. (ASSIGNEE). Floating Barrier, W74-08025 7-15 5G	W74-06937 7-13 2B Radar Studies of Urban Precipitation Anomaly, W74-06938 7-13 2B Observations of the Cloud Nucleus Concentra- tion Around the St. Louis Urban Complex,	W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Producers,
RICHMOND, CALIF. Pore-Volume Compressibility of Consolidated, Friable, and Unconsolidated Reservoir Rocks Under Hydrostatic Loading, W74-12542 7-23 8E CHEVRON RESEARCH CO., SAN FRANCISCO, CALIF. (ASSIGNEE). Floating Barrier,	W74-06937 7-13 2B Radar Studies of Urban Precipitation Anomaly, W74-06938 7-13 2B Observations of the Cloud Nucleus Concentration Around the St. Louis Urban Complex, W74-06939 7-13 2B	W74-13031 7-24 5C CHRISTIAN BROS. COLL., MEMPHIS, TENN. Effect of Industrial Wastes of Memphis and Shelby County on Primary Planktonic Producers, W74-08840 7-17 5C CIBA-GEIGY CORP., ARDSLEY, N.Y.

ORGANIZATIONAL INDEX CLEMSON UNIV., S.C. DEPT. OF AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY.

A Solvent-Saving Extraction-Evaporation Ap-	COUNCIL LAB.	CLA-VAL CO., NEWPORT BEACH, CALIF. COMMERCIAL SALES DIV.
paratus Developed for Residue Analysis of	Bacteria-Assimilable Organic Compounds,	Automatic Control of Level, Pressure, and
Pesticides,	Phosphate, and Enhanced Growth of Bacteria-	Flow.
W74-06089 7-12 5A	Associated Blue-Green Algae,	W74-03861 7-08 8C
CIPA CEICVITE BACEI (CWITZERI AND)	W74-07587 7-14 5C	
CIBA-GEIGY LTD., BASEL (SWITZERLAND). AGROCHEMICAL DIV.	CIP RESEARCH LTD., HAWKESBURY	CLARK COUNTY BOARD OF COUNTY
Semiautomated Method for More Precise and	(ONTARIO).	COMISSIONERS, NEV. Report to the Governor and the Interim
Sensitive Determination of Nonpolar An-	Water Reuse and Recycle in the D(C)EDED	Finance Committee: Alternative Recommenda-
ticholinesterase Insecticides with Technicon	Bleach Sequence,	tion, Las Vegas Wash/Bay Pollution Abate-
Modules,	W74-07377 7-14 5D	ment Project.
W74-05496 7-11 5A		W74-00440 7-01 5D
CIM, INC., SAN LUIS OBISPO, CALIF.	Water Reuse and Recycle in Kraft Bleacheries,	
A Summary Report Master Water and	W74-07394 7-14 5D	CLARK, DIETZ AND ASSOCIATES, URBANA,
Sewerage Plan.	CITIES SERVICE OIL CO., TULSA, OKLA.	ILL. ENVIRONMENTAL ENGINEERING SECTION.
W74-01041 7-02 5D	(ASSIGNEE).	Corrosion Control Speeds Up,
	Suction Oil Decanter,	W74-05090 7-10 8G
CINCINNATI UNIV., OHIO.	W74-02026 7-04 5G	111 0000
Waste Neutralization Control - Digital Simula- tion Spots Nonlinearities,	Oil Shimming America	CLARK UNIV., WORCESTER, MASS.
W74-10454 7-20 5D	Oil Skimming Apparatus, W74-02491 7-05 5G	Community Adoption of Water Reuse Systems
17-10-34	W 74-02491 7-03 3G	in the United States,
CINCINNATI UNIV., OHIO. COLL. OF	CITIES SERVICES OIL CO., TULSA, OKLA.	W74-10081 7-19 5D
MEDICINE.	Process for the Detection of Hydrogen Sulfide	CLARK UNIV., WORCHESTER, MASS.
Effluent Standards Strategy: Rejuvenation of	in Drill Bit Cutting,	GRADUATE SCHOOL OF GEOGRAPHY.
an Old Game Plan, W74-07769 7-15 5G	W74-10086 7-19 8G	Slow Movement of Earth under Tropical Rain
W74-07769 7-15 5G	CITY COLL NEW YORK	Forest Conditions,
Mercury in Human Hair, A Study of the Re-	CITY COLL., NEW YORK. The Possible Occurrence of Photosynthetic	W74-05724 7-11 2J
sidents of Los Alamos, NM, and Pasadena,	Microorganisms in Deep-Sea Sediments of the	
Calif., by Cold Vapor Atomic Absorption	North Atlantic,	CLARKSON COLL. OF TECHNOLOGY,
Specrophotometry,	W74-06155 7-12 5B	POTSDAM, N.Y.
W74-09759 7-18 5A		Analytical and Experimental Studies of Reverse Osmosis Systems,
Interferences in the Determination of Metallic	CITY COLL., NEW YORK. DEPT. OF	W74-00039 7-01 3A
Elements in Human Hair, An Evaluation of	BIOLOGY.	W 14-00037
Zinc, Copper, Lead and Cadmium Using	Trophic Dynamics and Niches of Salt Marsh Foraminifera,	Hardened Portland Cement Pastes of Low
Atomic Absorption Spectrophotometry,	W74-01814 7-04 5C	Porosity, Part 5: Compressive Strength,
W74-09760 7-18 5A	W/4-01014 /-04 3C	W74-09522 7-18 8F
Presynaptic and Postsynaptic Effects of Lead	CITY-COUNTY PLANNING BOARD,	CLARKSON COLL. OF TECHNOLOGY,
at the Frog Neuromuscular Junction,	WINSTON-SALEM, N.C.	POTSDAM, N.Y. DEPT. OF CHEMICAL
W74-12494 7-23 5C	Water and the Land: Opportunities and	ENGINEERING.
	Problems in Forsyth, North Carolina.	An Improved Mixing Length Theory of Turbu-
CINCINNATI UNIV., OHIO. DEPT. OF	W74-02129 7-04 4A	lent Heat and Mass Transfer,
BIOLOGICAL SCIENCE.	Water Supply and Sewerage Services: Tools	W74-04231 7-08 8B
Toxic Effects of Freshwater Turbellarians on Schistosome Miracidia,	for Affecting the Quality of Life in Forsyth	CLARKON DIRECTOR INC. NEW YORK
W74-10830 7-20 5C	County, N.C., Volume D in the Land Potentials	CLARKSON INDUSTRIES, INC., NEW YORK.
17-20 30	Series.	(ASSIGNEE). Sludge Tank with Self-Cleaning Screen and
CINCINNATI UNIV., OHIO. DEPT. OF	W74-02130 7-04 5D	Screen for Use Therein,
BIOLOGICAL SCIENCES.	Unitary Water Supply and Sewerage Services.	W74-05687 7-11 5D
Russian-Thistle (Salsola) Species in Western	W74-02131 7-04 5D	W. 1 4 3 5
United States,	W/4-02151	CLEMAR MFG. CORP., AZUSA, CALIF.
W74-02945 7-06 4A	Land Potentials: Forsyth County Physiography.	ASSIGNEE.
CINCINNATI UNIV., OHIO. DEPT. OF	W74-12241 7-23 6D	Irrigation and Sprinkler System,
CHEMISTRY.	CITY OF HOPE NATIONAL MEDICAL	W74-07212 7-14 3F
New Detector for Ion-Exchange Chromatog-	CENTER, DUARTE, CALIF.	CLEMSON UNIV., S.C.
raphy,	The Effects of Crude Oil Pollution on the	Movement of Toxaphene and Fluometuron
W74-01343 7-03 5A	Behavior of Marine Invertebrates.	Through Dunbar Soil to Underlying Ground
CINCINNATI UNIV., OHIO. DEPT. OF CIVIL	W74-07987 7-15 5C	Water,
AND ENVIRONMENTAL ENGINEERING.		W74-02149 7-04 5B
Ozone Disinfection of Wastewaters at Low	CITY UNIV. OF NEW YORK.	Stability and Bornaud of Communical Days
Temperatures,	Application of High-Speed Liquid Chromatog- raphy to Organic Microanalysis. I. Construction	Stability and Removal of Commercial Dyes from Process Wastewater,
W74-10184 7-19 5D		W74-02429 7-05 5B
CINCINNATI UNIV., OHIO. DEPT. OF	of A Simple and Inexpensive Apparatus, W74-00249 7-01 2K	7-03 3B
GEOLOGY.		CLEMSON UNIV., S.C. COLL. OF
Calcium Carbonate Cementation of Alluvial	CITY UNIV. OF NEW YORK. DEPT. OF	ENGINEERING.
Fans in Southern Nevada,	MATHEMATICS.	A Systems Analysis of Water Quality Survey
W74-00349 7-01 2K	Least-Cost Allocation and Valuation Model for	Design,
CINCINIA DI INVIII.	Water Resources,	W74-07310 7-14 5B
CINCINNATI UNIV., OHIO. KETTERING LAB.	W74-00670 7-02 5D	CLEMSON UNIV., S.C. DEPT. OF
Standards for the Prevention of Occupational Lead Poisoning,	CIVIL ENGINEERING ASSOCIATION,	AGRICULTURAL ECONOMICS AND RURAL
W74-11714 7-22 5C	VERNON, CALIF.	SOCIOLOGY.
	Application of Engineering to Well Construc-	Economic Analysis of Water Supply Needs and
Aerosols of Lead, Nickel, and Cadmium,	tion and Development at Vernon,	Alternatives in a Multi-County Industrial Area,
W74-11716 7-22 5A	W74-04167 7-08 8B	W74-09808 7-19 6D

CLEMSON UNIV., S.C. DEPT. OF AGRICULTURAL ENGINEERING.

CLEMSON UNIV., S.C. DEPT. OF AGRICULTURAL ENGINEERING.	CLINTON BOGERT ASSOCIATES, FORT LEE, N.J.	Evaluation of Concepts for Separating Oil from Water Discharged from Ships,
Water Table and Soil Moisture Probabilities	Sewerage Feasibility Study, Broome County,	W74-12642 7-23 5G
With Tile Drainage,	New York, Summary, Conclusions and Recom- mendations.	COAST GUARD, YORKTOWN, VA.
W74-05677 7-11 2G	W74-05233 7-10 5D	U. S. Coast Guard Oil Pollution Investigation
Distribution of Moisture in the Unsaturated		and Control School, Investigator's Manual.
Soil Profile on a Piedmont Watershed,	CLOW CORP., OAK BROOK, ILL.	W74-03027 7-06 5G
W74-09518 7-18 2G	Stabilized Floating Aeration System, W74-10593 7-20 5D	U.S. Coast Guard Oil Pollution Investigation
Progress ReportAerobic and Anaerobic	W74-10593 7-20 5D	and Control School.
Lagooning of Dairy and Milking Wastes,	COAST AND GEODETIC SURVEY,	W74-09753 7-18 5G
W74-10303 7-19 5D	WASHINGTON, D.C.	COASTAL AREA PLANNING AND
CLEMSON UNIV., S.C. DEPT. OF CHEMICAL	Tidal Current Surveys by Photogrammetric Methods,	DEVELOPMENT COMMISSION, BRUNSWICK,
ENGINEERING.	W74-02707 7-06 2L	GA.
Enhanced Dispersion in Drag Reducing Open	COLOR GUIDD BODELLND ODEG	Open Space and Recreation Plan. W74-00801 7-02 6A
Channel Flow,	COAST GUARD, PORTLAND, OREG. Laws and Regulations of Pollution and Naviga-	
W74-08390 7-16 5B	tion in Pacific Northwest Estuaries,	COASTAL ENGINEERING RESEARCH
Ozone Treatment of Dye Waste,	W74-07499 7-14 5G	CENTER, FORT BELVOIR, VA. Ocean Dumping in the New York Bight: An
W74-11101 7-21 5D		Assessment of Environmental Studies,
CLEMSON UNIV., S.C. DEPT. OF CIVIL	COAST GUARD, WASHINGTON, D.C. Oil Pollution Regulations, Oil Pollution	W74-04863 7-10 5C
ENGINEERING.	Prohibited Zones.	COACTAL BLAINS CENTED DOD MADINE
An Annotated Bibliography of Aerial Remote	W74-10010 7-19 6E	COASTAL PLAINS CENTER FOR MARINE DEVELOPMENT SERVICES, WILMINGTON,
Sensing in Coastal Engineering,	E IN W. L. C. IV. Brown	N.C.
W74-02646 7-05 2L	Especially Hazardous ConditionsProposed Rules.	Guidelines for the Coastal Zone.
CLEMSON UNIV., S.C. DEPT. OF	W74-10076 7-19 6E	W74-02510 7-05 2L
ECONOMICS.		COASTAL STATES ORGANIZATION,
Economic Study of the Effect of Municipal	Navigation and Navigable WatersMarine In-	SAVANNAH, GA.
Sewer Surcharges on Industrial Wastes and	formation. W74-10077 7-19 6E	Pollution Management in the Coastal States,
Water Usage, W74-07057 7-14 5G	W/4-100//	W74-05655 7-11 6E
W14-01031	Amendment of the Oil Pollution Act, 1961, (15	Pollution Management in the Coastal States,
Economic Effects of Subsidies for Waste	Stat. 402), (Final Environmental Impact State-	W74-12767 7-24 5G
Abatement,	ment). W74-10708 7-20 5G	COATE BUILDIAL VALUET INC. WEST
W74-12199 7-23 5G		COATE BURIAL VAULT, INC., WEST MILTON, OHIO.
CLEMSON UNIV., S.C. DEPT. OF	Oily Ballast Discharge - Proposed Require-	Aerobic Sewage Treatment System,
ENTOMOLOGY AND ECONOMIC ZOOLOGY.	ments. W74-10719 7-20 6E	W74-12444 7-23 5E
Biology, Distribution, Importance and Control	W/4-10/19	COCA-COLA CO., ATLANTA, GA.
of Deer Flies and Horse Flies (Diptera:Tabanide) in Water-Oriented Recrea-	COAST GUARD, WASHINGTON, D.C.	(ASSIGNEE).
tional Areas,	APPLIED TECHNOLOGY DIV.	Irrigation Riser Base System,
W74-09363 7-18 5G	Forecasting Oil Slick BehaviorA Preliminary Guide.	W74-12801 7-24 3F
CLEMCON UNITY C.C. DERT. OF	W74-11202 7-21 5B	COCHISE COUNTY PLANNING DEPT., ARIZ.
CLEMSON UNIV., S.C. DEPT. OF ENVIRONMENTAL SYSTEMS ENGINEERING.		Application of Remote Sensing Techniques in
Thermophilic Aerobic Digestion of Organic	COAST GUARD, WASHINGTON, D.C. MARINE ENVIRONMENTAL PROTECTION DIV.	Land Use Planning: Floodplain Delineation,
Solid Wastes,	The Coast Guard Marine Environmental Pro-	W74-13142 7-24 4A
W74-10236 7-19 5D	tection Program,	COFFIN AND RICHARDSON, INC., BOSTON,
Dynamic Models and Control Strategies for	W74-10773 7-20 5G	MASS.
Waste Water Treatment Processes,	COAST GUARD, WASHINGTON, D.C. NAVAL	Additional Sources for Water Supply for the
W74-11069 7-21 5D	ENGINEERING DIV.	Town of Wellesley. W74-00807 7-02 6A
CLEMSON UNIV., S.C. DEPT. OF FORESTRY.	Test and Evaluation of Oil Pollution Abatement	1770007
Root Adaptations and Relative Flood Tolerance	Devices for Shipboard Use, Phase 1,	COL-MONT CORP., BUTTE, MONT.
of Five Hardwood Species,	W74-08450 7-16 5G	(ASSIGNEE).
W74-12702 7-23 2I	Test and Evaluation of Oil Pollution Abatement	Method of and Apparatus for the Recovery o Oil from Water,
CLEMSON UNIV., SOUTH CAROLINA. DEPT.	Devices for Shipboard Use, Phase 3,	W74-07201 7-14 50
OF AGRICULTURAL ECONOMICS AND	W74-09321 7-18 5G	P f P
RURAL SOCIOLOGY.	Test and Evaluation of Oil Pollution Abatement	Process for Removing Oil and Other Organic Contaminants from Water,
Environmental Planning: An Economic Analy-	Devices for Shipboard Use, Phase II,	W74-09175 7-17 SI
sis. Applications for the Coastal Zone,	W74-10444 7-20 5D	
W74-07534 7-14 6B	COAST GUARD, WASHINGTON, D.C. OFFICE	COLD REGIONS RESEARCH AND ENGINEERING LAB., FAIRBANKS, ALASKA.
CLEVELAND DEPT. OF PUBLIC UTILITIES,	OF MARINE ENVIRONMENT AND SYSTEMS.	An Expanding Role for Subarctic Watershee
оню.	Role of Coast Guard in Pollution Control,	Research,
Data Acquisition and Combined Sewer Con-	W74-10771 7-20 5G	W74-06884 7-13 4I
trols in Cleveland, W74-09716 7-18 5D	COAST GUARD, WASHINGTON, D.C. OFFICE	COLD REGIONS RESEARCH AND
	OF RESEARCH AND DEVELOPMENT.	ENGINEERING LAB., HANOVER, N.H.
CLEVELAND STATE UNIV., OHIO.	A Study of Oil Source Identification	Effect of Salinity on the Optical Extinction o
Markets for Chemicals Grow and Grow, W74-11118 7-21 5D	Techniques, W74-11435 7-21 5A	Sea Ice at 6328A, W74-00333 7-01 20
W/4-11118 /-21 3D	#74-11935 /-21 3A	17-00333 7-01 20

7-01 2C

COLLIER COUNTY CONSERVANCY, INC., NAPLES, FLA.

			COLLE	R COUNTY CONSERVANCY, INC., N	APLES, FLA.
Anticipated Closure Rates for a Pr Hole, Ross Ice Shelf, Antarctica,		Settlement Associated with the Th mafrost,	-	Data on Morphological and Phys teristics of Sea Ice in the Beaufort	
W74-00335	7-01 2C	W74-04408	7-09 2C	W74-06721	7-13 2C
Icings Developed from Surface Ground Water.	Water and	Thermal Regime in an Arctic Earth W74-04410	hfill Dam, 7-09 8D	Chemical Profile of the Ross Ice S America V, Antarctica,	helf at Little
W74-00581	7-02 2C			W74-06921	7-13 2C
Isua, Greenland: Calculations of (Glacier Flow	Control of Culvert Icing, W74-04411	7-09 4C	Adhesion of Ice Frozen from Dilut	e Electrolyte
for an Open-Pit Mine, W74-00818	7-02 2C	Long-Term Effects of Vegetati		Solutions, W74-07618	7-15 2C
Icebergs as a Fresh-Water Sour	ce: An Ap-	Permafrost Stability in an Area of ous Permafrost,	of Discontinu-	Application of Electrical Energy	to Culvert
praisal, W74-01375	7-03 2C	W74-04417	7-09 4C	Icing ProblemsA Laboratory Stud W74-07909	
Controlled Release of Avalanche	e by Evalo	A Sewage-Treatment Concept for	or Permafrost	W 14-07505	7-13 60
sives, W74-02746	7-06 2C	Areas, W74-04419	7-09 5D	Isua, Greenland: Glaciological I During 1973,	nvestigations
W 14-02146	7-06 ZC	Encountering Massive Ground Ice	During Road	W74-07910	7-15 2C
The Water-Ice Phase Composition Water Systems: I. The Ka		Construction in Central Alaska, W74-04420	7-09 4C	Low Temperature Extended Aera the use of a Floating Tube Settle	
System, W74-03783	7-08 2G	The Use of Polyurethane Foam		Stave Tankage, W74-10178	7-19 5D
Stratigraphy and Diagenesis of Frozen Sediments in the Barrow,		Construction of Expedient Ro mafrost in Central Alaska, W74-04421	7-09 8G	An ERTS View of Alaska-Regio	
gion, W74-04365	7-09 2C	Effects of Stratigraphic Layers of		of Earth and Water Resources Ba lite Imagery,	
Physics, Chemistry, and Mechanic		Through Snow, W74-04572	7-09 2C	W74-10251	7-19 7B
Ground: A Review, W74-04373	7-09 2C	An Analytical Study of a Coil		A Research Hydraulic Flume f Drifting Snow - Design, Cons	
The Unfrozen Water and the Appa	rent Specific	Sink, W74-04589	7-09 8B	Calibration, W74-10644	7-20 2C
Heat Capacity of Frozen Soils, W74-04374	7-09 2C			Classification and Variation of Se	a Ice Rideine
Mechanical Properties of Fro-		The Water Balance in Arctic and gionsAnnotated Bibliography ar		in the Western Arctic Basin, W74-12991	7-24 2C
Under High Pressure,		Assessment, W74-04601	7-09 2C		
W74-04375	7-09 2C	Effects of Salt Concentration Cl		Icebreaking by Tow on the Mississ W74-13170	7-24 2C
Mechanical Properties of Rocks a peratures,	at Low Tem-	Freezing on the Unfrozen Water		COLE RESEDEVEL CORP., FAIRL	AWN, N.J.
W74-04380	7-09 2C	W74-04802	7-09 2C	(ASSIGNEE) Method for Treating Sewage,	
Ionic Mobility in Permafrost, W74-04382	7-09 2C	Water Flow Through Snow Over permeable Boundary,	erlying an Im-	W74-03012	7-06 5D
Sound and Shock Transmission	n in Frozen	W74-04803	7-09 2C	COLECO INDUSTRIES, INC., HAR CONN. (ASSIGNEE).	TFORD,
Soils, W74-04383	7-09 2C	Microbial Degradation of Petro tinental Shelf Sediments.	leum in Con-	Filtration System for Liquids, W74-03662	7-07 5F
Triaxial and Creep Tests on Fr	ozen Ottawa	W74-05153	7-10 5B	COLLEGE OF AGRICULTURE,	
Sand, W74-04386	7-09 2C	Theory of Metamorphism of Wet	Snow,	DAPOLI(INDIA).	
Viscoelastic Properties of Frozer		W74-05154	7-10 2C	Soil Potassium Forms in Relation matic Conditions in Maharashtra,	n to Agrocli-
Vibratory Loads, W74-04388	7-09 8D	Classification and Variation of S in the Arctic Basin,	ea Ice Ridging	W74-08378	7-16 2G
		W74-05165	7-10 2C	COLLEGE OF AGRICULTURE, SU	NGEI BESI
Risk of Uncontrolled Flow from W Permafrost,		An Investigation of Core Drilling	in Perennially	(MALAYSIA). Measurement of the Diffusion C	
W74-04395	7-09 2F	Frozen Gravels and Rock, W74-05170	7-10 2C	Boron in Soil Using a Single Cell T W74-10329	rechnique, 7-19 5B
Electromagnetic Probing of Perma W74-04400	7-09 2C	Sediment Distribution and Coasta Cook Inlet, Alaska,	al Processes in	COLLEGE OF ENGINEERING, MA	
Investigation of Sampling Perent Alluvial Gravel by Core Drilling,	nially Frozen	W74-06671	7-13 2L	(INDIA). DEPT. OF HYDRAULICS A RESOURCES.	
W74-04402	7-09 2C	Investigations Performed on the Dynamics Joint Experiment, Mar		Linearly Decreasing Velocity - We W74-10927	7-21 5D
Engineering Design and Constru- mafrost Regions: A Review,	ction in Per-	W74-06716	7-13 2C	COLLEGE OF SOUTH JERSEY, CA	MDEN.
W74-04404	7-09 8D	Mesoscale Strain Measurements fort Sea Pack Ice,	on the Beau-	DEPT. OF ZOOLOGY. Water Resources Development in	the Mullica
Some Passive Methods of		W74-06717	7-13 2C	River Basin, W74-02450	7-05 50
Geocryological Conditions in Rostruction, W74-04406	7-09 2C	Structure of a Multiyear Pressure W74-06718	Ridge, 7-13 2C	COLLIER COUNTY CONSERVANCE	
	-			NAPLES, FLA.	

Top and Bottom Roughness of a Multiyear Ice

7-13 2C

Floe, W74-06719

7-09 2C

Environmental Considerations for the Utiliza-

tion of Permafrost Terrain,

W74-04407

Environmental Considerations for Water

Management District 6 of Collier County,
W74-09360 7-18 6B

COLLINS (JOHN S.), AND ASSOCIATES, TUCSON, ARIZ.

COLLINS (COLLINS OF THE COLLINS OF THE COLUND OF T		
COLLINS (JOHN S.), AND ASSOCIATES, TUCSON, ARIZ.	Lake Distribution in Colorado and Community Relationships of the Fathead Minnow in Two	COLORADO STATE UNIV., FORT COLLINS. DEPT. OF AGRONOMY.
New Arizona Wastewater Plant to Alleviate	Lake Populations, W74-03266 7-07 8I	An Experimental Study of Soil Water Flow Systems Involving Hysteresis,
Problems, W74-08890 7-17 5D	Selection of the Optimum Brood Fish Density	W74-03760 7-08 2G
COLO. STATE UNIV, DEP. FOR AND WOOD	and Sex Ratios of the Fathead Minnow (Pimephales Promelas) under Prescribed	Inorganic Reactions of Sewage Wastes with
SCI., FORT COLLINS, COLO. COLORADO STATE UNIV., FORT COLLINS. DEPT. OF	Spawning Conditions,	Soils, W74-05973 7-12 5D
FOREST AND WOOD SCIENCE. The Growth of Selected Mycorrhizal Fungi in	W74-03267 7-07 8I	COLORADO STATE UNIV., FORT COLLINS.
Response to Induced Water Stress, W74-12789 7-24 5B	The Life History of the Fathead Minnow (Pimephales Promelas) in Colorado and Ad-	DEPT. OF BOTANY AND PLANT PATHOLOGY.
	jacent Mountain States, W74-03268 7-07 8I	The Ultrastructure of an Alloparasitic Red Alga Choreocolax Polysiphoniae,
COLOMBIAN AGRICULTURAL INST.,		W74-05299 7-10 5C
Malezas Acuaticas, Aquatic Weeds, J. M.	Distribution in Colorado, Community Relation- ships, and Preliminary Life History of the	COLORADO STATE UNIV., FORT COLLINS.
Bristow, W74-00736 7-02 4A	White Sucker (Catostomus commersoni)July 1, 1968 to June 30, 1969,	DEPT. OF CHEMISTRY. Analytical Applications of Pulsed Voltammetric
COLORADO DEPT. OF NATURAL	W74-03269 7-07 8I	Stripping at Thin Film Mercury Electrodes, W74-01514 7-03 5A
RESOURCES, DENVER. DIV. OF WATER	Distribution in Colorado, Community Relation-	W74-01514 7-03 5A
RESOURCES, PLANNING AND	ships, and Preliminary Life History of the White Sucker (Catostomus commersoni)July	Emission Spectrometric Determination of Ar-
INVESTIGATIONS. Analytical Model for Management of Alluvial	1, 1969 to January 31, 1970,	senic, W74-06499 7-12 5A
Aquifers,	W74-03270 7-07 8I	
W74-09477 7-18 4B	Pollution Control and the Behavior of the Firm-	COLORADO STATE UNIV., FORT COLLINS. DEPT. OF CIVIL ENGINEERING.
COLORADO DIV. WILDLIFE, FORT COLLINS.	-A Technical Note, W74-03749 7-07 5G	Research and Education for Development, W74-00212 7-01 10A
A Comparison of A Wet Pressure Digestion Method with Other Commonly Used Wet and	PiP	W74-00212 7-01 10A
Dry-Ashing Methods,	River Response, W74-03785 7-08 2E	The Effects of Water Temperature and Eleva-
W74-00462 7-01 5A	What Do We Mean by Metropolitan Water	tion Upon Aeration, W74-00699 7-02 5D
COLORADO SCHOOL OF MINES, GOLDEN.	Management Institutions.,	Analysis of Sadiment Serting in Alluvial Chan-
Functional Water and Sewer Report,	W74-04498 7-09 6E	Analysis of Sediment Sorting in Alluvial Chan- nels.
W74-03122 7-06 3D	Managing Growth in a Fragile Environment:	W74-01274 7-03 2J
COLORADO SCHOOL OF MINES, GOLDEN.	Problems of the Rocky Mountain States,	New Vistas for Flood Investigations,
DEPT. OF CHEMISTRY. Distribution of Mercury in Residual Soils,	W74-04505 7-09 6D	W74-02625 7-05 2E
W74-06797 7-13 5B	Microclimate Management by Traditional Far-	Comparison of Methods of Deriving Unit
COLORADO SCHOOL OF MINES, GOLDEN.	mers, W74-05452 7-11 3F	Hydrographs, W74-02828 7-06 2E
DEPT. OF GEOLOGY.	Upward Flow from Shallow Water Tables,	
Geologic and Mineral and Water Resources In- vestigations in Western Colorado Using ERTS-	W74-06844 7-13 2F	Dispersion of Contaminants Attached to Sedi- ment Bed Load,
1 Data: Progress Report II.	A Feasibility Study of Using Remotely Sensed	W74-03797 7-08 5B
W74-12016 7-23 7B	Data for Water Resource Models,	Pahaviar of Cabasina Material From a Sail Fa
COLORADO SCHOOL OF MINES, GOLDEN.	W74-12072 7-23 2A	Behavior of Cohesive Material From a Soil En- gineer's Viewpoint,
DEPT. OF GEOPHYSICAL ENGINEERING.	COLORADO STATE UNIV., FORT COLLINS.	W74-03798 7-08 2J
The Use of Entire Apparent Resistivity Curves	DEPT. OF AGRICULTURAL ENGINEERING.	Application of Remote Sensing to River
for Interpretation of Normal Resistivity Logs, W74-10835 7-20 8E	Consolidation of Irrigation Systems: Phase 1, Engineering, Legal, and Sociological Con-	Mechanics,
	straints and/or Facilitators,	W74-03800 7-08 2E
COLORADO STATE UNIV., FORT COLLINS. Rearing Bait Fishes in the Rocky Mountain	W74-01367 7-03 3F	Lognormal Size Distribution of Particulate
States,	Agricultural Impact on Water Quality in	Matter,
W74-03261 7-07 8I	Western Rivers, W74-03796 7-08 5B	W74-04058 7-08 2J
Determine the Present Volume and Value of		Allocation of Funding for Wastewater Treat-
Bait Fish Sales by Species in Colorado and Ad-	Culverts for Flow Measurement in Irrigation Systems,	ment Facilities, W74-04562 7-09 5D
jacent Mountain States, W74-03262 7-07 8I	W74-04131 7-08 4A	
	Subsurface Distribution of Nonuniformly Ap-	Systematic Design of Legal Regulations for Op- timal Surface-Groundwater UsagePhase 1,
Distribution and Community Relationships of the Fathead Minnow (Pimephales Promelas) in	plied Surface Waters,	W74-04853 7-10 4B
Colorado and Adjacent Mountain States,		A Multiphase Model for Infiltration (Modele d'
W74-03263 7-07 8I	Free Surface Subcritical Flow Measurement, W74-11520 7-22 7B	Infiltration Polyphasique), W74-05911 7-11 2G
Construction of Experimental Bait Fish Culture		
Ponds, W74-03264 7-07 81	Evaluation of Irrigation Scheduling for Salinity	Dispersion of Contaminated Sediment Bed
	Control in Grand Valley, W74-11929 7-22 5G	Load, W74-07446 7-14 5B
Growth and Mortality of the Fathead Minnow		
as Related to Population Density in Production Ponds.	Flow-Measuring Flume for Wastewater for Treatment Plants.	Optimal Conjunctive Use Model for Indus Basin,
W74-03265 7-07 8I	W74-13032 7-24 5D	W74-08059 7-15 4B

COLORADO UNIV., BOULDER. INST. OF BEHAVIORAL SCIENCE.

Two-Phase Flows in Porous Med W74-08303	ia, 7-16 2F	Primary Data on Economic Activity and Water Use in Prototype Oil Shale Development Areas	Regional Energy-Water ProblemsColorado River-Great Basin,
W /4-08303	7-16 21	of Colorado: An Initial Inquiry,	W74-07977 7-15 6D
Stochastic Analysis of Groun Time Series in the Western Unite		W74-12356 7-23 6B	COLORADO STATE UNIV., FORT COLLINS.
W74-08368	7-16 2F	The Economic Value of Water for Waste Dilu- tion: Regional Forecasts to 1980,	NATURAL RESOURCE ECOLOGY LAB. An Ecological Description of a Semi-Arid East
Sediment Routing in Irrigation Ca W74-08385	anal Systems, 7-16 2J	W74-13297 7-24 5B	African Ecosystem,
W /4-08383	7-16 23	COLORADO STATE UNIV., FORT COLLINS.	W74-03923 7-08 2I
Clarks Fork Yellowstone F Sensing Study,	tiver Remote	DEPT. OF FISHERY AND WILDLIFE BIOLOGY.	COLORADO STATE UNIV., FT. COLLINS. DEPT. OF ECONOMICS.
W74-08386	7-16 2J	Fish Behavior Related to Thermal Pollution, W74-03795 7-08 5C	Water Law and Its Relationship to Environ-
Optimal Control of Flow in Co	mbined Sewer	COLORADO CELEBRANA PORTA COLLANO	mental Quality: A Bibliography of Source Material.
Systems, W74-09652	7-18 5D	COLORADO STATE UNIV., FORT COLLINS. DEPT. OF MECHANICAL ENGINEERING. Some Problems Associated with the Use of	W74-03322 7-07 5G
Evaluation and Implementation		Foreign Advisors in Developing Countries,	COLORADO UNIV., BOULDER. Permafrost and Its Relationship to Other En-
Drainage and Flood Control Proj W74-09802	7-19 6B	W74-00216 7-01 10A	vironmental Parameters in a Midlatitude, High-
The Effects of Water Townson	and Flans	Material Property and Boundary Condition Ef- fects on Stresses in Avalanche Snowpacks,	Altitude Setting, Front Range, Colorado Rocky Mountains,
The Effects of Water Temperat tion upon Aeration,		W74-02743 7-06 2C	W74-04357 7-09 2C
W74-10168	7-19 5D	COLORADO STATE UNIV., FORT COLLINS.	The Economics of Ecology,
Variation of Regime Coefficier Canals,	nts in Pakistan	DEPT. OF MICROBIOLOGY. Lime Disinfection of Sewage Bacteria at Low	W74-12460 7-23 6G
W74-10219	7-19 8B	Temperature.	COLORADO UNIV., BOULDER. DEPT. OF
Diamine and Wastewater Man	and of a	W74-04548 7-09 5D	AEROSPACE ENGINEERING SCIENCE. Swirling Shallow Submerged Turbulent Plumes,
Planning and Wastewater Mar Combined Sewer System in San		Cloud Seeding for Snow Augmentation: Land	W74-12989 7-24 5B
W74-10413	7-20 5D	Use Ramifications of Residual Silver Iodide Nucleating Agents,	COLORADO UNIV., BOULDER. DEPT. OF
Optimization Techniques for M	linimization of	W74-09606 7-18 5B	CIVIL AND ENVIRONMENTAL
Combined Sewer Overflow, W74-10415	7-20 5D	Lime Disinfection of Sewage Bacteria at Low Temperature,	ENGINEERING. Individual Home Aerobic Wastewater Treat-
Metropolitan Water Intelliger	ace Systems	W74-10183 7-19 5D	ment Systems, W74-00434 7-01 5D
Completion Report, Phase III,	io Dystems	COLORADO STATE UNIV., FORT COLLINS.	W74-00434 7-01 5D
W74-11457	7-22 5D	DEPT. OF STATISTICS.	Individual Home Aerobic Wastewater Treat-
A New Analytical Treatment for	the Infiltration	Some Generalized Beta Distributions of the Second Kind Having Desirable Application	ment Systems, W74-02668 7-06 5D
Problem, W74-12827	7-24 2G	Features in Hydrology and Meteorology,	COLORADO UNIV., BOULDER. DEPT. OF
		W74-07412 7-14 2A	CIVIL ENGINEERING.
Determinism and Stochasticity in W74-13010	7-24 2A	COLORADO STATE UNIV., FORT COLLINS.	Policy Issues Related to Urbanization,
		DEPT. OF WATERSHED SCIENCES. Cesium 137 in a Mountain Stream Channel,	W74-03178 7-06 6B
COLORADO STATE UNIV., FOR DEPT. OF EARTH RESOURCES.	r collins.	W74-00376 7-01 5B	COLORADO UNIV., BOULDER. DEPT. OF ECONOMICS.
Experimental Study of River Inc		COLORADO STATE UNIV., FORT COLLINS.	A Note on the Use of Spectral Analysis to De-
W74-05134	7-10 2J	DEPT. OF ZOOLOGY. The LD(50) Value of Tetraethyl Lead,	tect Leads and Lags in Annual Cycles of Water
Abrasion in Place: A Mechanism		W74-07700 7-15 5C	Quality, W74-07522 7-14 7C
and Size Reduction of Coarse Rivers.	Sediments in		
W74-05721	7-11 2J	Tetraethyl Lead Dose Response Curve for Mortality in Laboratory Rats,	COLORADO UNIV., BOULDER. DEPT. OF GEOGRAPHY.
An Experimental Study of I	Tainage Rasin	W74-07701 7-15 5C	New Directions in the Chilean North,
Evolution and the Influence of		COLORADO STATE UNIV., FORT COLLINS.	W74-06476 7-12 3B
Hydrologic Variables, W74-09586	7-18 4A	ENGINEERING RESEARCH CENTER. Flow Over Alluvial Bed.	COLORADO UNIV., BOULDER. DEPT. OF
		W74-03786 7-08 2E	MECHANICAL ENGINEERING.
Snow-Air Interactions and M Mountain Watershed Snowpack			Effect of Earth Strain on Geyser Activity, W74-09011 7-17 2F
W74-12201	7-23 2C	Flow Resistance over Short Simulated Vegeta- tion and Various Tall Simulated Vegetation	
COLORADO STATE UNIV. FOR	T COLLING	Groupings on Flow Resistance and Sediment	COLORADO UNIV., BOULDER. INST. OF ARCTIC AND ALPINE RESEARCH.
COLORADO STATE UNIV., FOR DEPT. OF ECONOMICS.	COLLINS.	Yield, W74-03787 7-08 2E	Rates of Quaternary Glacial Erosion and Corrie
Legal and Institutional Const	raints in Con-		Formation, Marie Byrd Land, Antarctica,
solidating Irrigation Systems, W74-02533	7-05 3F	Viscous Drag Reduction in Developing Pipe Flow,	W74-05717 7-11 2J
Water Conveyance Laws Co	maniantics and	W74-11755 7-22 8B	COLORADO UNIV., BOULDER. INST. OF BEHAVIORAL SCIENCE.
Water Conveyance: Laws, Or Efficiency,	ganization and	COLORADO STATE UNIV., FORT COLLINS.	The Changing Role of Water in Arid Lands,
W74-05910	7-11 6E	ENVIRONMENTAL RESOURCES CENTER.	W74-06466 7-12 6B
Water Law in Relation to Enviro	onmental Ouali-	An Inventory of Environmental Resources Research in Progress, Colorado State Universi-	Role of Geography in Water Resources
ty,		ty.	Management,
W74-10202	7-19 5G	W74-03133 7-06 6G	W74-13062 7-24 6B

COLORADO UNIV., BOULDER. SCHOOL OF LAW.

COLORADO	UNIV.,	BOULDER.	SCHOOL	OF
LAW.				

Optimizing Water Use: The Return Flow Issue, W74-03385 7-07 6E

COLORADO UNIV., DENVER. MEDICAL CENTER.

Maximum Likelihood Estimation for Mixtures of Two Normal Distributions,
W74-04898 7-10 7C

COLORADO UNIV., NEDERLAND. INST. OF ARCTIC AND ALPINE RESEARCH.

Avalanche Studies in the San Juan Mountains of Southwestern Colorado, W74-09607 7-18 2C

COLORADO UNIVERSITY, BOULDER. INST. OF ARCTIC AND ALPINE RESEARCH.

Delimitation of Weathering Zones in the Fiord Area of Eastern Baffin Island, Canada, W74-07937 7-15 2J

COLUMBIA-PRESBYTERIAN MEDICAL CENTER, NEW YORK. DIAGNOSTIC MICROBIOLOGY SERVICE.

Recovery and Identification of Anaerobes: A System Suitable for the Routine Clinical Laboratory, W74-04886 7-10 5A

COLUMBIA UNIV., NEW YORK.

Tidal Cycle of Changes in an Equilibrium Beach, Sandy Hook, New Jersey, W74-01198 7-03 2L

COLUMBIA UNIV., NEW YORK. DEPT. OF CIVIL ENGINEERING.

Nonlinear Least Squares Techniques for System Identification in Water Quality, W74-13028 7-24 5A

COLUMBIA UNIV., NEW YORK. DEPT. OF GEOLOGY.

Quantitative Studies of Beach Morphology and Beach Forming Processes, W74-03104 7-06 21

Geometry and Development of Spit-Bar Shorelines at Horseshoe Cove, Sandy Hook, New Jersey, W74-04206 7-08 2L

COLUMBIA UNIV., NEW YORK. GRADUATE SCHOOL OF BUSINESS.

Ocean Science and Mutual Assistance: An Uneasy Alliance, W74-02500 7-05 6E

COMBUSTION ENGINEERING, INC., WINDSOR, CONN.

Control of Anaerobic Digestion Process, W74-10609 7-20 5D

COMISION FEDERAL DE ELECTRICIDAD, MEXICO CITY.

Production of Fresh Water from the Endogenous Steam of Cerro Prieto Geothermal Field, W74-09037 7-17 3A

COMISION FEDERAL DE ELECTRICIDAD, MEXICO CITY. GEOTHERMOCHEMICAL RESEARCH.

High Activity Hydrothermal Zones Detected by Na/K, Cerro Prieto, Mexico, W74-09018 7-17 2K

COMISION FEDERAL DE ELECTRICIDAD, MEXICO CITY. INST. OF INVESTIGATIONS OF ELECTRICAL INDUSTRY.

Chemical Studies in Mexican Geothermal Fields, W74-09019 7-17 2K

COMITATO NAZIONALE PER L'ENERGIA NUCLEARE, ISPRA (ITALY). DIVISION PROTEZIONE SANITARIA E CONTROLLI.

Behavior of Radioiodine in the Environment and in Man, W74-06862 7-13 5B

COMITATO NAZIONALE PER L'ENERGIA NUCLEARE, ROME (ITALY).

Radioactive Waste Management in Italy, W74-02014 7-04 5D

Radioactive Solid Waste Disposal Into the Oceans: Implications and Perspectives, W74-10117 7-19 5E

COMMISSARIAT A L'ENERGIE ATOMIQUE, CADARACHE (FRANCE). CENTRE D'ETUDES NUCLEAIRES.

Contribution to the Study of the Migration of Ruthenium-106 in Soils, W74-02051 7-04 5B

COMMISSARIAT A L'ENERGIE ATOMIQUE FONTENAY-AUX-ROSES (FRANCE).

Contamination of Marine Trophic Chains by Cobalt 60 (Consumption of Contaminated Arenicolae by Plaice and Crabs), (Contamination De Chaines Trophiques Marines Par Le Cobalt 60 (Consommation d'Arenicoles Contamines Par Des Plies et Des Crabes)),
W74-11289
7-21 5C

COMMISSARIAT A L'ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D'ETUDES NUCLEAIRES.

Iodine Metabolism in Children and Adolescents in an Area of the Community, W74-09827 7-19 5C

COMMISSARIAT A L'ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). SERVICE DES RECHERCHES TOXICOLOGIQUES ET ECOLOGIQUES; AND INSTITUT DES SCIENCES DE LA NATURE, NANTES (FRANCE). LABORATOIRE D'ECOLOGIE ANIMALE ET BIOLOGIE MARINE.

Influence of Salinity and Ionic Equilibrium on the Contamination of Arenicola Marina L. (Annelide: Polycheate) by Cesium-137, (Influence de la Salinite et de L'Equilibre Ionique Sur la Contamination D'Arenicola Marina L. (Annelide: Polychete) Par le Caesium-137.), 7-21 5C

COMMISSARIAT A L'ENERGIE ATOMIQUE, PARIS (FRANCE).

Hourly Average Concentrations of Pollutants Due to Point Emissions Near to the Ground - A Probabilistic Approach, W74-13124 7-24 5A

COMMISSARIAT A L'ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D'ETUDES NUCLEAIRES.

Extra-Terrestrial Mn-53 in Antarctic Ice, W74-05991 7-12 2C

W74-05991 7-12 2C

FORESTRY (U.S. SENATE). Water Bank Act--Report. W74-12610 7-23 6E

COMMITTEE ON INTERIOR AND INSULAR AFFAIRS (U.S. HOUSE).

Authorizing the Secretary of the Interior to Construct, Operate, and Maintain the Narrows Unit, Missouri River Basin Project, Colorado, and for Other purposes.

W74-12609

7-23
6E

Authorizing and Providing for Construction of a Water Distribution System and a Water Supply for the Soboba Indian Reservation. W74-12612 7-23 6E

COMMITTEE ON INTERIOR AND INSULAR AFFAIRS (U.S. SENATE).

Authorizing the Secretary of the Interior to Construct, Operate, and Maintain the Closed Basin Division of the San Luis Valley Project, Colorado. W74-10706 7-20 6E

To Amend the Wild and Scenic Rivers Act. W74-10875 7-20 6E

COMMITTEE ON INTERIOR AND INSULAR AFFAIRS (U. S. SENATE). SUBCOMMITTEE ON WATER AND POWER RESOURCES.

Competing Values in Water Development, W74-05620 7-11 6B

COMMITTEE ON MERCHANT MARINE AND FISHERIES (U.S. HOUSE). Jellyfish Control.

W74-09989 7-19 6E
Water Bank Act.
W74-10705 7-20 6E

Amended Bill: Implementation of Convention on the Prevention of Marine Pollution by Dumping Wastes and Other Matter. W74-10876 7-20 6E

Ocean Dumping Convention Implementation. W74-12611 7-23 6E

COMMITTEE ON PUBLIC WORKS, (U.S. HOUSE).

Potomac Valley Conservancy District. W74-12608 7-23 6E

COMMITTEE ON PUBLIC WORKS (US-SENATE).

Environmental Policies as a Congressional Requirement for Social Efficacy, W74-08539 7-16 6E

COMMONWEALTH FORESTRY AND TIMBER BUREAU, CANBERRA (AUSTRALIA).

Pine After Five Months of Minimal Transpiration During Drought, W74-03519 7-07 2D

COMMONWEALTH FORESTRY AND TIMBER BUREAU, CANBERRA (AUSTRALIA). FOREST RESEARCH INST.

Water Quality Investigations on Forested Catchments in the Cotter River Valley, W74-11692 7-22 5B

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, ARMIDALE (AUSTRALIA). PASTORAL RESEARCH LAB.

Environmental Stress in the Pasture Scarab Sericesthis nigrolineata Boisd.: Mortality in Larvae Caused by High Temperature, W74-08146 7-15 5C

Environmental Stress in the Pasture Scarab Sericesthis nigrolineata Boisd.: II. Effects of Soil

COMMONWEALTH SCIENTIFIC INDUSTRIAL RESEARCH ORGANIZATION, SYNDAL

Moisture and Temperature on Survi	val of	Developments in the Processing of Hydrologi- cal Data in Australia,	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION,
	5 5C	W74-11562 7-22 7C	MELBOURNE (AUSTRALIA). DIV. OF
COMMONWEALTH SCIENTIFIC AND		COMMONWEALTH SCIENTIFIC AND	CHEMICAL ENGINEERING. Solar Energy for the Concentration of Pulp Mill
INDUSTRIAL RESEARCH ORGANIZATION	ON,	INDUSTRIAL RESEARCH ORGANIZATION,	Effluents.
ASPENDALE (AUSTRALIA). DIV. OF		CANBERRA (AUSTRALIA). DIV. OF SOILS.	W74-04544 7-09 5D
ATMOSPHERIC PHYSICS.		Fragmentation of Granitic Quartz in Water,	
The Estimation of Net Radiation and Po		W74-03065 7-06 2J	COMMONWEALTH SCIENTIFIC AND
Evapotranspiration Using Atmometer Me	easure-		INDUSTRIAL RESEARCH ORGANIZATION,
ments,		Seasonal and Stratigraphic Controls in Coastal	MELBOURNE (AUSTRALIA). DIV. OF
W74-04129 7-0	08 2D	Floodplain Soils,	PROTEIN CHEMISTRY.
Some Evidence of Stomatal Restrict	ion of	W74-07030 7-13 2G	An Automatic Sample Loader for Column
Evaporation From Well-Watered Plant		COMMONWEALTH SCIENTIFIC AND	Chromatography,
pies.	Cano	INDUSTRIAL RESEARCH ORGANIZATION,	W74-05438 7-11 5A
	1 2D	CRENULLA (AUSTRALIA). DIV. OF	COMMONWEALTH SCIENTIFIC AND
		FISHERIES AND OCEANOGRAPHY.	INDUSTRIAL RESEARCH ORGANIZATION,
A Direct Comparison of Satellite and A		An Algal Mass Culture Unit for Feeding	MELBOURNE (AUSTRALIA). FOREST
Infrared (10 Micrometers-12 Micro		Marine Invertebrate Larvae,	PRODUCTS LAB.
Remote Measurements of Surface Te	mpera-	W74-08723 7-17 5C	The Effects of Transverse Cuts Through the
ture,		111 30	Stems of Transpiring Woody Plants on Water
W74-07578 7-	14 7B	COMMONWEALTH SCIENTIFIC AND	Transport and Stress in the Leaves,
COMMONWEALTH SCIENTIFIC AND		INDUSTRIAL RESEARCH ORGANIZATION,	W74-10790 7-20 2D
INDUSTRIAL RESEARCH ORGANIZATION	ON	CRONULLA (AUSTRALIA). DIV. OF	
CANBERRA (AUSTRAILIA). DIV. OF LA		FISHERIES AND OCEANOGRAPHY; AND	COMMONWEALTH SCIENTIFIC AND
RESEARCH.	10	QUEEN'S UNIV., KINGSTON (ONTARIO).	INDUSTRIAL RESEARCH ORGANIZATION,
Pests, Crop Damage and Control Practic	es with	DEPT. OF BIOLOGY.	NORTH RYDE (AUSTRALIA).
Irrigated Cotton in a Tropical Environme		The Excretion of Organic Nitrogen by Marine	Extended Tables for Kendall's Tau,
	04 5G	Algae in Batch and Continuous Culture,	W74-01497 7-03 7C
		W74-04102 7-08 5C	COMMONWEALTH SCIENTIFIC AND
COMMONWEALTH SCIENTIFIC AND		COMMONWELL BY COMMONWELL AND	
INDUSTRIAL RESEARCH ORGANIZATION	ON,	COMMONWEALTH SCIENTIFIC AND	INDUSTRIAL RESEARCH ORGANIZATION, NORTH RYDE (AUSTRALIA), DIV. OF FOOD
CANBERRA (AUSTRALIA).		INDUSTRIAL RESEARCH ORGANIZATION,	RESEARCH.
On Solving the Unsaturated Flow Eq	uation:	DENILIQUIN (AUSTRALIA). RIVERINA LAB.	An Appraisal of Identification Methods for
The Flux-Concentration Relation,		Seasonal Changes in Sodium and Chloride Con-	Penicillium Species: Novel Taxonomic Criteria
W74-02464 7-	05 2G	centration of Saltbush (Atriplex spp.) Leaves as Related to Soil and Plant Water Potential,	Based on Temperature and Water Relations,
Inositol Polyphosphates in Activated Slu	dee.	W74-02105 7-04 2I	W74-04902 7-10 5A
	11 5B	W 74-02103	
		COMMONWEALTH SCIENTIFIC AND	COMMONWEALTH SCIENTIFIC AND
Infiltration into a Swelling Material,		INDUSTRIAL RESEARCH ORGANIZATION,	INDUSTRIAL RESEARCH ORGANIZATION,
W74-08230 7-	16 2G	GRIFFITH (AUSTRALIA). DIV. OF	SYNDAL (AUSTRALIA). DIV. OF APPLIED
Coupling Between Transport Processes	. in	IRRIGATION RESEARCH.	GEOMECHANICS.
Anisotropic Mixture of Fluids and Soli		Leaf Orientation of a Cotton Plant,	Bore Hole Sampling of Saturated Uncemented
cles,	u raiu-	W74-04132 7-08 3F	Sands and Gravels,
	-24 2J		W74-09094 7-17 4B
11112017		Evaporation from an Irrigated Rice Crop in a	COMMONWEALTH SCIENTIFIC AND
COMMONWEALTH SCIENTIFIC AND		Semi-Arid Region, W74-07096 7-14 2D	INDUSTRIAL RESEARCH ORGANIZATION,
INDUSTRIAL RESEARCH ORGANIZATI	ON,	W/4-0/096 /-14 2D	TOWNSVILLE (AUSTRALIA). DIV. OF
CANBERRA (AUSTRALIA). DIV. OF		Controlled Environment Studies of the Effects	TROPICAL PASTURES.
ENVIRONMENTAL MECHANICS.		of Variable Atmospheric Water Stress on	Evaluation of Influence of Available Soil Water
Movement of Salt and Water in Relative	ely Dry	Photosynthesis, Transpiration, and Water	Storage Capacity on Growing Season Length
Soils,		Status of Zea mays L. and Other Species,	and Yield of Tropical Pastures Using Simple
W74-01088 7-	02 2G	W74-08754 7-17 2D	Water Balance Models,
Measurement of Moisture Diffusivity	of Wet		W74-06927 7-13 3F
Swelling Systems,	01 1101	Measurement of Evapotranspiration in the	
	09 2G	Presence of Advection, by means of a Modified	COMMONWEALTH SCIENTIFIC AND
		Energy Balance Procedure,	INDUSTRIAL RESEARCH ORGANIZATION,
One-Dimensional Vertical Infiltration,		W74-08760 7-17 2D	WEMBLEY (AUSTRALIA). DIV. OF LAND
W74-07034 7-	13 2G	The Response of a Glasshouse to High Solar	RESOURCES MANAGEMENT.
COMMONWEALTH SCIENTIFIC AND		Radiation and Ambient Temperature,	The Seasonal Growth of Lovegrass (Eragrostis
INDUSTRIAL RESEARCH ORGANIZATI	ON	W74-13347 7-24 2I	Curvula) on Deep Sandy Soils In A Semi-Arid
CANBERRA (AUSTRALIA). DIV. OF	on,	7-44 61	Environment, W74-02942 7-06 3F
ENVIRONMENTAL MECHANICS.		COMMONWEALTH SCIENTIFIC AND	1-02342 /-06 3F
Soil Moisture Distribution During Two-	Dimen-	INDUSTRIAL RESEARCH ORGANIZATION,	COMMONWEALTH SCIENTIFIC INDUSTRIAL
sional Absorption from a Cylindrical So		MELBOURNE (AUSTRALIA). DIV. OF	RESEARCH ORGANIZATION, NORTH RYDE
	13 2G	APPLIED GEOMECHANICS.	(AUSTRALIA). DIV. OF MINERALOGY.
	-	Lime Grout Penetration and Associated	Chemical Aspects of Underground Water,
COMMONWEALTH SCIENTIFIC AND		Moisture Movements in Soil,	W74-05080 7-10 4B

W74-07871

W74-11696

BUILDING RESEARCH.

COMMONWEALTH SCIENTIFIC AND

MELBOURNE (AUSTRALIA). DIV. OF

INDUSTRIAL RESEARCH ORGANIZATION,

Models for Allocation of Water Resources,

7-15 8D

7-22 6A

INDUSTRIAL RESEARCH ORGANIZATION,

Linear Systems Technique Applied to Hydrologic Data Analysis and Instrument Evaluation: A Case Study on Data from the

7-09 2A

CANBERRA (AUSTRALIA). DIV. OF LAND

RESEARCH.

W74-04470

Alice Springs Area,

COMMONWEALTH SCIENTIFIC INDUSTRIAL

Borehole Sampling of Satuarated Uncemented

RESEARCH ORGANIZATION, SYNDAL

(AUSTRALIA). DIV. OF APPLIED

GEOMECHANICS.

W74-05081

Sands and Gravels,

COMMONWEALTH SCIENTIFIC INDUSTRIAL RESEARCH ORGANIZATION,

COMMONWEALTH SCIENTIFIC INDUSTRIAL RESEARCH ORGANIZATION, SYNDAL	CONNECTICUT COLL., NEW LONDON. DEPT. OF BOTANY.	Wetland Geology, W74-08161 7-16 2L
(AUSTRALIA). SOIL MECHANICS SECTION. The Significance of Moisture Flow and	The Ecological Role of Inland Wetlands, W74-08164 7-16 2L	CONNECTICUT UNIV., STORRS. DEPT. OF MECHANICAL ENGINEERING.
Equilibria in Unsaturated Soils in Relation to the Design of Engineering Structures Built on	CONNECTICUT DEPT. OF ENVIRONMENTAL	Vortex Containment of Submerged Jet
Shallow Foundations in Australia, W74-07899 7-15 8D	PROTECTION, HARTFORD. Inland Wetlands from the Administrators View-	Discharge, W74-05912 7-11 8B
	pointBased on Experiences with Connec-	CONNECTICUT UNIV., STORRS. INST. OF
COMPAGNIE GENERALE DES EAUX, PARIS (FRANCE).	ticut's Inland Wetlands and Water Courses	WATER RESOURCES.
Study Relating to the Use of a Process Control	W74-08168 7-16 6E	Stability Criteria for Bound-Rock Erosion Pro- tection.
Computer for a Water Treatment Plant in France.	State Responsibility in Managing the Environ-	W74-00390 7-01 4D
W74-12119 7-23 5F	ment,	The Politics of Water Pollution,
COMPAGNIE INTERCOMMUNALE		W74-00391 7-01 5G
BRUXELLOISE DES EAUX (BELGIUM). Leak Detection.	CONNECTICUT INLAND WETLANDS PROJECT, MIDDLETOWN.	A Bioassay Compromise, W74-05045 7-10 5C
W74-05095 7-10 8G	The Connecticut Tidal Wetlands Survey,	
COMPTROLLER GENERAL OF THE UNITED	W74-08159 7-16 6E	Efficient Pricing for Urban Waste Water Renovation,
STATES, WASHINGTON, D.C. Report to the CongressWater Pollution Abate-	CONNECTICUT UNIV., GROTON. MARINE	W74-06828 7-13 5D
ment Program: Assessment of Federal and	SCIENCES INST. On the Measurement of Turbulence in Estua-	Hydrogeologic Investigation of a Sanitary
State Enforcement Efforts, Environmental Pro- tection Agency.	ries, W74-04933 7-10 5B	Landfill in Stratified Glacial Drift, W74-07728 7-15 5B
W74-10715 7-20 6E		Proceedings: First Wetlands Conference, June
COMPUTER SCIENCES CORP., LAS VEGAS,	CONNECTICUT UNIV. HEALTH CENTER, FARMINGTON.	20, 1973,
NEV. SCIENTIFIC SYSTEMS DEPT. ATS Amargosa Tracer Study - Program	Microdilution Antibiotic Susceptibility Test:	W74-08157 7-16 2L
Manual,	Examination of Certain Variables, W74-02968 7-06 5A	Panel Review and Commentary, W74-08172 7-16 6E
W74-10638 7-20 5B	CONNECTICUT UNIV., STORRS.	
COMPUTER SCIENCES CORP.,	Growth of Patterned Ground in Victoria Land,	Effects of Simultaneous Variations of Diel Changes of Temperature, Dissolved Oxygen,
WASHINGTON, D.C. Document Services and Referral Activities in	Antarctica, W74-04367 7-09 2C	Salinity, and a Pollutant on the Growth of White Catfish,
Industry and the Federal Government, W74-03052 7-06 10B		W74-12524 7-23 5C
	The Environmental Impact of Cadmium, W74-07530 7-14 5A	The Quantity and Movement of Nitrates in Soil
CONCO INC., MENDOTA, ILL. Hydraulic Sewer Pipe Line Cleaner,	The Environmental Context,	Water in Two Connecticut Soils Treated with High and Low Levels of Inorganic Nitrogen
W74-10023 7-19 8C	W74-07696 7-15 5C	Fertilizer,
CONGRESSIONAL INFORMATION SERVICE,	Induced Infiltration at the University of Con-	W74-12595 7-23 5B
WASHINGTON, D.C. Document Services and Referral Activities in	necticut Well Field, W74-12529 7-23 4B	Hydrological Analyses Using Atmospheric Vapor Data,
the Legal, Legislative, and Regulatory Area,		W74-12596 7-23 2A
W74-03051 7-06 10B	CONNECTICUT UNIV., STORRS. DEPT. OF AGRICULTURAL ECONOMICS.	Indicator Species in the Desmid Staurastrum,
CONNECTICUT AGRICULTURAL EXPERIMENT STATION, NEW HAVEN.	Pricing of Industrial Wastewater Treatment	W74-12597 7-23 5A
Can We Save Our Salt Marshes,	Service, W74-07727 7-15 5D	Shellfish Culture Using the Heated Effluent
W74-05803 7-11 2L	CONNECTICUT UNIV., STORRS. DEPT. OF	from Electric Power Plants, W74-13045 7-24 5C
Gravity Correction Due to a Variation of Pres- sure Head Within a Cavity,	CHEMISTRY.	CONNECTICUT UNIV., STORRS.
W74-06734 7-13 2G	A Universal Ion-Selective Electrode Based on Graphite Paste.	SYSTEMATIC AND EVOLUTIONARY
Inland Wetland Soils,	W74-06758 7-13 2K	BIOLOGY SECTION. The Connecticut Tidal Wetlands Survey,
W74-08160 7-16 2G	CONNECTICUT UNIV., STORRS. DEPT. OF	W74-08158 7-16 6E
Insects (Chrysops Flies) in Connecticut Salt	CIVIL ENGINEERING. Quick-Time Instrumental Measurements of	CONNNECTICUT AGRICULTURAL
Marshes, W74-08166 7-16 2L	Wastewater Organic Characteristics,	EXPERIMENT STATION, NEW HAVEN. Analytical Theory of Water Movement in Soils,
CONNECTICUT AGRICULTURAL	W74-02170 7-05 5A	W74-12825 7-24 2G
EXPERIMENT STATION, NEW HAVEN. DEPT.	Prefabricated Filter-Fin for Subsurface Drains, W74-06348 7-12 4A	CONSEJO SUPERIOR DI INVESTIGACIONES
OF ECOLOGY. Vertical Infiltration into a Layered Soil,		CIENTIFICAS, MADRID (SPAIN). INSTITUTO DE EDAFOLOGIA Y BIOLOGIA VEGETAL.
W74-00603 7-02 2G	CONNECTICUT UNIV., STORRS. DEPT. OF GEOLOGY.	Turgor Differences and Water Stress in Maize and Sorghum Leaves During Drought and
CONNECTICUT AGRICULTURAL	Inland Wetlands and Ground Water in Eastern	Recovery,
EXPERIMENT STATION, NEW HAVEN. DEPT. OF ECOLOGY AND CLIMATOLOGY.	Connecticut, W74-08162 7-16 2F	W74-11191 7-21 2I
Stomatal Mechanics,	CONNECTICUT UNIV., STORRS. DEPT. OF	CONSERVATION FOUNDATION, WASHINGTON, D.C.
W74-07593 7-14 2I	GEOLOGY AND GEOGRAPHY.	A Summary Report on the Study of Land and
Lateral Movement at the Periphery of a One- Dimensional Flow of Water,	Mucilaginous Matrix of Some Estuarine Sands in Connecticut,	Water Resources in Northeast Greenwich, Connecticut.
W74-12309 7-23 2G	W74-04066 7-08 2L	W74-04996 7-10 4D

Coastal Ecosystems. Ecological Considerations	CONSULTEC, ROCKVILLE, MD.	Ponds in Southwest Greenland (the Narssaq
	Fabric Boom Concept for Containment and	Area).
for Management of the Coastal Zone, W74-08642 7-16 2L	Collection of Floating Oil,	W74-10799 7-20 5C
W74-08642 7-16 2L	W74-04044 7-08 5G	W 74-10755 7-20 SC
CONSERVATOIRE BOTANIQUE, GENEVA	W/4-04044 /-08 3G	COPLEY INTERNATIONAL CORP., LA
(SWITZERLAND).	CONTINENTAL CAN CO., INC., HODGE, LA.	JOLLA, CALIF.
Climatic Data of the High Altitude Meteorolog-	Color Removal and Sludge Recovery from	The Market Structure of the Southern Califor-
ical Stations of the Geneva Region For 1970,	Total Mill Effluent.	nia Water Industry,
(In French),	W74-03077 7-06 5D	W74-10414 7-20 6B
W74-06532 7-13 7C		
W 74-00332 7-13 7C	CONTINENTAL CAN CO., INC., HODGE, LA.	CORE LAB., INC., DALLAS, TEX.
CONSET, INC., WASHINGTON, D.C.	MILL OPERATIONS DIV.	Proper Hydration of Clays for Rock Property
The States Enter the Rural Water Picture,	Color Removal and Sludge Disposal Process	Determinations,
W74-10106 7-19 6E	for Kraft Mill Effluents,	W74-03153 7-06 2F
W/4-10100	W74-11803 7-22 5D	CORNELL HOME AND HAVES AND
CONSET, INC., WASHINGTON, D.C.		CORNELL, HOWLAND, HAYES AND
NATIONAL DEMONSTRATION WATER	CONTINENTAL OIL CO., HOUSTON, TEX.	MERRYFIELD, RESTON, VA.
PROJECT.	Chart Tells Annular Circulation Pressures,	Urban Water Resources-Some Planning Fun-
Beyond 'City Water': Rural Water System	W74-05096 7-10 8B	damentals,
Design,	0.1.1. 0.00. 0.11. 75.00.1. 00.07	W74-11645 7-22 6B
W74-09538 7-18 6B	Solving Drilling Problems Utilizing Well Logs -	CORNELL UNIV., ITACA, N.Y.
W 14-05550	A Case History,	Optimal Control of Nitrogen Losses from Land
Two Tests for the Cluster Well Concept,	W74-07898 7-15 8G	Disposal Areas,
W74-09549 7-18 8A	CONTINENTAL OIL CO., PONCA CITY,	W74-02677 7-06 5B
17-10 GA	OKLA.	W 14-02011 1-00 3B
CONSIGLIO NAZIONALE DELLE RICARCHE,		CORNELL UNIV., ITHACA, N.Y.
NAPLES (ITALY). LABORATORIO DI	Planning and Analysis of Pulse-Tests, W74-03164 7-06 2F	Studies in the Analysis of Metropolitan Water
CHIMICA E FISICA DI MOLECOLE DI	W/4-03164 /-06 2F	Resources Systems, Vol. VI Estimating Econo-
INTERESSE BIOLOGICO.	Experimental Pressure Studies on Frost Heave	mies of Scale in Thermal Electric Power
Effects of pH and Temperature on the Fatty	Mechanisms and the Growth-Fusion Behavior	Systems Subjected to Environmental Quality
Acid Composition of Bacillus Acidocaldarius,	of Ice.	Constraints,
W74-05461 7-11 5C	W74-04385 7-09 2C	W74-00002 7-01 6B
W/4-03401 /-11 3C	7 05 20	
CONSIGLIO NAZIONALE DELLE RICERCHE,	Drill Pipe Failures: Where Do We Go From	Studies in the Analysis of Metropolitan Water
MILAN (ITALY). LABORATORIO PER LA	Here,	Resource Systems-Volume VII: Conflict and
GEOFISICA DELLA LITOSFERA.	W74-07869 7-15 8G	Choice: Multiobjective Water-Resources
A Preliminary Evaluation of ERTS-1 Images on		Planning,
the Volcanic Areas of Southern Italy (NASA	How to Diagnose a Thief Zone,	W74-01784 7-04 6A
Contract FO-013),	W74-12536 7-23 8G	
W74-06691 7-13 7C	COMPRISE OF CO. BONCA CITY	Computer Simulation of Trophic Level Inter-
W/4-00091 /-13 /C	CONTINENTAL OIL CO., PONCA CITY,	relationships in Cayuga Lake,
CONSIGLIO NAZIONALE DELLE RICERCHE,	OKLA. MAINTENANCE ENGINEERING DEPT.	W74-02216 7-05 5C
NAPLES (ITALY). LABORATORIO DI	Choosing a Static Inverter System,	Paralle and Continue District Continue
CIBERNETICA.	W74-01547 7-03 7B	Experimental Studies on Phytoplankton Suc-
A Simple Turbidimeter for Rapid Determina-	CONTROL AND METERING LTD., TORONTO	cession in Cayuga Lake,
tion of Low Bacteria Concentrations,	(ONTARIO).	W74-02217 7-05 5C
W74-06147 7-12 5A	Chemical Handling: The Chemical Feeder and	Soil Freezing in Relation to Pore Water Pres-
W/4-0014/ /-12 JA	Its Related System When Applied to Alum,	sure and Temperature,
CONSIGLIO NAZIONALE DELLE RICERCHE,	Ferric Chloride, Lime and Polymers,	W74-04381 7-09 2C
ROME (ITALY). INST. FOR WATER	W74-08857 7-17 5D	111111111111111111111111111111111111111
RESEARCH.	W/4-08837 /-17 3D	Reasonable State Regulation of the Interstate
Mathematical Approach to Water Resources	CONTROL SYSTEMS RESEARCH, INC.,	Transfer of Percolating Water,
Management in Italy,	ARLINGTON, VA.	W74-04980 7-10 4A
W74-05397 7-10 6A	Manual for Calculation of Conventional Water	
W /4-0339/ /-10 GA	Treatment Costs,	Agricultural Pollution Control and Enforcement
CONSOLIDATED EDISON CO. OF NEW YORK,	W74-08333 7-16 3A	in New York State,
INC., NEW YORK.		W74-05285 7-10 5B
The Regulation of the Environmental Effects	COOKE (W. L.) LTD, AUCKLAND (NEW	Candian in the Application of Manager Party
	ZEALAND).	Studies in the Analysis of Metropolitan Water
of Nuclear Power Plants, W74-09866 7-19 5C	Some Methods of Dealing With Low Enthalpy	Resource Systems, Volume VIII: Some Data
7-19 JC	Water in the Rotorua Area of New Zealand,	and Methods for Analyzing Metropolitan
CONSOLIDATION COAL CO.,	W74-09043 7-17 4B	Wastewater Reclamation and Reuse Systems,
PINCKNEYVILLE, ILL. MIDWESTERN DIV.		W74-05951 7-12 5D
Control of Mine Drainage from Coal Mine	COPENHAGEN UNIV. (DENMARK).	Planning and Operation of Urban Water Quali-
Mineral Wastes: Phase II. Pollution Abatement	FRESHWATER BIOLOGICAL LAB.	ty Management Systems,
and Monitoring,	Ecology and Production of the Profundal	W74-07334 7-14 5D
W74-08661 7-16 5G	Benthos in Relation to Phytoplankton in Lake	
, 10 30	Esrom,	Control of Biological Solids Concentration in
CONSTRUCTION ENGINEERING INST.,	W74-00466 7-01 5C	Extended Aeration,
WARSAW (POLAND).	COPENHAGEN UNIV. (DENMARK). H. C.	W74-09508 7-18 5D
Wave Effect on the Coast Formation and Ero-	OERSTED INST.	
sion,		Windrow Composting of Swine Wastes,
W74-04335 7-09 2J	The Standard Potential of the Single-Crystal	W74-09676 7-18 5D
	Copper Electrode in Aqueous Solutions, W74-06149 7-12 2K	Undercase Drying of Laving Han Many
CONSTRUCTIONAL INDUSTRY RESEARCH	1-12 2K	Undercage Drying of Laying Hen Manure, W74-09678 7-18 5D
AND INFORMATION ASSOCIATION, LONDON	COPENHAGEN UNIV. (DENMARK). INST. OF	W74-09678 7-18 5D
(ENGLAND).	HYGIENE.	Evaluation of Dehydrated Poultry Manure as a
Computers in Structural Design,	Some Characteristic Features of the Bacterial	Potential Poultry Feed Ingredient,
W74-12123 7-23 8A	Decomposition in Sediments from Lakes and	W74-09688 7-18 5D

CORNELL UNIV., ITHACA, N.Y.

Removal of Phosphorus from Liquid Animal Manure Wastes,	An Empirical Intermolecular Potential Energy Function for Water,	CORNELL UNIV., ITHACA, N.Y. DIV. OF ATMOSPHERIC SCIENCES.
W74-09696 7-18 5D	W74-11106 7-21 2K	Phenology Satellite Experiment,
A Study of Corn Response and Soil Nitrogen	Structure of Liquid Water. Statistical Ther-	W74-01682 7-04 4A
Transformations Upon Application of Different Rates and Sources of Chicken Manure,	modynamic Theory, W74-13417 7-24 1A	CORNELL UNIV., ITHACA, N.Y. LAB. OF SOIL MICROBIOLOGY.
W74-09701 7-18 5D		Microbial Formation of Nitrosamines in Vitro,
Pilot Plant Comparison of Liquid and Dry	Structure of Liquid Water. II. Improved Statistical Thermodynamic Treatment and Im-	W74-00654 7-02 5B
Waste Management Systems for Poultry Manure,	plications of a Cluster Model,	Estimating the Density of Individual Bacterial
W74-09709 7-18 5D	W74-13418 7-24 1A	Populations Introduced into Natural Ecosystems,
An Information System for the Management of	CORNELL UNIV, ITHACA, N.Y. DEPT. OF CIVIL AND AGRICULTURAL ENGINEERING.	W74-04890 7-10 5A
Lake Ontario, W74-09752 7-18 2H	Phosphate Removal from Duck Farm Wastes,	CORNELL UNIV., ITHACA, N.Y. PEACE
	W74-13309 7-24 5D	STUDIES PROGRAM.
Power Plants and Cottontails, W74-09982 7-19 5G	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	The Nuclear Safeguards Problem, W74-08949 7-17 5C
Combining Experiments to Predict Future	CONSERVATION. Water Uses and Water Development in Fall	
Yield Data,	CreekPossible Conflicts,	CORNELL UNIV., ITHACA, N.Y. PESTICIDE RESIDUE LAB.
W74-10344 7-19 3F	W74-07149 7-14 6B	Arsenic Content of Fish from New York State
CORNELL UNIV., ITHACA, N.Y.	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	Waters, W74-01900 7-04 5C
AGRICULTURAL EXPERIMENT STATION. A Conveniently Constructed Divisor for	ECOLOGY AND SYSTEMATICS. Basic Research in the Aquatic Environment:	
Splitting Low Water Flows, W74-03522 7-07 7B	Effects of Eutrophication on Phytoplankton	CORNELL UNIV., ITHACA, N.Y. SCHOOL OF CIVIL AND ENVIRONMENTAL
	and Selected Species of Aquatic Vascular Plants-Phase II.	ENGINEERING.
CORNELL UNIV., ITHACA, N.Y. COLL. OF AGRICULTURAL ENGINEERING.	W74-12365 7-23 5C	Evaporation and Cooling of a Lake Under Un- stable Atmospheric Conditions,
Characteristics and Comparative Magnitude of	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	W74-00374 7-01 2D
Non-Point Sources, W74-12278 7-23 5B	ENTOMOLOGY.	Heat and Water Vapor Exchange Between
CORNELL UNIV., ITHACA, N.Y. DEPT. OF	Ecological Impact of Pesticides, W74-01573 7-03 5C	Water Surface and Atmosphere, W74-01930 7-04 2D
AGRICULTURAL ECONOMICS.		W74-01930 7-04 2D
Accelerated Growth in Agricultural Production and the Intersectoral Transfer of Resources,	CORNELL UNIV., ITHACA, N.Y. DEPT. OF ENVIRONMENTAL ENGINEERING.	Cell Yield and Growth Rate in Activated Sludge.
W74-09550 7-18 3F	Annual Literature Review: Administration,	W74-02960 7-06 5C
CORNELL UNIV., ITHACA, N.Y. DEPT. OF	Systems Analysis, W74-10322 7-19 6A	CORNELL UNIV., ITHACA, N.Y. SECTION OF
AGRICULTURAL ENGINEERING.		ECOLOGY AND SYSTEMATICS.
Electric In-House Drying of Poultry Waste, W74-00426 7-01 5D	CORNELL UNIV., ITHACA, N.Y. DEPT. OF GEOLOGICAL SCIENCES.	Acid Rain: A Serious Regional Environmental Problem.
Design of Milking Center Waste Management	What Future for Niagara Falls,	W74-09098 7-17 5B
Systems,	W74-05135 7-10 2J	Primary Production: Freshwater Ecosystems,
W74-10301 7-19 5D	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	W74-10805 7-20 5C
CORNELL UNIV., ITHACA, N.Y. DEPT. OF AGRONOMY.	MECHANICAL ENGINEERING. On the Stability of Laminar Plumes: Some Nu-	CORNELL UNIV., ITHACA, N.Y. WATER
2,4-dichlorophenoxyacetate metabolism by	merical Solutions and Experiments,	RESOURCES AND MARINE SCIENCES
Arthrobacter sp.: Accumulation of a Chlorobu-	W74-04662 7-09 5B	CENTER. Development of a Marginal Analysis Capability
tenolide, W74-01550 7-03 5B	CORNELL UNIV., ITHACA, N.Y. DEPT. OF NATURAL RESOURCES.	for Water Resources Simulation Models,
Surface Runoff Nutrient Losses from Various	Age and Growth of the Cisco in Oneida Lake,	W74-02682 7-06 4A
Land Disposal Systems for Dairy Manure,	New York,	Trophic Level Interrelationships in Cayuga
W74-09702 7-18 5B	W74-02072 7-04 2H	Lake, New York, W74-03769 7-08 2H
Lead, Cd, Zn, Cu, and Co in Streams and Lake Waters of Cayuga Lake Basin, New York.	A Chart of New York Water Law, W74-06614 7-13 6E	Basic Research in the Aquatic Environment:
W74-09762 7-18 5B		Effects of Eutrophication on Phytoplankton
Surface Runoff Losses of Soluble Nitrogen and	Application of the LUNR Inventory System for Water Resources Planning and Management in	Populations and Selected Species of Aquatic Vascular Plants,
Phosphorus Under Two Systems of Soil Management,	the Susquehanna River Basin,	W74-06835 7-13 5C
W74-10789 7-20 5B	W74-09807 7-19 6B	The Runoff of Water and Nutrients from
Computer Modeling of Sediment and	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	Watersheds Tributary to Cayuga Lake, New
Phosphorus Movement into Canadarago Lake,	POULTRY SCIENCE. Effect of Waste Management and Egg	York, W74-06848 7-13 5B
W74-10807 7-20 5B	Processing on the Flavor of Cooked Eggs,	
Microbial Degradation of DDT, W74-11992 7-22 5B	W74-11236 7-21 5C	Water and Nutrient Budgets for Cayuga Lake, New York,
	CORNELL UNIV., ITHACA, N.Y. DEPT. OF	W74-06849 7-13 5B
CORNELL UNIV., ITHACA, N.Y. DEPT. OF CHEMISTRY.	THERMAL ENGINEERING. A Prediction of Changes in the Thermal Cycle	A Study of Potential Institutional Arrange-
Multielement Instrumental Neutron Activation Analysis of Biological Materials,	of a Stratified Lake Used to Cool a 1000 MW Power Plant,	ments for Water Quality and Water Resources
W74-00289 7-01 2K	W74-07998 7-15 5C	(Quantity) Planning and Management, W74-07051 7-14 6B

CORPS OF ENGINEERS, WASHINGTON, D.C. BEACH EROSION BOARD.

The Role of Public Involvement in Water	CORPS OF ENGINEERS, ATLANTA, GA.	CORPS OF ENGINEERS, PORTLAND, OREG.
Resources Planning and Development, A Re- port with Readings on Research and Experi-	SOUTH ATLANTIC DIV. Development and Future of Dredging.	NORTH PACIFIC UNIV. The Coast as Seen by the Corps of Engineers,
mentation in Public Affairs Education. W74-07610 7-15 6B	W74-08893 7-17 5G	W74-12763 7-24 6B
W /4-0/610 /-13 6B	The Threshold of Environmental Reason,	CORPS OF ENGINEERS, PORTLAND, OREG.
An Evaluation of the Needs in Freshwater	W74-12768 7-24 6G	SPECIAL PROJECTS INVESTIGATION
Research and Related Public Information		SECTION.
Facilities,	CORPS OF ENGINEERS, BALTIMORE, MD.	Phenomena Affecting Improvement of the
W74-07838 7-15 6G	Chesapeake Bay Existing Conditions Report,	Lower Columbia Estuary and Entrance,
Planning and Analysis of Metropolitan Water	Appendix AThe People and the Economy. W74-00887 7-02 2L	W74-04763 7-09 2L
Resource Systems,	W/4-0088/	CORPS OF ENGINEERS, VICKSBURG, MISS.
W74-11451 7-22 6A	Chesapeake Bay Existing Conditions Report,	Ammonia Volatilization and Nitrogen Transfor-
	Appendix B, The Land-Resources and Use,	mations in High pH Soils Used for Beef
CORNING GLASS WORKS, N. Y. RESEARCH	Volume I.	Manure Disposal,
AND DEVELOPMENT LAB,.	W74-00888 7-02 2L	W74-10143 7-19 5B
Polymer Membrane Electrodes. Part I. A	Chesapeake Bay Existing Conditions Report,	
Choline Ester-Selective Electrode, W74-00647 7-02 2K	Appendix B, The Land-Resources and Use,	CORPS OF ENGINEERS, WALTHAM, MASS.
W/4-0004/	Volume II.	Maintenance Dredging and Jetty Repair, Hamp-
Polymer Membrane Electrodes. Part II. A	W74-00889 7-02 2L	ton Harbor, New Hampshire (Final Environ-
Potassium Ion-Selective Membrane Electrode,		mental Statement). W74-09273 7-18 4A
W74-00648 7-02 2K	Chesapeake Bay Existing Conditions Report,	W14-03213 7-16 4A
Trace Metals in Lake Courses Lake Trent	Appendix C, The BayProcesses and Resources, Volume I.	Maintenance Dredging, Chatham (Stag E) Har-
Trace Metals in Lake Cayuga Lake Trout (Salvelinus Namaycush) in Relation to Age,	W74-00890 7-02 2L	bor, Massachusetts (Final Environmental State-
W74-11336 7-21 5C	W 74-00090 7-02 2E	ment).
7-21 50	Chesapeake Bay Existing Conditions Report,	W74-09274 7-18 4A
CORNING GLASS WORKS, RESEARCH AND	Appendix C, The BayProcesses and	CORRE OF PROPERTY WATTHAM MACE
DEVELOPMENT LAB., N.Y.	Resources, Volume II.	CORPS OF ENGINEERS, WALTHAM, MASS.
Trace Metals in New York State Fish,	W74-00891 7-02 2L	NEW ENGLAND DIV. Hurricane Studies for Narragansett Bay.
W74-11934 7-22 5C	Charanaska Bay Existing Conditions Banast	W74-04970 7-10 8B
CORNWALL DIVER AUTHORITY	Chesapeake Bay Existing Conditions Report, Appendix DMap Folio.	7-10 BB
CORNWALL RIVER AUTHORITY, LAUNCESTON (ENGLAND).	W74-00924 7-02 2L	Maintenance Dredging, New Haven Harbor,
The Effect of Sand Deposition Upon the		Connecticut (Final Environmental Impact
Macro-Invertebrate Fauna of the River Camel,	CORPS OF ENGINEERS, CHICAGO, ILL.	Statement).
Cornwall,	NORTH CENTRAL DIV.	W74-11140 7-21 4C
W74-01244 7-03 2I	Can Dredging Be Continued to Maintain Great	CORPS OF ENGINEERS, WASHINGTON, D.C.
m nu	Lakes, W74-10899 7-20 6D	Water Renovation for Unrestricted Re-Use,
The Effect of China-Clay Wastes on Stream In-	W /4-10899 /-20 6D	W74-04034 7-08 5D
vertebrates, W74-01527 7-03 5C	CORPS OF ENGINEERS, DAVIS, CALIF.	7-06 35
W/4-0132/ /-03 3C	HYDROLOGIC ENGINEERING CENTER.	Corps of Engineers Technology Related to
Numerical Indices Applied to the Results of a	Hydrologic Engineering Methods for Water	Design of Pavements in Areas of Permafrost,
Survey of the Macro-Invertebrate Fauna of the	Resources Development. Volume 2. Hydrologic	W74-04414 7-09 4C
Tamar Catchment (Southwest England),	Data Management,	Fanisanantal Statement Fanisana Banda
W74-11322 7-21 5B	W74-01642 7-03 2E	Environmental StatementsEngineer Regula- tions on Preparation and Coordination.
CORNWALL BIVER AUTHORITY	Hydrologic Engineering Methods for Water	W74-09258 7-18 6E
CORNWALL RIVER AUTHORITY, LAUNCESTOR (ENGLAND).	Resources Development: Volume 4. Hydro-	117 0250 7-10 0E
Water Resource Development System,	graph Analysis,	Public Use of Water Resource Development
W74-12134 7-23 4A	W74-13177 7-24 2E	Projects-Proposed Rules and Regulations.
7.22 41		W74-10075 7-19 6E
CORPS OF ENGINEERS, ANCHORAGE,	CORPS OF ENGINEERS, HONOLULU,	Definision of Naninable Water of Water
ALASKA.	HAWAII. PACIFIC OCEAN DIV.	Definition of Navigable Waters of United StatesAdministrative Procedure.
Analysis of the Proposed Little Chena River,	Agana Small Boat Harbor, Agana, Guam (Final Environmental Impact Statement).	W74-10079 7-19 6E
Earthfilled Nonretention Dam, Fairbanks,	W74-07294 7-14 4A	
Alaska,	7-14 41	Regional Wastewater Management Systems for
W74-04412 7-09 8D	CORPS OF ENGINEERS, LOUISVILLE, KY.	the Chicago Metropolitan Area,
Flood Plain InformationPeters Creek,	Final Environmental Statement, West Terre	W74-10778 7-20 5D
Birchwood, Alaska,	Haute Levee, Wabash River, Indiana, Wabash	CORRE OF BUGINEERS WASHINGTON TO
W74-10684 7-20 4A	River Basin.	CORPS OF ENGINEERS, WASHINGTON, D.C.
	W74-08660 7-16 8D	BEACH EROSION BOARD. Mechanical Bypassing of Littoral Drift at In-
Flood Plain Information, Hoadley Creek,	CORPS OF ENGINEERS, OMAHA, NEB.	lets.
Ketchikan, Alaska. W74-11427 7-21 4A	Boulder Creek Flood Control ProjectAn En-	W74-04337 7-09 2L
1-21 4A	vironmental Status Report,	7.07 22
Flood Plain Information, Whipple Creek,	W74-02859 7-06 6F	Wave Forecasting Relationships for the Gulf of
Ketchikan, Alaska.	CORRE OF PROINTING BORTLAND OFFI	Mexico,
W74-11428 7-21 4A	CORPS OF ENGINEERS, PORTLAND, OREG.	W74-04729 7-09 2E
Flood Plain Information Conlana Cont	The National Shoreline Study, W74-08671 7-16 2L	An Approximation of the Wave Run-Up
Flood Plain Information, Carlanna Creek, Ketchikan, Alaska.	W74-08671 7-16 2L	Frequency Distribution,
W74-11429 7-21 4A	CORPS OF ENGINEERS, PORTLAND, OREG.	W74-04740 7-09 2L
721 40	NORTH PACIFIC DIV.	
Flood Plain Information, Ketchikan Creek,	Environmental Policies of the Corps of En-	Laboratory Applications of Radioisotopic
Ketchikan, Alaska.	gineers,	Tracers to Follow Beach Sediments,
W74-11430 7-21 4A	W74-06113 7-12 6G	W74-04751 7-09 2J

CORPS OF ENGINEERS, WASHINGTON, D.C. WASTE WATER MANAGEMENT TASK FORCE.

CORPS OF ENGINEERS, WASHINGTON, D.C.	CREIGHTON UNIV., OMAHA, NEBR.	DAGESTANSKII NAUCHNO-
WASTE WATER MANAGEMENT TASK FORCE.	The Binding of Inorganic and Organic Mercury Compounds (Hg 203) to Constituents of Nor-	ISSLEDOVATELSKII INSTITUT SELSKOGO KHOZYAISTVA, MAKHACHKALA (USSR).
The Role of Land Treatment of Wastewater in	mal Human Blood,	Surface Runoff and Soil Erosion in Foothills of
the Corps of Engineers Wastewater Manage-	W74-06803 7-13 5C	Dagestan (O poverkhnostnom stoke i smyve
ment Program, W74-12897 7-24 5D	CREST ENGINEERING CO., TULSA, OKLA. Steel Pipeline Design,	pochv v predgor'yakh Dagestana), W74-11450 7-21 2J
CORSICANA WATER UTILITIES, TEX.	W74-11119 7-21 8A	DAIKI ENGINEERING CO. LTD., TOKYO
Vacuum Filtration of Sludge, W74-11084 7-21 5D	CRISAFULLI PUMP CO., INC., GLENDIVE,	(JAPAN). (ASSIGNEE)
W74-11084 7-21 5D COUNCIL FOR SCIENTIFIC AND INDUSTRIAL	MONT.	Electrolytic Cell for Electrolysis of Sea Water, W74-03011 7-06 3A
RESEARCH, PRETORIA (SOUTH AFRICA).	Oil Skimmer Module, W74-00961 7-02 5G	DAIRYLAND POWER COOPERATIVE,
Major Port Developments at Richards Bay with	W/4-00701 /-02 3G	LACROSSE, WIS.
Due Regard to Preserving the Natural Environ-	CROMPTON AND KNOWLES CORP.,	Tritium Generation and Release to In-Plant and
ment,	READING, PA. DYES AND CHEMICALS DIV.	Off-Site Environs of the La Crosse Boiling
W74-11125 7-21 2L	The Effect of Selected Dyes in the Environ- ment.	Water Reactor,
COUNCIL OF ECONOMIC ADVISORS,	W74-12950 7-24 5C	W74-02019 7-04 5B
WASHINGTON, D.C.		Environmental Monitoring Report of the
Pollution Control Policy and the Efficient Allo- cation of Resources,	CROWN ZELLERBACH CORP., CAMAS, WASH.	LaCrosse Boiling Water Reactor (Wisconsin)
W74-05637 7-11 5G	Pulp and Paper Mill Sludge Disposal by Com-	from January 1, 1971 to December 31, 1972. W74-09846 7-19 5A
COUNCIL ON ENVIRONMENTAL QUALITY, WASHINGTON, D.C.	bustion, W74-06397 7-12 5D	DALHOUSIE UNIV., HALIFAX (NOVA
Environmental Quality, The Fourth Annual Re-	CROWN ZELLERBACH CORP., CAMAS,	SCOTIA). DEPT. OF BIOCHEMISTRY.
port of the Council on Environmental Quality.	WASH. ENVIRONMENTAL SERVICES DIV.	CO2 Fixation by the Blue-Green Alga Anacystis nidulans,
W74-04504 7-09 5G	Pulp and Paper Mill Sludge Utilization and	W74-00236 7-01 5C
Energy and the EnvironmentElectric Power.	Disposal,	
W74-05330 7-10 5B	W74-02278 7-05 5D	DALHOUSIE UNIV., HALIFAX (NOVA SCOTIA). DEPT. OF BIOLOGY.
Environmental Quality Annual Report (3rd) of	Coliform Bacteria Growth and Control in Aerated Stabilization Basins.	Ultimate Upper Lethal Temperature of Atlantic
the Council on Environmental Quality.	W74-06520 7-13 5D	Salmon Salmo salar L.,
W74-05807 7-11 6G		W74-04869 7-10 5C
CEQ - A View from the Top,	CRYOBIOLOGY RESEARCH INST. MADISON, WIS.	Summer Storage of Energy and Its Use For
W74-06109 7-12 6G	Anomalous Heat Capacities of Supercooled	Winter Metabolism and Gonad Maturation in
Management for the Future,	Water and Heavy Water,	American Plaice (Hippoglossoides platessoides),
W74-12459 7-23 6G	W74-03740 7-07 1B	W74-05463 7-11 2L
COURTAULDS LTD., COVENTRY (ENGLAND).	Clustering in Supercooled Water,	DALBOUGH COME HALLEN WORLS
RESEARCH DIV.	W74-05251 7-10 1A	DALHOUSIE UNIV., HALIFAX (NOVA SCOTIA). DEPT. OF GEOLOGY.
Effluent Treatment at Man-Made Fibre Produc-	CULLIGAN, INC., NORTHBROOK, ILL.	Late Quaternary Sedimentation in the Active
tion Units,	Field Testing of Improved Ion Exchange	Eastern Aleutian Trench,
W74-02263 7-05 5D	Techniques,	W74-05720 7-11 21
COWLITZ, WAHKIAKUM REGIONAL	W74-11826 7-22 3A	DALHOUSIE UNIV., HALIFAX (NOVA
PLANNING COMMISSION, KELSO, WASH.	CULLIGAN, INC., NORTHBROOK, ILL.	SCOTIA). INST. OF OCEANOGRAPHY.
Solid Waste Management Plan, Cowlitz and Wahkiakum Region.	(ASSIGNEE).	Decomposition of Marine Copepods,
W74-00747 7-02 5D	Iodine Treated Activated Carbon and Process	W74-02973 7-06 5A
	of Treating Contaminated Water Therewith,	Tidal Resonance in the Bay of Fundy and Guli
CPC INTERNATIONAL, INC., ENGLEWOOD CLIFFS, N.J. (ASSIGNEE).	W74-03651 7-07 5D	of Maine.
Process for the Reactivation of Powdered Car-	CULLIGAN, INTERNATIONAL CO.,	W74-03434 7-07 2I
bon,	NORTHBROOK, ILL.	The Transport of Organic Carbon to Organisms
W74-13336 7-24 5D	Industrial Water Softener Waste Brine Recla-	Living in the Deep Oceans,
CRAFTMASTER, INC., WILLIAMSPORT, PA.	mation, W74-08941 7-17 5D	W74-04790 7-09 50
(ASSIGNEE).		Posting of County of the Change of County
Oil Reclaiming Device for Removing Oil from	CULP, WESNER, CULP-CLEAN WATER	Breeding and Growth of the Chaetognath Sagit ta Elegans in Bedford Basin,
the Surface of Water,	CONSULTANTS, CORONA DEL MAR, CALIF. Water Resource Preservation by Planned	W74-05317 7-10 50
W74-07206 7-14 5G	Recycling of Treated Wastewater,	
CRANE CO., KING OF PRUSSIA, PA.	W74-01866 7-04 5D	DALHOUSIE UNIV., HALIFAX (NOVA SCOTIA). TRACE ANALYSIS RESEARCH
COCHRANE DIV.	Advanced Wests Tourisment Process Colonian	CENTER.
Application of Microstraining to Combined Sewer Overflow,	Advanced Waste Treatment Process Selection, Part Two.	The Determination of Organo-Sulfur Com
W74-07260 7-14 5D	W74-08245 7-16 5D	pounds by Thin-Layer Chromatography Via
		Ligand-Exchange Precess,
High-Rate Disinfection of Combined Sewer Overflow,	Advanced Waste Treatment Process Selection, Part Three.	W74-01439 7-03 5A
W74-07263 7-14 5D	W74-11135 7-21 5C	DALHOUSIE UNIV., HALIFAX (NOVA
		SCOTIA). TRACE ANALYSIS RESEARCH
CRAWFORD AND RUSSELL, INC., STAMFORD, CONN.	DAGESTANSKII GOSUDARSTVENNYI UNIVERSITET, MAKHACHKALA (USSR).	CENTRE. Electron Donor-Acceptor Reagents in the Anal
Pollution Analyzers for Air and Water-Who	The Birchwoods of Montane Dagestan (In Rus-	ysis of Pesticides. VII. A Simple Model System
makes What,	sian),	Hydrolysis of Some Carbamate Pesticides,
W74-06153 7-12 5A	W74-09232 7-17 4A	W74-06121 7-12 5F

Electron-Donor-Acceptor Com	nleving Re-	DATAMETRIC C'OR H, MCLEA	N VA	Device for Removing Floated Ma	terial in Flota-
agents in the Analysis of Pesti		Development of a Decision		tion Processes.	teriai in Piota-
fluence of Structure in Detection		vironntal Studies, (Feasibility S	tudy),	W74-12807	7-24 5D
cation,		W74-07371	7-14 6G		
W74-06871	7-13 5A	DATATRONIC SUSTEMS CORD	DANOBAMA	DEKALB COUNTY PLANNING DE	PT.,
		DATATRONIC SYSTEMS CORP CITY, CALIF.	., PANOKAMA	DECATUR, GA.	
DALTON-DALTON-LITTLE-NEWI	PORT, INC.,	Environmental Impact Stateme	nte	Natural Features Element of the sive Plan: A Plan for Action.	e Comprenen-
CLEVELAND, OHIO. Urban Runoff by Linearized Su	hhudrographic	W74-08517	7-16 6G	W74-03633	7-07 4C
Method.	onydrographic			11 74-03033	1-01 40
W74-11890	7-22 2A	DAVIDSON COLL., BIOLOGY E		DEL-PAK MEDIA CORP., OAKLA	ND, CALIF.,
11111000		Separation and Analysis of Nat		(ASSIGNEE)	
DAMES AND MOORE, FAIRBANK		W74-08969	7-17 5A	Filter Media for Liquid Wastes	Freatment and
Bio-Processes of the Oxidation I	Ditch in a Sub-	DAVIDSON (MAXWELL) EVAP	ORATORS	Method of Forming the Same,	
Arctic Climate,		LTD., WEST BROMWICH (ENG		W74-00091	7-01 3D
W74-10177	7-19 5D	Multistage Evaporator,		DELAWARE COUNTY PLANNING	:
DAMES AND MOORE, NEW YOR	K.	W74-11050	7-21 3A	COMMISSION, MEDIA, PA.	
Anatomy of a Shoreface-Con		DAYTON MFG. CO., OHIO. (AS	SICNEE)	Sewerage Facilities Plan, in Ac	cordance with
Ridge on the New Jersey Shelf		Waste Treatment System,	SIGNED)	the Pennsylvania Sewerage Act (537).
for the Genesis of the Shelf		W74-05898	7-11 5D	W74-02832	7-06 5D
Sheet,		1174 03030	711 32	DELAWARE CEOLOGICAL SUBS	/PV
W74-05723	7-11 2J	DAYTON UNIV., OHIO.		DELAWARE GEOLOGICAL SURV NEWARK.	EI,
DINTER MANN TOWNSON AND		Analysis of Trace Metal Par		Prediction of Well Development	Possibilities in
DANIEL, MANN, JOHNSON, AND		mospheric Samples Using X-R		Delaware by means of Calibrate	
MENDENHALL, LOS ANGELES, (Best Effluent the Goal,	CALIF.	W74-07709	7-15 5A	Logs,	a Gamma Maj
W74-08214	7-16 5D	Determination of Trace Met	al Pollutants in	W74-01106	7-03 4E
W 74-08214	7-10 3D	Water Resources and Stream S			
DANISH ATOMIC ENERGY COM	MISSION,	W74-12194	7-23 5A	DELAWARE RIVER BASIN COM	MISSION,
RISOE. RESEARCH ESTABLISHM	MENT.	DATE OF THE PARTY	OR BLOL OGN	TRENTON, N.J.	
Environmental Radioactivity in	the Faroes in	DAYTON UNIV., OHIO. DEPT.		Delaware River Basin Commission	n: Annual Ke
1972,		Oxidation of n-Alkanes by resinae,	Ciadosporium	port 1973. W74-05589	7-11 6E
W74-09086	7-17 5B	W74-06763	7-13 5C	W 14-03369	/-11 OE
Favingamental Radiosativity in	Donmark in	117-00/03	1-13 30	Final ReportDeepwater Pilot Pi	lant Treatabili-
Environmental Radioactivity in 1972,	Denmark in	Hydrocarbon Utilization by	Cladosporium	ty Study.	
W74-09087	7-17 5B	resinae,		W74-10540	7-20 5D
W 14-05001	7-17 32	W74-08613	7-16 5B	DELAWARE RIVER BASIN COM	MICCION
Environmental Radioactivity in	Greenland in	DE ANZA COLL., CUPERTINO,	CALIF. DEPT.	TRENTON, N.J. WATER QUALIT	
1972,		OF BIOLOGY.		Regionalization in the Delaware	
W74-09088	7-17 5B	Larval Distribution of Paraclu	nio alaskensis at	W74-10775	7-20 5E
DANISH HYDRAULIC INST. COL	DENUACEN	Point Pinos Sewage Outfall, M	Ionterey County,	W 14-10113	7-20 32
DANISH HYDRAULIC INST., COR COMPUTATIONAL HYDRAULICS		California (Diptera, Chironomi		DELAWARE, UNIV. DEPT. OF BI	OLOGICAL
System 21, 'Jupiter' (A Desig		W74-01779	7-04 5B	SCIENCES. NEWARK.	
Two-Dimensional Nearly-Horizo		DE LAVAL SEPARATOR CO.,		Accumulation and Depuration	
W74-02159	7-05 7C	POUGHKEEPSIE, N.Y.		the American Oyster Crassostrea	7-22 50
		Liquid Composting of Dairy C	ow Waste,	W74-11490	1-22 30
DARTMOUTH COLL., HANOVER		W74-10310	7-19 5D	DELAWARE UNIV., LEWES. COL	L. OF
Land Use of Northern Megalopo		DERELL AND BIGHARDSON I	NC PARTELD	MARINE STUDIES.	
W74-06630	7-13 4A	DEBELL AND RICHARDSON, I CONN.	NC., ENFIELD,	Effect of Spoil Disposal on 1	Benthic Inver
DARTMOUTH COLL., HANOVER	N.H. DEPT.	Research on Composite Hollov	v Tubules	tebrates,	
OF EARTH SCIENCES.	, M.H. DEI I.	W74-00315	7-01 3A	W74-01420	7-03 50
Major Element Geochemistry of	Lake Powell,			Tidal Stream Development and	Its Effect or
W74-05923	7-11 2H	Research on Composite Hollov		the Distribution of the American	
		W74-00317	7-01 3A	W74-04878	7-10 50
DARTMOUTH COLL., HANOVER	R, N.H. DEPT.	DEBERO KOGYO CO. LTD., M	ITO (JAPAN)		
OF PHYSIOLOGY.	TT141	(ASSIGNEE)	iio (siti itiv).	DELAWARE UNIV., NEWARD. DI	EPT. OF
Relation of Trace Metals to Hum		Floating Breakwater for Atten	uating Seas,	BIOLOGICAL SCIENCES.	
W74-09790	7-18 5C	W74-08043	7-15 8B	The Effect of Stress and Non	
DARTMOUTH MEDICAL SCHOO	L,	DEDUCTION AND OBSTRUCTURE	OW A SIMOTEL A DO	tions Upon the Interaction	
HANOVER, N. H. DEPT. OF ANAT		DEDINOVSKAYA OPYTNAYA		boryanum and the LPP-Phycovir W74-05960	7-12 50
The Interaction of Mercury with	Cadmium and	POIMENNOMU LUGOVODSTV Moisture Regime of Meadow		W 14-03900	7-12 30
Zinc in Mammalian Embryonic I	Development,	River Flood Plain (Rezhim vla		DELAWARE UNIV., NEWARK.	
W74-11375	7-21 5C	nykh pochv okskikh lugov),	Tanton Po, mon	Research in the Coastal and Oc	eanic Environ
DARTMOUTH (NOVA SCOTIA). I	PENEODD	W74-11204	7-21 2G	ment,	
INST.	BEDFORD		(4.007.03/20)	W74-02481	7-05 21
Grazing of pseudocalanus minuti	us on Naturally	DEERE AND CO., MOLINE, ILI		Personal in the Coastal and Oc	annie Environ
Occuring Particulate Matter,	- January	Fuel Sediment Bowl Assembly W74-13245	7-24 5D	Research in the Coastal and Oc ment. A Summary of Research	
W74-03593	7-07 5B	₩ /4-13443	1-24 3D	Under Project Themis,	. secompusate
		DEGREMONT SOCIETE GENE	RALE	W74-04732	7-09 21
DATAGRAPHICS, INC., PITTSBU		D'EPURATION ET D'ASSAINIS			
Costs of Water Pollution Contro	in the Chemi-	RUEIL-MALMAISON (FRANCE). (ASSIGNEE).	A Design and Economic Evalu	
cal Industry,	711 50	Flotation Apparatus,	717 (7)	lytic Oxidation of Phenols in Wa	
W74-05642	7-11 5D	W74-09183	7-17 5D	W74-06516	7-13 51

DELAWARE UNIV., NEWARK.

DELAWAKE UNIV., NEWAKK.		
Biomass in the Upwelling Areas Along the	The Hydrography of the Broadkill River Estua-	DELAWARE VALLEY REGIONAL PLANNING
Northwest Coast of Africa as Viewed with ERTS-1.	ry, Delaware, W74-05122 7-10 2L	COMMISSION, PHILADELPHIA, PA. Water Supply and Water Pollution Control
W74-06677 7-13 5A	Pathogenic Organisms in the Murderkill River	Capital Program, 1972-1985.
Alterations in the Hydrologic Cycle Induced by	Estuary,	W74-05877 7-11 5D
Urbanization in Northern New Castle County, Delaware: Magnitudes and Projections,	W74-09466 7-18 5B	Water Supply and Water Pollution Control Capital Program 1972-1985.
W74-07729 7-15 4C	DELAWARE UNIV., NEWARK. DEPT. OF CHEMICAL ENGINEERING.	W74-12233 7-23 6E
DELAWARE UNIV., NEWARK. COLL. OF MARINE SCIENCES.	Catalytic Oxidation of Organics in Wastewater, W74-02655 7-06 5D	DELHI UNIV. (INDIA). DEPT. OF CHEMISTRY. Semimicrodetermination of Mercury(II) and
Research in the Coastal and Oceanic Environ-	Three-Dimensional Turbulent Diffusion from	Zinc(II) by Precipitation from Homogeneous
ment, W74-12554 7-23 1A	Point Sources of Thermal Pollution in a Rectan- gular Open Channel,	Solution, Using Cation Generation Technique, W74-06869 7-13 5A
DELAWARE UNIV., NEWARK. COLL. OF	W74-05823 7-11 5B	Kaempferol (3,5,7,4'-Tetrahydroxyflavone) as
MARINE STUDIES. Application of Ecological, Geological and	Catalytic Oxidation of Phenol in Dilute Con- centration in Air,	a Chromogenic Reagent for Tin(IV), W74-07579 7-14 5A
Oceanographic ERTS-1 Imagery to Delaware's	W74-07086 7-14 5D	
Coastal Resources Planning, W74-00540 7-01 7B	DELAWARE UNIV., NEWARK. DEPT. OF CHEMISTRY.	DELHI UNIV., NEW DELHI (INDIA). SCHOOL OF PLANNING AND ARCHITECTURE. The Rajasthan Canal Area: A Settlement Struc-
Mercury in the EnvironmentA Global Review	Viral Quality Monitoring in the Polluted	ture,
Including Recent Studies in the Delaware Bay Region,	Aquatic Environment, W74-10963 7-21 5B	W74-04499 7-09 6D
W74-01373 7-03 5B	DELAWARE UNIV., NEWARK. DEPT. OF	DELRO, INC., NEW CASTLE, DEL. ASSIGNEE.
A Mass Balance Model of Trace Metals in	CIVIL ENGINEERING.	Water Purification System, W74-07213 7-14 5D
Several Delaware Watersheds, W74-02443 7-05 5B	Sediment Transport in Random Waves, W74-10390 7-20 2J	DELTA INST. FOR HYDROBIOLOGYCAL
Identification of Marsh Vegetation and Coastal	Wastewater Treatment: Sludge Treatment,	STUDIES, YERSEKE (NETHERLANDS).
Land Use in ERTS-1 Imagery,	Utilization, and Disposal,	The Distribution of Asellus Aquaticus (L.) and Proasellus Meridianus (RAC.) in the
W74-02578 7-05 7B	W74-12938 7-24 5D	Southwestern Part of the Netherlands,
Research in the Coastal and Oceanic Environ-	DELAWARE UNIV., NEWARK. DEPT. OF CIVIL ENGINEERING; AND BELL	W74-06051 7-12 5C
ment, W74-03096 7-06 2J	TELEPHONE LABS., MURRAY HILL, N.J.	DENVER BOARD OF WATER
A Refraction Study and Program for Periodic	A Cofferdam Design Optimization, W74-08511 7-16 8A	COMMISSIONERS, COLO. Computer Modeling Applications in Urban
Waves Approaching a Shoreline, and Extend-	DELAWARE UNIV., NEWARK. DEPT. OF	Water Planning, W74-09654 7-18 6A
ing Beyond the Breaking Point, W74-04340 7-09 8B	GEOLOGY.	
Applicability of ERTS-1 Imagery to the Study	Geologic Control of Ground Water Movement in a Portion of the Delaware Piedmont,	DENVER REGIONAL COUNCIL OF GOVERNMENTS, COLO.
of Suspended Sediment and Aquatic Fronts,	W74-02320 7-05 2F	Protecting our Water Environment.
W74-06666 7-13 2L	Holocene Sedimentary Environment of The At-	W74-00743 7-02 5G
Coastal Vegetation of Delaware, W74-07616 7-15 2L	lantic Inner Shelf Off Delaware, W74-10669 7-20 2J	Flood Management PlanWarning, Damage, Coordination.
	DELAWARE UNIV., NEWARK. DEPT. OF	W74-00817 7-02 6F
Heterogeneities in Salinity in a River Plume, W74-07672 7-15 2L	MECHANICAL AND AEROSPACE	Master Plan for Major Drainage: Henry's Lake
	ENGINEERING. Evaporation Retardation by Monomolecular	Area, Subbasin 1-31-5501-01.
The Use of Ion Specific Electrodes for Chemi- cal Monitoring of Marine Systems: Part IThe	Layers,	W74-01037 7-02 6B
Ammonia Electrode as a Sensitive Water Quali-	W74-00373 7-01 3B	A Program for Storm Drainage and Flood Con- trol-1971-1990: Damage Prevention, Major
ty Indicator Probe for Recirculating Maricul- ture Systems,	DELAWARE UNIV., NEWARK. DIV. OF URBAN AFFAIRS.	Drainageways, Master Planning, Regional
W74-09220 7-17 5A	A Study of the Optimal Mix of Private and	Management. W74-01038 7-02 6F
An Investigation of Electro-Optical Techniques	Public Action for Local and Regional Water Conservation,	
for the Analysis of Suspended Sediments, W74-10407 7-20 2J	W74-02654 7-06 6B	Storm Drainage and Flood Control for Metropolitan Denver.
An Observation of Rapid Thermocline Forma-	DELAWARE UNIV., NEWARK. WATER	W74-01475 7-03 4A
tion in the Middle-Atlantic Bight,	RESOURCES CENTER. Water Resources as a Basis for Comprehensive	Management of Storm Drainage and Flood
W74-13005 7-24 5B	Planning and Development in the Christina	Control Activities. W74-05878 7-11 5D
DELAWARE UNIV., NEWARK. DEPT. OF AGRICULTURAL ENGINEERING.	River Basin, W74-04988 7-10 6B	
Subsurface Asphalt Moisture Barriers in Sandy	Annual Report/Fiscal Year 1973.	Planning Manual for Storm Drainage and Flood Control.
Soils, W74.05412	W74-07252 7-14 9D	W74-05879 7-11 5D
W74-05412 7-11 4B	Regional Energy-Water Problems Northeast,	Feasibility of Combined Solid Waste and Storm
DELAWARE UNIV., NEWARK. DEPT. OF BIOLOGICAL SCIENCES.	W74-07971 7-15 6D	Drainage Projects. W74-05880 7-11 4A
Nitrate and Nitrite in the Surface Waters of	Water Resources Protection Measures in Land	
Two Delaware Salt Marshes, W74-03538 7-07 5B	Development - A Handbook, W74-12352 7-23 5G	Regional Environmental Reference. W74-07085 7-14 6G

DENVER RESEARCH INST., COLO.	DEPARTMENT OF AGRICULTURE, LONDON	DEPARTMENT OF AGRICULTURE,
INDUSTRIAL ECONOMICS DIV.	(ONTARIO). RESEARCH INST.	VEGREVILLE (ALBERTA). SOLONETZIC SOIL
Multinationals Need New Environment		SUB-STATION.
Strategies, W74-09071 7-17 6	Draining Agricultural, Urban-Agricultural, and	Effects of Surfactants Applied to Samples of Solonetz Soil on Water Penetration and Plant
W74-09071 7-17 6	Result Aleas of Offano, Canada - 1971,	
DENVER UNIV., COLO. DEPT. OF CHEMICAL	W74-00070 7-01 5B	Growth, W74-10044 7-19 3F
ENGINEERING AND METALLURGY.		W /4-10044 /-19 3F
Removal of Heavy Metals from Mine Draina	DEPARTMENT OF AGRICULTURE, MORDEN	DEPARTMENT OF AGRICULTURE.
by Precipitation.	(MANITOBA). RESEARCH STATION.	WATKINSVILLE, GA.
W74-04851 7-10 5	Effects of Plastic Mulch and Row Spacing on	Nitrogen Metabolism of Stargrass as Affected
1177 01051	Carrot Grown North of Latitude 60 degree N,	by Nitrogen and Soil Salinity,
DENVER WATER DEPT., COLO.	W74-01999 7-04 3F	W74-08806 7-17 3C
The Denver System of Controls,		***************************************
W74-02854 7-06 5		DEPARTMENT OF EMPLOYMENT, LONDON
	(ONTARIO).	(ENGLAND). MEDICAL SERVICES DIV.
Corrosive Effects of Potable Water,	Recent Developments in Preparing Colored	A Preliminary Procedure for the Determination
W74-07886 7-15 8	Agroclimatic Maps by Computer,	of Cadmium in Blood,
'Pig' Brings Back Capacity,	W74-12695 7-23 7C	W74-05445 7-11 5A
W74-09516 7-18 8		
W/4-09310 /-18 8	DEFARIMENT OF AGRICULTURE, OTTAWA	DEPARTMENT OF ENERGY, MINES AND
DEPARTMENT OF AGRICULTURE,	(ONTARIO). CHEMISTRY AND BIOLOGY	RESOURCES, BURLINGTON (ONTARIO).
ASHBURTON (NEW ZEALAND), WINCHMOR	RESEARCH INST.	CANADA CENTER FOR INLAND WATERS.
IRRIGATION RESEARCH STATION.	Determination of Meleic Hydrazide Residues in	Movements of Phosphorus Between its Biologi-
Water Requirements of Rostered Irrigation	Tobacco and Vegetables,	cally Important Forms in Lake Water,
Schemes.	W74-01418 7-03 5A	W74-04783 7-09 5B
W74-05667 7-11		Transport of Radionvalides in Cadiments
	DEPARTMENT OF AGRICULTURE, OTTAWA	Transport of Radionuclides in Sediments, W74-07814 7-15 5B
DEPARTMENT OF AGRICULTURE,	(ONTARIO). ENGINEERING RESEARCH	# /4-0/614 /-13 3B
BELLEVILLE (ONTARIO). RESEARCH INST.	SERVICE.	DEPARTMENT OF ENERGY, MINES AND
The Use of Artificial Pools in Assessing Pop	Cancellation of Spectrophotometer System	RESOURCES, OTTAWA (ONTARIO).
lations of the Mosquito Culex restua	Characteristics Using an Analog Computer,	Influence of Water Quality on the Corrosion
Theobald,	W74-06874 7-13 2K	and Electrochemical Behavior of Mild Steel in
W74-01987 7-04 5		Synthetic Acid Mine Waters,
	A Weighing System for Lysimeters,	W74-07876 7-15 8G
DEPARTMENT OF AGRICULTURE,	W74-11277 7-21 2D	177-07070
CHARLOTTETOWN, (PRINCE EDWARD		DEPARTMENT OF ENERGY, MINES AND
ISLAND). RESEARCH STATION.	DEPARTMENT OF AGRICULTURE, OTTAWA	RESOURCES, OTTAWA (ONTARIO). EARTH
Interaction Effects of Boron and Lime on Ba	(ONTARIO). PLANT PRODUCTS DIV.	PHYSICS BRANCH.
ley,	Chemical Confirmation of RHC Isomers: Com-	Deep Temperature Observations in the Canadi-
W74-08799 7-17	parison of Alkaline Reactions in Solution and	an North,
DED A DEMENT OF A CRICUL TURE	by Gas Chromatographic Pre-Column,	W74-04349 7-09 2C
DEPARTMENT OF AGRICULTURE,	W74-05494 7-11 5A	
FREDERICTION (NEW BRUNSWICK).	W14-03434 7-11 3A	DEPARTMENT OF ENERGY, MINES AND
RESEARCH STATION.	DEPARTMENT OF AGRICULTURE, OTTAWA	RESOURCES, OTTAWA (ONTARIO). INLAND
Relationship Between Soil Oxygen Diffusion	•	WATERS BRANCH.
Rate and Yield of Oats in a Coastal Alluv	Photosynthetic Rates in Relation to Nitrogen	Development of Nutrient Control Policies in
Soil'at Critical Salinity Level,		Canada,
W74-08094 7-15		W74-01809 7-04 5C
DEPARTMENT OF AGRICULTURE, HARROY	ciency in Peat Bog Plants,	
(ONTARIO). RESEARCH STATION.	W74-05065 7-10 5C	DEPARTMENT OF ENERGY, MINES AND
Effects of Reducing Interplant Competition f	Estimates of Prairie Provincial Wheat Yields	RESOURCES, OTTAWA (ONTARIO). POLAR
Light and Water on Stalk Rot of Corn,		CONTINENTAL SHELF PROJECT.
W74-03516 7-07	Based on Precipitation and Potential	The Mass Balance of the Sea Ice of the Arctic
W /4-03316 /-0/	L'upotiumsphation,	Ocean,
DEPARTMENT OF AGRICULTURE,	W74-07027 7-13 3F	W74-01374 7-03 2C
LETHBRIDGE (ALBERTA). RESEARCH	DEPARTMENT OF AGRICULTURE, OTTAWA	DEBARTMENT OF HEALTH PROCESSOR
STATION.		DEPARTMENT OF HEALTH, EDUCATION,
Effect of Feedlot Manure on Soil and Wat	(ONTARIO). SOIL RESEARCH INST.	AND WELFARE, BETHESDA, MD.
Quality,	Transport Phenomena Controlling Evaporation	Ammonium Ion Specific Electrode,
W74-02157 7-05	from Soil,	W74-11984 7-22 2K
1-03 .	W74-12845 7-24 2D	DEPARTMENT OF HOUSING AND URBAN
Effects of Moisture Stress at Early Headi		
and of Nitrogen Fertilizer on Three Spri	DEPARTMENT OF AGRICULTURE, SOUTH	Housing and Planning References.
Wheat Cultivars,	PERTH (AUSTRALIA).	
W74-07351 7-14	Permeation of Uncharged Organic Molecules	W74-04511 7-09 3D
	and Water Through Tomato Roots,	DEPARTMENT OF INDIAN AFFAIRS AND
Crop Cooling with Sprinklers,	W74-05852 7-11 3F	NORTHERN DEVELOPMENT, OTTAWA
W74-08271 7-16		(ONTARIO). ENVIRONMENTAL-SOCIETY
Manager of Nitrata Mitages in Co.	The Effect of Waterlogging on the Mineral	PROGRAM.
Movement of Nitrate Nitrogen in Some Gras	Nutrient Content of Tritonum Subterraneum,	Geobotanical Processes in the Saskatchewan
land Soils of Southern Alberta,	W74-07355 7-14 3F	River Delta.
W74-08329 7-16		W74-02866 7-06 2I
Development of Automated Surface Irrigation	DEPARTMENT OF AGRICULTURE,	7-06 21
W74-08804 7-17		DEPARTMENT OF JUSTICE, WASHINGTON,
11 /-1-00004 /-1/ :	RESEARCH STATION.	D.C.
A Long-Time Water-Table Study of an Irrig		Consent Judgements in Actions to Enjoin
tion Project in Southern Alberta,	by Rain and Overtree Irrigation,	Discharges of Pollutants.
W74-11271 7-21		W74-10720 7-20 6E

DEPARTMENT OF LANDS AND FORESTS, MAPLE (ONTARIO).

DEPARTMENT OF LANDS AND FORESTS, MAPLE (ONTARIO). RESEARCH BRANCH. Lake Huron: Effects of Exploitation, Introduc- tions, and Eutrophication on the Salmoid Com- munity,	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, LOWER HUTT (NEW ZEALAND). SOIL BUREAU. Mineralogy of Parent Materials, Topsoils and Erosion Products of Taita Experimental Sta-	DEPARTMENT OF STATE, WASHINGTON, D.C. OFFICE OF THE LEGAL ADVISOR. An Overview of the July-August 1971 Prepara- tory Session of the Law of the Sea, W74-05651 7-11 6E
W74-00244 7-01 5C	tion,	DEPARTMENT OF THE ENVIRONMENT,
The Preferred Temperature of Fish and Their Midsummer Distribution in Temperate Lakes and Streams, W74-04666 7-09 5C	W74-00182 7-01 2G Interception of Rainfall by Hard Beech (Nothofagus Truncata) at Taita, New Zealand,	BURLINGTON (ONTARIO). CENTRE FOR INLAND WATERS. Eutrophication Research Applied to Water Quality Management on the Great Lakes,
	W74-12683 7-23 2B	W74-00205 7-01 10A
DEPARTMENT OF MINES AND NATURAL RESOURCES, WINNIPEG (MANITOBA). Changing Attitudes in Water Resources Development in the Province of Manitoba, W74-03747 7-07 6B	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, TAUPO (NEW ZEALAND). Factors Controlling Borehole Performance, W74-09034 7-17 2F	Determination and Differentiation of Ethylenediaminetetra-Acetic Acid (EDTA) and Nitrilotriacetic Acid (NTA) in Freshwater, W74-00295 7-01 5A
DEPARTMENT OF MINES, WELLINGTON	DEPARTMENT OF SCIENTIFIC AND	Some Comparisons in the Thermal Structure of Lakes Wood, Kalamalka, Okanagan, Skaha,
(NEW ZEALAND). Silcretes and Associated Silica Diagenesis in Southern Africa and Australia,	INDUSTRIAL RESEARCH, TAUPO (NEW ZEALAND). CHEMISTRY DIV.	and Osoyoos, British Columbia, W74-00769 7-02 2H
W74-04067 7-08 2J	The Collection and Analysis of Volcanic and Hydrothermal Gases,	Studies of Rapid NTA-Utilizing Bacterial Mu-
DEPARTMENT OF NATIONAL HEALTH AND WELFARE, OTTAWA (ONTARIO). FOOD AND	W74-09016 7-17 2K	tant, W74-01348 7-03 5B
DRUG RESEARCH LAB.	Interpretation of Gas Compositions from the	Rapid Gas Chromatographic Method for Deter-
Inability to Detect Spores of Clostridium Botu- linum in Fish Protein Concentrates (FPC), W74-06058 7-12 5A	Wairakei Field Over 10 Years, W74-09017 7-17 2K	mination of Residual Methanol in Sewage, W74-01410 7-03 5A
DEPARTMENT OF NATIONAL HEALTH AND	DEPARTMENT OF SCIENTIFIC AND	Mechanism of NTA Degradation By a Bacterial
WELFARE, OTTAWA (ONTARIO). HEALTH PROTECTION BRANCH.	INDUSTRIAL RESEARCH, WAIRAKEI (NEW ZEALAND). CHEMISTRY DIV.	Mutant, W74-01515 7-03 5B
Thin-Layer Chromatography and Enzyme In-	A Vessel for Collecting Subsurface Water Sam- ples from Geothermal Drillholes,	Changes in C, N, P, and S in the Last 140
hibition Techniques. Introduction, W74-00254 7-01 5A	W74-08366 7-16 4B	Years in Three Cores from Lakes Ontario, Erie, and Huron,
Incidence of Vibrio parahaemolyticus in Shellf-	The Economics of the Small Geothermal Power Station,	W74-01805 7-04 5C
ish from Eight Canadian Atlantic Sampling Areas, W74-03185 7-06 5A	W74-09045 7-17 6C	Effects of Sediment Diagenesis and Regenera- tion of Phosphorus with Special Reference to Lakes Erie and Ontario,
	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON	W74-01806 7-04 5C
DEPARTMENT OF PRIMARY INDUSTRIES, BRISBANE (AUSTRALIA).	(NEW ZEALAND).	Complexing Capacity of Natural Water - Its
Performance of Lucerne (Medicago sativa) Lines in Pure Stands Under Irrigated and Rain	Statical Interpretation of Chemical Results from Drillholes as an Aid to Geothermal	Significance and Measurement, W74-03578 7-07 5A
Grown Conditions in Sub-Coastal Central Queensland,	Prospecting and Exploitation, W74-09014 7-17 4B	Determination of Submicrogram Levels of
W74-07359 7-14 3F	DEPARTMENT OF SCIENTIFIC AND	Phenol in Water, W74-03868 7-08 5A
DEPARTMENT OF PRIMARY INDUSTRIES,	INDUSTRIAL RESEARCH, WELLINGTON (NEW ZEALAND). CHEMISTRY DIV.	Development of Three-Dimensional Numerical
HAMILTON, (AUSTRALIA). SANDY TROUT FOOD PRESERVATION RESEARCH LAB. A Kerosene-Like Taint in the Sea Mullet,	Chemistry in the Exploration and Exploitation of Hydrothermal Systems,	Models of the Great Lakes, W74-04051 7-08 2H
Mugil Cephalus (Linnaeus) I. Composition and Environmental Occurrence of the Tainting Sub-	W74-09013 7-17 2K	Automation of Direct Potentiometry, W74-06133 7-12 5A
stance, W74-11312 7-21 5C	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON	Sedimentation Rates and Recent Sediment His-
DEPARTMENT OF PRIMARY INDUSTRIES,	(NEW ZEALAND). OCEANOGRAPHIC INST. Wave Refraction Patterns in Hawke Bay,	tory of Lakes Ontario, Erie and Huron, W74-06282 7-12 2J
MACKAY (AUSTRALIA). AGRICULTURAL BRANCH.	W74-00518 7-01 2L	DEPARTMENT OF THE ENVIRONMENT,
Emergence of Buffel Grass (Cenchrus ciliaris)	Coastal Surface Currents Around New Zea-	BURLINGTON (ONTARIO). INLAND WATERS BRANCH.
From Seed After Flooding, W74-00768 7-02 3F	land, W74-03458 7-07 2E	Herbicide Analysis: Relationship Between Molecular Structure and Retention Index,
Flooding Tolerance of Panicum Coloratum, W74-00826 7-02 3F	Sedimentation in Hawke Bay, W74-04726 7-09 2L	W74-01416 7-03 5A
DEPARTMENT OF PUBLIC WORKS,		DEPARTMENT OF THE ENVIRONMENT, EDMONTON (ALBERTA).
BANGKOK (THAILAND). PROVINCIAL WATER SUPPLY DIV.	Studies of a Southern Fiord. W74-04727 7-09 2J	A Geoecological Terrain Analysis of Discon- tinuously Frozen Ground in the Upper Macken-
Ground Water in Thailand, W74-03150 7-06 4B	DEPARTMENT OF STATE, WASHINGTON,	zie River Valley, Canada, W74-04354 7-09 2C
DEPARTMENT OF PUBLIC WORKS,	D.C. Ratification of Proposed Convention on the	
VANCOUVER (BRITISH COLUMBIA). Field and Model Studies on a Siltation Problem	Prevention of Marine Pollution by Dumping of Wastes and Other Matter (Final Environmental	DEPARTMENT OF THE ENVIRONMENT, LONDON (ENGLAND). The Management of Water in England and
in the Fraser River, W74-12089 7-23 8A	Impact Statement). W74-06994 7-13 6E	Wales: The Case for Reform, W74-05865 7-11 6B
1-23 GA		

DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. (ASSIGNEE).

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). Physical System Modelling as a Tool in Water Resource Planning,	DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). INLAND WATERS DIRECTORATE. Evidence of a Surge on Barnes Ice Cap, Baffin	DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). WATER RESOURCES BRANCH. Analysis of Coupled Heat-Fluid Transport in
W74-01487 7-03 2A	Island, W74-00537 7-01 2C	Partially Frozen Soil, W74-00369 7-01 2G
Characterization and Treatment of Fish Processing Plant Effluents in Canada,	Single-Velocity Method in Measuring	DEPARTMENT OF THE ENVIRONMENT,
W74-02262 7-05 5D	Discharge, W74-01161 7-03 2C	OTTAWA (ONTARIO). WATERS BRANCH. Short-Term Snow Melt and Ablation Derived
The CPAR Program - Government-Industry Cooperation in Pollution Abatement Research,	Viscosity Measurements of Water in Region of	from Heat- and Mass-Balance Measurements, W74-01380 7-03 2C
W74-02274 7-05 5D	Its Maximum Density,	DEPARTMENT OF THE ENVIRONMENT,
Legal Developments in Canadian Water Management.	W74-04518 7-09 2K	VANCOUVER (BRITISH COLUMBIA). WATER MANAGEMENT SERVICE.
W74-02505 7-05 6E	Radio Depth-Sounding on Meighen and Barnes Ice Caps, Arctic Canada,	An Approach to Evaluation in Multiple Objec- tive River Basin Planning, An Analysis of
DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). ECOLOGICAL	W74-04571 7-09 2C	Selected Water Quantity Alternatives in the Okanagan Valley, British Columbia, Canada,
SYSTEMS RESEARCH DIV.	The Effect of Impurities on the Mechanical	W74-06425 7-12 6A
Socio-Economic Considerations in Water Resources Planning,	Properties of Ice Single Crystals, W74-04914 7-10 2C	DEPARTMENT OF THE ENVIRONMENT,
W74-03745 7-07 6B	Focal on the PDP-9 Computer,	VICTORIA (BRITISH COLUMBIA). MARINE SCIENCES BRANCH (PACIFIC REGION).
DEPARTMENT OF THE ENVIRONMENT,	W74-05151 7-10 7C	Use of ERTS-1 Pictures in Coastal Oceanog-
OTTAWA (ONTARIO). GLACIOLOGY DIV. Ice Calving into the Proglacial Generator Lake,	Flood of June 1964 in the Oldman and Milk	raphy in British Columbia, W74-06707 7-13 2L
Baffin Island, N.W.T., Canada,	River Basins, Alberta,	DEPARTMENT OF THE ENVIRONMENT.
W74-01376 7-03 2C	W74-13173 7-24 2E	WINNIPEG (MANITOBA). FISHERIES AND MARINE SERVICE.
DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). HYDROLOGY	DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). MARINE SCIENCES	A Benthos Survey (1972) in the North
RESEARCH DIV.	BRANCH.	Saskatchewan River in the Vicinity of the
Probability Distribution of Outflow from a	The Tidal Power Potential of Ungava Bay and	Prince Albert Pulp Company, Prince Albert, Saskatchewan,
Linear Reservoir, W74-13001 7-24 4A	Its Possible Exploitation in Conjunction with the Local Hydroelectric Resources,	W74-09459 7-18 5C
DEPARTMENT OF THE ENVIRONMENT,	W74-00838 7-02 4A	Benthos Studies (1971 and 1972) on the Win-
OTTAWA (ONTARIO). INLAND WATERS	DEPARTMENT OF THE ENVIRONMENT,	nipeg River in the Vicinity of the Abitibi Manitoba Paper Company, Pine Falls,
BRANCH.	OTTAWA (ONTARIO). MARINE SCIENCES	Manitoba,
A Distributed Hydrological Model Based on the Concept of Groundwater Recharge, Transmis-	DIRECTORATE. Special Analysis of Short Inertial-Internal	W74-09460 7-18 5C
sion, and Discharge, W74-01233 7-03 2F	Wave Records, W74-04489 7-09 2E	DEPARTMENT OF THE ENVIRONMENT, WINNIPEG (MANITOBA). FISHERIES AND
Storage and Retrieval of Groundwater Data,	Application of the Concept of Rectilinear Vor-	MARINE SERVICES. Fish Toxicity Survey of Four Prairie Province
W74-01291 7-03 7C	tices to the Movement of Oil Slicks,	Pulp Mill Effluents,
Acquisition, Storage and Processing of Glacier	W74-04490 7-09 5B	W74-11075 7-21 5C
Inventory Data, W74-01292 7-03 7C	On the Position of Tidal Barriers in Northum-	Factors Affecting Acute Toxicity Bioassays
W74-01292 7-03 7C Storage and Processing of Water Quality Data,	berland Strait, W74-05140 7-10 2E	with Pulp Mill Effluent, W74-11076 7-21 5C
W74-01293 7-03 7C		Methods for the Detection of Certain
The Chemical Analysis of Nutrients,	Eight Years of Observations on the Water Level at Ouebec and Grondines 1962-1969: Part	Pathogens of Salmonid Fishes,
W74-01802 7-04 5C	IAnalysis of the Tidal Signal,	W74-13100 7-24 5A
Observed Changes in Groundwater Regime	W74-06926 7-13 2E	DEPARTMENT OF THE ENVIRONMENT, WINNIPEG (MANITOBA). FISHERIES
Caused by the Creation of Lake Diefenbaker,	DEPARTMENT OF THE ENVIRONMENT,	SERVICE.
Saskatchewan, W74-06291 7-12 2F	OTTAWA (ONTARIO). WATER PLANNING AND MANAGEMENT BRANCH.	Unusual Occurrence of the Brook Stickleback (Culaea inconstans) in the Mackenzie River,
Glacier Discharge Simulation by Ground-Water	Area-Of-Origin Protectionism in Western Waters,	Northwest Territories, W74-01589 7-03 2I
Analogue,	W74-05854 7-11 6B	
W74-09327 7-18 2C	DEPARTMENT OF THE ENVIRONMENT.	DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C.
Subglacial Leakage of Summit Lake, British Columbia, by Dye Determinations,	OTTAWA (ONTARIO). WATER QUALITY BRANCH.	Outer Continental Shelf Off FloridaPossible Oil and Gas Leasing.
W74-09332 7-18 2C	Nutrient Balances for the Evaluation of	W74-10061 7-19 6E
Subsurface Disposal of Waste in Canada, In-	Nutrient Sources in Water Quality Manage- ment,	DEPARTMENT OF THE INTERIOR,
jection of Liquid Wastes in Deep Wells, A Preliminary Appraisal,	W74-08928 7-17 5B	WASHINGTON, D.C. (ASSIGNEE). Disposal of Waste Heat,
W74-09536 7-18 5B	DEPARTMENT OF THE ENVIRONMENT.	W74-02029 7-04 5B
A New Method for Determining and Interpret-	OTTAWA (ONTARIO). WATER QUALITY DIV.	Dynamics Reverse Osmosis Membranes of Ul-
ing Dispersion Coefficients in Porous Media,	Chloride and Lead in Urban Snow,	trathin Discs,
W74-12856 7-24 2F	W74-09468 7-18 5B	W74-03009 7-06 3A

DEPARTMENT OF THE NAVY,		DEUTSCHE AKADEMIE DER DIETERICH STANDARD CORP., BOULDER	
WASHINGTON, D.C. Floating Water Jet for Oil Slick Control.		LANDWIRTSCHAFTSWISSENSCHAFTEN ZU BERLIN, LEIPZIG (EAST GERMANY). COLO. ELLISON INSTRUMENT DIV. Eagle Eye - New Flowmeter,	
W74-02494 7-	-05 5G	INSTITUT FUER MINERALDUENG. W74-03290 7-07 The Use of Mineral Fertilizers in Irrigation	7B
Environmental Monitoring and Disp Radioactive Wastes from U.S. Naval I		with Pure Water, Sewage and Liquid Manure, DIGITAL EQUIPMENT CORP., MAYNARD,	
Powered Ships and Their Support Fa		(In Russian), W74-05371 7-10 3F Minicomputers' Role in Monitoring, W74-05297 7-10	SA
	-09 5B	DEUTSCHE AKADEMIE DER	
DEPARTMENT OF WATER AFFAIRS,		LANDWIRTSCHAFTSWISSENSCHAFTEN ZU BERLIN, ROSTOCK (EAST GERMANY). DIGITAL SYSTEMS CORP., HANOVER, N.I Computer System for the Description	
PRETORIA (SOUTH AFRICA).		INSTITUT FUER PFLANZENZUECHTUNG. Evaluation of Community Water Syst	tems
The Impact of Slimes-Dam Forma Water Quality and Pollution,	tion on	Influence of Development in Vicia villosa and W74-01938 7-04	3A
	-13 5B	Vicia sativa by Their Nodules and by Climatic Conditions: I. Development of Nodules in Vicia DILLON (M. M.), LTD., TORONTO (ONTAR	
DEPT. OF AGRICULTURAL ENGINEER	ING.	villosa and in Vicia sativa During Vegetative Flood Plain Studies in Ontario.	10).
EPA, OFFICE OF RESEARCH AND		Period, (In German), W74-12090 7-23	6F
DEVELOPMENT COLORADO STATE U FORT COLLINS, COLO.	NIV.,	DIRECTORATE-GENERAL FOR INDUSTRI	AL,
Selected Irrigation Return Flow Qua	lity Ab-	DEUTSCHE AKADEMIE DER WISSENSCHAFTEN ZU BERLIN, LEIPZIG TECHNOLOGICAL AND SCIENTIFIC AFFAIRS COMMISSION OF THE FUROPE	
stracts 1972-1973, Third Annual Issue. W74-11576	-22 5G	(EAST GERMANY). INSTITUT FUER COMMUNITIES, BRUSSELS (BELGIUM).	AN
	22 30	ORGANISCH-TECHNISCH CHEMIE. The Present and Future Situation of Nu	
DEPT. OF NATURAL RESOURCES, KENTUCKY. DIV. OF WATER.		Construction and Operation of a Laboratory Fermenter for Kinetic Measurements in Waste -Normal Operation, Accident Prevention	
Rainfall Frequency Values for Kentuck	y.	Waters (Bau Und Betrieb Eines Laboratori- Mitigation, Comparative Risk Assessment,	
W74-12979 7	1-24 7C		5C
DEPUTY CHIEF OF STAFF FOR LOGIS	TICS	Abwassern), W74-10816 7-20 5D DIRECTORATE OF DESIGNS, IRRIGATION	N,
(ARMY), WASHINGTON, D.C. The Army, Its Military Activities, and	sk - P-	BHUBANESWAR (INDIA). DEUTSCHE TEXACO A.G., HAMBURG BHUBANESWAR (INDIA). Backwater Effects at End-Dumped Con-	-4-1-
vironment During 1970,	the En-	DEUTSCHE TEXACO A.G., HAMBURG (GERMANY). (ASSIGNEE) Backwater Effects at End-Dumped Constitutions on Alluvial Channels,	stric-
	-20 5G	Process for Treating Waste Water from Indus- W74-12088 7-23	8B
DESALINATION SYSTEMS, INC.,		trial Processes, W74-10584 7-20 5D DIRECTORATE OF LICENSING (AEC),	
ESCONDIDO, CALIF. (ASSIGNEE) Storage and Dispensing Apparatus	for a	DEUTSCHER WETTERDIENST, BETHESDA, MD. Improved Control of Radioactive Wast	
Reverse Osmosis Water Purification Sy		HOHENPEISSENBERG (WEST GERMANY). Hanford,	c at
	-15 5D	Temperature Measurements of Water Surfaces W74-13430 7-24	5 D
Valve for Reverse Osmosis Purifical	tion and	Using Infra-Red Radiation Thermometers, W74-11552 7B DIRECTORATE OF LICENSING (AEC),	
Storage System,		WASHINGTON, D.C.	
W74-08040	-15 5D	DEUTSCHES HYDROGARAPHISCHES Final Environmental Statement Related to Beaver Valley Power Station, Unit 1.	o the
DESERT INST., ASHKHABAD (USSR).			5C
Natural Forage Reserve of Turkmen Ways of its Improvement to Develop		W74-03030 7-06 5B Final Environmental Statement Related to	o the
Raising, (In Russian),	p Sheep	DEUTSCHES HYDROGRAPHISCHES Beaver Valley Power Station, Unit 2.	, circ
W74-08547	7-16 3F	INSTITUT, HAMBURG (WEST GERMANY). W74-02005 7-04	5C
Sewage Water Irrigation Effect on	Cotton	Pollution of the North Sea, Final Environmental Statement Relate	d to
Growth and Development, (In Russian)		W74-06023 7-12 5B Operation of Trojan Nuclear Plant.	**
W74-08729	7-17 5D	The North Sea,	5C
Rain Flood Discharge in Northeaster	n Slopes	W74-10513 7-20 5B Final Environmental Statement Related	
of Kopet-Dag (USSR), (In Russian), W74-09365	7-18 4A	DEVELOPMENT AND RESOURCES Operation of R. E. Ginna Nuclear Power Unit I, Rochester Gas and Electric Con	
		TRANSPORTATION CO., SILVER SPRING, tion.	•
Classification of Sands in the Tedzhe (In Russian),	n Delta,	Potential Use of Airborne Dual-Channel In- W74-05422 7-11	5C
	7-21 2G	frared Scanning to Detect Massive Ice in Per-	
Spring Time Sowing of Psammophytes	in Kara	mafrost, W74-04403 7-09 7B Proposed Catawba Nuclear Station, Un and 2, Duke Power Company.	its 1
Kum, (In Russian),		W74-05423 7-11	5C
W74-13260	7-24 2G	DEVELOPMENT PLANNING AND RESEARCH ASSOCIATES, INC., MANHATTAN, KANS. Final Environmental Statement Relate	4 10
DETROIT UNIV., MICH.		State-of-Art Review: Water Pollution Control Operation of San Onofre Nuclear Gener	
Relationships of Indicator and Pathoge	enic Bac-	Benefits and Costs, Vol I, Station Unit 1, Southern Californai E	
teria in Stream Waters, W74-01645	7-03 5B	W74-04464 7-09 5G Company and the San Diego Gas and Ele	ectric
DEUTSCHE AKADEMIE DER		Research Needs and Priorities: Water Pollution W74-05424 7-11	5C
LANDWIRTSCHAFTSWISSENSCHAFT	EN ZU	Control Benefits and Costs, Vol. II, W74-04465 7-09 5G Final Environmental Statement Related to	a the
BERLIN, EBERSWALDE (EAST GERMA	ANY).	Proposed Limerick Generating Station, Ut	-
INSTITUT FUER FORSTWISSENSCHAI The Influence of Meteorological Eler		DEVELOPMENT SCIENCES, INC., EAST and 2, Philadelphia Electric Company.	
the Annual Rhythm of Height Growth		Effluent Management Information System	5C
(In German),		(EMIS), Final Environmental Statement Relate	d to

W74-12082

7-02 2I

Operation of Dresden Nuclear Power Station,

7-23 5G

W74-01077

Units 2 and 3, Commonwealth Edison Com-	DIRECTORATE OF LICENSING, FUELS AND	DIVISION OF OPERATIONAL SAFETY (AEC),
pany. W74-05426 7-11 5C	MATERIALS (AEC), WASHINGTON, D.C. Environmental Statement Related to Construc-	WASHINGTON, D.C. Environmental Monitoring at Major U.S.
Di I D i	tion and Operation of Barnwell Nuclear Fuel	Atomic Energy Commission Contractor Sites,
Final Environmental Statement Related to the Haddam Neck (Connecticut Yankee) Nuclear	Plant. W74-07792 7-15 5B	Calendar Year 1972. W74-09840 7-19 5A
Power Plant, Connecticut Yankee Atomic	W/4-0//92 /-13 3B	
Power Company.	DIRECTORATE OF REGULATORY	Environmental Levels of Radioactivity at
W74-05427 7-11 5C	OPERATIONS (AEC), WASHINGTON, D.C.	Atomic Energy Commission Installations. W74-13432 7-24 5A
Final Environmental Statement Related to Con-	Report on Releases of Radioactivity in Ef-	W /4-13432 /-24 JA
struction of Grand Gulf Nuclear Station Units 1	fluents and Solid Waste from Nuclear Power Plants for 1972.	DIVISION OF PRODUCTION AND MATERIALS
and 2, Mississippi Power and Light Company.	W74-02011 7-04 5B	MANAGEMENT (AEC), WASHINGTON, D.C.
W74-05428 7-11 5C		Management of Radioactive Aqueous Wastes from AEC Fuel-Reprocessing Operations,
Final Environmental Statement Related to the	DIRECTORATE OF REGULATORY	W74-04188 7-08 5B
Proposed Alvin W. Vogtle Nuclear Plant Units	STANDARDS (AEC), WASHINGTON, D.C. General Environmental Siting Guides for	DIVISION OF RADIOLOGICAL AND
1, 2, 3, and 4.	Nuclear Power Plants Topics and Bases,	ENVIRONMENTAL PROTECTION (AEC),
W74-06821 7-13 5B	(Draft).	WASHINGTON, D.C.
Final Environmental Statement Related to the	W74-05180 7-10 5G	AEC Implementation of the National Environ-
Proposed Perry Nuclear Power Plant, Units 1	DISTRICT OF COLUMBIA DEPT. OF	mental Policy Act in Its Licensing and Regula- tion of Nuclear Facilities,
and 2.	ENVIRONMENTAL SERVICES,	W74-05186 7-10 5G
W74-07793 7-15 5A	WASHINGTON.	
Final Environmental Statement Related to the	Alum Addition to Activated Sludge with Tertia- ry Solids Removal,	DIVISION OF REACTOR DEVELOPMENT AND TECHNOLOGY (AEC), WASHINGTON, D.C.
Proposed Hope Creek Generating Station Units	W74-00837 7-02 5D	The Year 2000 Nuclear Power and Man,
1 and 2. W74-08959 7-17 5C		W74-05185 7-10 5B
1-17 SC	Physical-Chemical Treatment of Raw Mu- nicipal Wastewater,	DIVISION OF WASTE MANAGEMENT AND
Final Environmental Statement Related to	W74-06509 7-13 5D	TRANSPORTATION (AEC), WASHINGTON,
Operation of Nine Mile Point Nuclear Station		D.C.
Unit 1. W74-08960 7-17 2H	Ammonia-Nitrogen Removal by Breakpoint	High-Level Radioactive Waste Management
1-17 ZH	Chlorination, W74-06838 7-13 5D	Alternatives. W74-09839 7-19 5D
Final Environmental Statement Related to Con-	W/4-00636 /-13 3D	W 74-09839 7-19 3D
struction of St. Lucie Plant, Unit 2.	Activated Sludge Treatment Systems with Ox-	DNEPROPETROVSKII GOSUDARSTVENNYI
W74-08961 7-17 5C	ygen, W74-06839 7-13 5D	UNIVERSITET (USSR). INSTITUT GIDROBIOLOGII.
Final Environmental Statement Related to the	W74-06839 7-13 5D	Distribution of Monodacna Colorata
Proposed Construction of Millstone Nuclear	Laboratory Ozonation of Muncipal Waste-	(Eulamellibranchiata, Cardiidae) in the Samar-
Power Station, Unit 3, Millstone Point Com-	waters,	sky Bay of the Zaporozhsky Water Reservoir
pany, et. al. W74-10109 7-19 5C	W74-06840 7-13 5D	(In Russian), W74-00999 7-02 2H
W/4-10109 /-19 SC	Nitrogen Removal by Ammonia Stripping,	W/4-00333
Final Environmental Statement Related to	W74-06842 7-13 5D	Food Base of Fish and Ways of Increasing Fish
Operation of Rancho Seco Nuclear Generating	Hydrogen Peroxide Cures Filamentous Growth	Productivity of the Dneprodzerzhinsk Reser- voir, (In Russian),
Station Unit 1, Sacramento Municipal Utility District.	in Activated Sludge.	W74-11387 7-21 2H
W74-10110 7-19 5G	W74-07253 7-14 5D	DOMEST PARTY DESCRIPTION
	DIVISION OF BIOLOGY AND MEDICINE	DOMTAR LTD. RESEARCH CENTRE, SENNEVILLE (ONTARIO).
Final Environmental Statement Related to Con-	DIVISION OF BIOLOGY AND MEDICINE (AEC), WASHINGTON, D.C.	The Effect of Pulp and Paper Mill Effluents on
struction of Bellefonte Nuclear Plant Units 1 and 2, Tennesse Valley Authority.	Effects of Gamma Irradiation on the Reproduc-	Taste and Odour of the Receiving Water and
W74-10111 7-19 5C	tive Performance of Artermia as Determined by	the Fish Therein,
Pinel Equipmental Statement Balance of	Individual Pair Matings,	W74-03085 7-06 5B
Final Environmental Statement Related to the Proposed Comanche Peak Steam Electric Sta-	W74-07822 7-15 5C	DONALDSON COMPANY, INC.,
tion Units 1 and 2.	Effects of Gamma Irradiation on the Main-	MINNEAPOLIS, MINN. (ASSIGNEE).
W74-11674 7-22 5B	tenance of Population Size in the Brine Shrimp,	Fluid Filter, W74-13334 7-24 5D
Final Environmental Statement Related to the	Artemia, W74-07823 7-15 5C	
Proposed Summit Power Station Units 1 and 2 -	W74-07823 7-15 5C	DONG KOOK UNIV., SEOUL (REPUBLIC OF
Delmarva Power and Light Company.	Thermal DischargesProblems and Opportuni-	KOREA). A Study on the Growth of the Mussel, Mytilus
W74-11675 7-22 5B	ties,	edulis, in a Salt-Field Reservoir (In Korean),
A Survey of Unique Technical Features of the	W74-09888 7-19 5D	W74-13406 7-24 2H
Floating Nuclear Power Plant Concept.	DIVISION OF BIOMEDICAL AND	DORNBUSCH (DAVID M.) AND CO., INC., SAN
W74-12045 7-23 5C	ENVIRONMENTAL RESEARCH (AEC),	FRANCISCO, CALIF.
Final Environmental Statement Related to the	WASHINGTON, D.C. Offshore Nuclear Power Siting Workshop.	Benefit of Water Pollution Control on Property
Proposed Byron Station Units 1 and 2, Com-	W74-09862 7-19 5C	Values,
monwealth Edison Company.		W74-04550 7-09 5G
W74-12902 7-24 5C	DIVISION OF ENVIRONMENTAL AFFAIRS	DORR-OLIVER, INC., STAMFORD, CONN.
Final Environmental Statement Related to the	(AEC), WASHINGTON, D.C. Underground Nuclear Testing Program,	Sludge Incineration and Afterburning,
Proposed Braidwood Station, Commonwealth	Nevada Test Site (Final Environmental Impact	W74-08441 7-16 5D
Edison Company.	Statement).	Ultrafiltration Water Treatment,
W74-13129 7-24 5C	W74-05811 7-11 5B	W74-09636 7-18 5F

7-18 5F

DORR-OLIVER, LTD., CROYDON (ENGLAND).

DORR-OLIVER, LTD., CROYDON (ENGLA Role of Ultrafiltration in Industrial Eff	ND).	DOW CHEMICAL CO., MIDLAND, MICH. ENVIRONMENTAL CONTROL SYSTEMS.	from Water. 3. Liquid-Liquid Extraction of Phenoxy Acid Herbicides from Water.
Problems,		Instrumentation and Automatic Control of	W74-00262 7-01 5A
	5D	Phosphorus Removal Processes, W74-08856 7-17 5D	DREXEL UNIV., PHILADELPHIA, PA.
DOW CHEMICAL CO., FREEPORT, TEX. Methods for Controlling Marine Fouling	in In	DOW CHENCOLI CO MINI AND MICH	ENVIRONMENTAL ENGINEERING PROGRAM.
take Systems,	ın ın-	DOW CHEMICAL CO., MIDLAND, MICH.	A Study of Incinerator Residue Analysis of
W74-00148 7-01	3A	HALOGENS RESEARCH LAB. Rates and Products of Decomposition of 2,2-	Water Soluble Components, W74-10269 7-19 5B
Conceptual Design of Hollow Fine Fiber		Dibromo-3-Nitrilopropionamide, W74-02382 7-05 5B	W /4-10209 /-19 3B
water Reverse Osmosis Desalting Pilot Pla		177-02502	DRILLING WELL CONTROL , INC.,
W74-01911 7-04	3A	New Bromide Packer Fluid Cuts Corrosion	LAFAYETTE, LA.
DOW CHEMICAL CO., FREEPORT, TEX. TEXAS DIV.		Problems, W74-07858 7-15 8G	'Maximum Load' Casing Design, W74-03157 7-06 8B
Development of a Selective Algaecide to	Con-	DOW CHEMICAL CO., TULSA, OKLA.	DSS ENGINEERS, INC., FT. LAUDERDALE,
trol Nuisance Algal Growth, W74-00702 7-02	5 G	DOWELL DIV.	FLA.
W 74-00702	. 50	Chemical Method of Preventing Loss of Indus-	Commercial Desalting Plant Data and Analysis,
Brine Concentration by Electrodialysis, I,	Phase	trial and Fresh Waters from Ponds, Lakes and Canals,	Volumes I-VI, W74-08061 7-15 3A
W74-08500 7-16	3A	W74-10883 7-20 4A	DU PONT DE NEMOURS (E.I.) AND CO.,
Treatment of Waste Water from the Produ	ection	DOW CHEMICAL CO., WALNUT CREEK,	AIKEN, S. C.
of Polyhydric Organics.	action	CALIF.	Environmental Monitoring in the Vicinity of
	5D	Method for Making a Hollow Fiber Separatory	the Savannah River Plant (South Carolina) -
DOW CHEMICAL CO., GOLDEN, COL.		Element,	Annual Report for 1972.
ROCKY FLATS DIV.		W74-05694 7-11 3A	W74-09859 7-19 5A
Liquid Scintillation Counting for Plutoni	um in	Development of a One-Pass Hollow Fiber Sea-	DU PONT DE NEMOURS (E.I.) AND CO.,
Environmental Samples,		water Desalination Module Having a Capacity	AIKEN, S.C. SAVANNAH RIVER LAB.
W74-13325 7-24	5A	of 2500-3000 GPD,	Geohydrology of Buried Triassic Basin at
DOW CHEMICAL CO., GOLDEN, COLO.		W74-08342 7-16 3A	Savannah River Plant, South Carolina,
ROCKY FLATS DIV.		Design and Construction of a Large Brackish	W74-03241 7-07 5E
Annual Environmental Monitoring Rep		Water Desalination Module,	Environmental Activities and Programs at the
Rocky Flats Plant, (Colorado), Ja Through December, 1972,	nuary	W74-08343 7-16 3A	Savannah River Plant.
	5 A	High Rejection Hollow Fiber Membranes for	W74-05173 7-10 5B
		Desalination of Sea Water,	Publications 1973.
Storage of Plutonium Metal in Sealed Can W74-12046 7-23	s, 3 5D	W74-08502 7-16 3A	W74-09832 7-19 5B
W /4-12046 /-2:	טכ פ	DRAINAGE AND IRRIGATION DEPT. PULL	
DOW CHEMICAL CO., HOUSTON, TEX.		DRAINAGE AND IRRIGATION DEPT., KUALA LUMPUR, (MALAYSIA).	Savannah River Laboratory Progress Report-
Requirements for the Monitoring of Ind	ustrial	Water Resources Development in West Malay-	Long-Range Waste Management. W74-09881 7-19 5E
Deep-Well Waste-Disposal Systems, W74-10867 7-20	0 5B	sia,	7.17 32
W /4-1000/	0 36	W74-08463 7-16 3B	Savannah River Laboratory, Waste Manage-
DOW CHEMICAL CO., MIDLAND, MICH.		DRAKE UNIV., DES MOINES, IOWA.	ment Quarterly Report, January-March 1973. W74-10116 7-19 5D
Method of Making Sodium Chloride Co trate from Sea Water,	oncen-	The Influences of an Urban Area and a Reser-	W74-10116 7-19 5D
	1 3A	voir on Benthic Macroinvertebrate Production	Control and Treatment of Radioactive Liquid
		in the Des Moines River, Iowa,	Waste Effluents at the Savannah River Plant,
Brine Concentration by Electrodialysis,	Phase	W74-03209 7-07 5C	W74-11661 7-22 5D
II, W74-08501 7-16	5 3A	Analysis of the Benthic Macroinvertebrate	Temperature Effects on the Sorption of
		Community Structure for Assessment of Water	Radionuclides by Aquatic Organisms,
Method for Controlling Flow of Aq	ueous	Quality of Des Moines River,	W74-12048 7-23 5C
Fluids in Subterranean Formations, W74-10029 7-19	9 8G	W74-03210 7-07 5C	DU PONT DE NEMOURS (E.I.) AND CO.,
W /4-10029 /-15	9 80	Species Diversity of Benthic Macroinver-	AIKEN, S.C. SAVANNAH RIVER PLANT.
Slurry Pump,		tebrates in the Des Moines River, Iowa,	Solid Forms for Savannah River Plant High-
W74-10488 7-2	0 8C	W74-03211 7-07 5C	Level Waste,
Waste and Water Monitoring,		Englaciant Impact of the Indian Assessment	W74-07787 7-15 5D
W74-10979 7-2	1 5D	Ecological Impact of the In-line Arrangement of Two Reservoirs and a Metropolitan Area,	DU PONT DE NEMOURS (E.I.) AND CO., INC.,
Kinetic Studies of the Stabilitie	. of	W74-11571 7-22 5C	WILMINGTON, DEL.
Chloromethyl Methyl Ether and	BIS		Reverse Osmosis for Municipal Water Supply,
(Chloromethyl) Ether in Humid Air,		DRESSER INDUSTRIES, INC., OILFIELD	W74-12513 7-23 5D
W74-10997 7-2	1 5B	PRODUCTS DIV., HOUSTON, TEX. Easier, More Exact Method Speeds Annulus	DU PONT DE NEMOURS (E. I.) AND CO.,
DOW CHEMICAL CO., MIDLAND, MICH.		Pressure-Loss Calculations,	WILMINGTON, DEL.
ANALYTICAL LABS.		W74-03162 7-06 8G	Some Aspects of Nonorthogonal Data Analy-
Application of Infrared Fourier Tran		DREVET TIMES DITT ARRESTS A.	sis, Part II. Comparison of Means,
Spectroscopy to Analysis of Micro Sampl		DREXEL UNIV., PHILADELPHIA, PA. Effects of Equalizing Wastewater Flows.	W74-00612 7-02 7C
W74-01303 7-03	3 2K	W74-10467 7-20 5D	Development of Sea Water Membranes, Part I,
DOW CHEMICAL CO., MIDLAND, MICH.			W74-11643 7-22 3A
(ASSIGNEE).		DREXEL UNIV., PHILADELPHIA, PA. DEPT.	Development of Co. W M. I.
Method for Suppressing the Formation in Natural or Man-Made Bodies of Water.		OF CHEMISTRY. The p-Value Approach to Quantitative Liquid-	Development of Sea Water Membranes, Part II.
	1 20	Liquid Extraction of Pesticides and Herbicides	W74-11644 7-22 3A

ORGANIZATIONAL INDEX EARTH SATELLITE CORP., WASHINGTON, D.C. GEOSCIENCES AND ENVIRONMENTAL

DU PONT DE NEMOURS (E. I.) AND CO., WILMINGTON, DEL. ENGINEERING MATERIALS LAB.	DUNCAN, LAGNESE, AND ASSOCIATES, INC., PITTSBURGH, PA. Water Quality and Our Future Environment	DURHAM UNIV. N.C. Fatigue Behavior of Rock, W74-09523 7-18 8E
Synergistic Inhibition of Ferric Ion Corrosion During Chemical Cleaning of Metal Surfaces,	A Federation View, W74-10710 7-20 5G	DURRUM DEVELOPMENT CORP., PALO
W74-04169 7-08 8G	DUNDEE UNIV. (SCOTLAND). DEPT. OF	ALTO, CALIF. (ASSIGNEE) Fluid Sample Analysis System,
DU PONT DE NEMOURS (E.I.) AND CO., WILMINGTON, DEL. ENGINEERING SERVICE	BIOLOGICAL SCIENCES. Glutamine Synthetase of the Nitrogen-Fixing	W74-08914 7-17 7B
Basic Disposal-Well Design,	Alga Anabaena cylindrica, W74-00717 7-02 5C	DUSHANBINSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT (USSR). Biomass and Biological Productivity of the
W74-10865 7-20 5B DUBOIS AND KING, INC., RANDOLPH, VT.	Effects of Water Stress on Growth and Nitrogen-Fixing Activity of Trifolium repens,	Most Typical Plant Communities of Lower Vakhsh, (in Russian),
Effects of Permafrost on Stream Flow Characteristics in the Discontinuous Permafrost Zone	W74-07352 7-14 3F	W74-06423 7-12 2I
of Central Alaska, W74-04392 7-09 2C	Nitrogen Fixation, W74-12575 7-23 5C	DUVAL CORP., TUCSON, ARIZ. Mercury Analysis by Atomic Absorption Spec-
DUKE UNIV., DURHAM, N.C. DEPT. OF	Anomalous Transmission of Water Through Certain Peats.	trophotometry, W74-07704 7-15 5A
BOTANY. North Carolina Marine Algae. II. New Records	W74-13014 7-24 2F	DWORSHAK NATIONAL FISH HATCHERY,
and Observations of the Benthic Offshore	DUNDEE UNIV. (SCOTLAND). DEPT. OF GEOLOGY.	AHSAHKA, IDAHO. Surface Agitators as a Means to Reduce
W74-03885 7-08 5A	Settling Behaviour Related to Sieve Analysis of Skeletal Sands,	Nitrogen Gas in a Hatchery Water Supply, W74-11936 7-22 5C
Vegetational Zonation in Two Successional Brackish Marshes of the Chesapeake Bay,	W74-00105 7-01 2J	DYNA-DRILL CO., HOUSTON, TEX.
W74-12689 7-23 5C	DUNSTAFFNAGE MARINE RESEARCH LAB., OBAN (SCOTLAND).	Down-Hole Motors for Improved Drilling, W74-07880 7-15 8C
DUKE UNIV., DURHAM, N.C. DEPT. OF CIVIL	Some Thoughts on Nutrient Limitation in	
Economic Guidelines for Public Utilities	Algae, W74-01428 7-03 5C	DYNAMIC TECHNOLOGY, INC. Positive Displacement Pumps, W74-07874 7-15 8C
Planning, W74-02114 7-04 5D	DUPONT DE NEMOURS (E.L.) AND CO.,	
Capital Cost Minimization of Drainage Networks,	AIKEN, S.C. Environmental Effect of a Complex Nuclear Facility,	DYNATECH CORP., CAMBRIDGE, MASS. An Electrochemical Method for Removal of
W74-07309 7-14 4A	W74-08254 7-16 5D	Phosphates from Waste Waters, W74-12209 7-23 5D
Scale-Up Solid Bowl Centrifuge Performance, W74-10914 7-21 5D	DUPONT DE NEMOURS (E.I.) AND CO., AIKEN, S.C. SAVANNAH RIVER LAB.	EARTH SATELLITE CORP., BERKELEY, CALIF.
DUKE UNIV. DURHAM, N.C. DEPT. OF	Geohydrology of the Buried Triassic Basin at the Savannah River Plant,	An Interregional Analysis of Natural Vegeta-
PHYSICS. Analysis of Biological, Clinical, and Environ-	W74-07934 7-15 5B	tion Analogues Using ERTS-1 Imagery, W74-01670 7-04 3F
mental Samples Using Proton-Induced X-Ray	DUPONT DE NEMOURS (E.I.) AND CO.,	Precision Annotation of Predetermined Primary
Emission, W74-11862 7-22 5A	AIKEN, S.C. SAVANNAH RIVER PLANT. Environmental Dose Measurements in the	Sampling Units on ERTS-1 MSS Images, W74-06705 7-13 4A
DUKE UNIV., DURHAM, N. C. DEPT. OF	Vicinity of Nuclear Facilities, W74-08911 7-17 · 5A	EARTH SATELLITE CORP., WASHINGTON,
ZOOLOGY. The Effects of Oil on the Gill Filtration Rate of	DUQUESNE LIGHT CO., SHIPPINGPORT, PA.	D.C. Exploitation of ERTS-1 Imagery Utilizing
Mya arenaria, W74-01773 7-04 5C	Annual Effluent Data and Environmental Monitoring Report of the Shippingport Atomic Power Station, (Pennsylvania).	Snow Enhancement Techniques, W74-01701 7-04 2C
DUKE UNIV., DURHAM, N.C. DEPT. OF	W74-09851 7-19 5A	Application of ERTS-1 Imagery to the Harvest
ZOOLOGY; AND DUKE UNIV., BEAUFORT, N.C. MARINE LAB.	DURHAM UNIV. (ENGLAND).	Model of the U.S. Menhaden Fishery, W74-06678 7-13 2L
The Circulation of Surface Waters in Raleigh Bay, North Carolina,	Reservoir Storage and the Thermal Regime of Rivers, with Special Reference to the River	Aerial Spill Prevention Surveillance During
W74-01210 7-03 2L	Lune, Yorkshire, W74-05464 7-11 4A	Sub-Optimin Weather, W74-07342 7-14 5A
DUKE UNIV., DURHAM, N.C. PAUL M. GROSS	DURHAM UNIV. (ENGLAND). DEPT. OF	
CHEMICAL LAB. Trace Metal Analysis in Water by Proton-In-	BOTANY. Freshwater Plankton,	The Potential of Meteorological Satellite Cloud Observations for Delineation of Significant
duced X-Ray Emission Analysis of Ion- Exchange Membranes,	W74-12579 7-23 5C	Features of Coastal Upwelling Off Oregon, W74-12338 7-23 7B
W74-11355 7-21 5A	Interactions with Other Organisms, W74-12582 7-23 5C	Application of ERTS-1 Data to the Protection
DUKE UNIV., DURHAM, N.C. SCHOOL OF FORESTRY.	DURHAM UNIV. (ENGLAND). DEPT. OF	and Management of New Jersey's Coastal En- vironment.
Landscape Compartmentalization: An Ecologi-	GEOCHEMISTRY.	W74-12639 7-23 2L
cal Approach to Land Use Planning, W74-07053 7-14 6G	Geochemistry of Sediments from Eleven Black Sea Cores,	EARTH SATELLITE CORP., WASHINGTON,
DUKE UNIV. MEDICAL CENTER, DURHAM,	W74-12387 7-23 2J	D.C. GEOSCIENCES AND ENVIRONMENTAL APPLICATIONS DIV.
N.C. Detection and Appraisal of Subclinical Intoxi-	DURHAM UNIV. (ENGLAND). DEPT. OF GEOGRAPHY.	Application of ERTS-1 Data to the Protection and Management of New Jersey's Coastal En-
cations, W74-06810 7-13 5C	River Regimes in Iran, W74-02298 7-05 2E	vironment, W74-02579 7-05 7B

EASAMS, CAMBERLEY (ENGLAND).

EASAMS, CAMBERLEY (ENGLAND).	EAST WORCESTERSHIRE WATERWORKS	EASTMAN KODAK CO., ROCHESTER, N.Y.
Application of Mathematical Modelling to	CO. (ENGLAND).	(ASSIGNEE)
Water Quality Management,	Remote Control of a Water System Using an	Cellulosic Reverse Osmosis Membranes Hav-
W74-01486 7-03 5B	On-Line Mini Computer, W74-12121 7-23 7C	ing High Flux and High Salt Rejection, W74-08022 7-15 3A
Computer Applications in Water Quality		
Modelling: Prediction of Ammoniacal Nitrogen	EASTERN ASSOCIATED COAL CORP.,	EBASCO SERVICES, INC., NEW YORK.
in the River Thames,	PITTSBURGH, PA.	NUCLEAR ENGINEERING DEPT.
W74-12139 7-23 5B	Water Quality Maintenance,	Technical and Economic Aspects of Water and
The Australia of Caralatical Tradelines to	W74-06330 7-12 5G	Waste Water Ozonation: A Critical Review,
The Application of Statistical Techniques to	EASTERN ENVIRONMENTAL RADIATION	W74-11070 7-21 5D
River Quality Management, W74-13024 7-24 5A	LAB., MONTGOMERY, ALA.	EBERLINE INSTRUMENT CORP., SANTA FE,
W/4-13024	Cesium-137 in White-Tailed Deer as Related to	N. MEX. DEPT. OF NUCLEAR SCIENCES.
EAST ALABAMA REGIONAL PLANNING AND	Vegetation and Soils of the Southeastern	Radiological Monitoring Program, Period
DEVELOPMENT COMMISSION, ANNISTON.	United States,	Covering July 1, 1972, Through September 30,
Sketch Development Plan, Chambers County,	W74-05190 7-10 5B	1972, for Cer Geonuclear Corporation, Project
Alabama.	EASTERN FISH DISEASE LAB. BUREAU OF	Rio Blanco.
W74-01485 7-03 5D	SPORT FISHERIES AND WILDLIFE,	W74-10114 7-19 5A
PACT BAY MINICIPAL LITTLET DICTRICT	KEARNEYSVILLE, W. VA.	Radiological Monitoring Program: Period
EAST BAY MUNICIPAL UTILITY DISTRICT,	The Effects of Environmental Stress on Out-	Covering April 1, 1972, Through June 30, 1972,
OAKLAND, CALIF. Environmental Assessment of Water-System	breaks of Infectious Disease of Fishes,	for Cer Geonuclear Corporation, Project Rio
Improvements.	W74-12249 7-23 5C	Blanco.
W74-13265 7-24 5G		W74-10115 7-19 5A
7-24 30	EASTERN KENTUCKY UNIV., RICHMOND.	
EAST CAROLINA UNIV., GREENVILLE. DEPT.	DEPT. OF BIOLOGICAL SCIENCES.	EBERLINE INSTRUMENT CORP., SANTA FE,
OF GEOLOGY.	Some Observations on Bacterial Populations in	N. MEX. SANTA FE LAB.
Recent Estuarine Sediment History of the	Wilgreen Lake, Madison, KY., W74-01242 7-03 5B	Environmental Monitoring Report, Period
Roanoke Island Area, North Carolina,	W/4-01242 /-03 3B	Covering May 1, 1973 Through July 31, 1973
W74-07245 7-14 2L	An Annotated List of the Summer Vertebrate	for El Paso Natural Gas Company. W74-11954 7-22 5B
EACT OF MEDIA CTATE COLL ADA OVIA	Fauna of Upper Lusk Creek, Pope County, Il-	W /4-11934 /-22 3B
EAST CENTRAL STATE COLL., ADA, OKLA.	linois,	EBERLINE INSTRUMENT CORP., SANTE FE,
SCHOOL OF ENVIRONMENTAL SCIENCE. Soil Systems For Municipal Effluents - A	W74-07036 7-13 2I	N.MEX. SANTA FE LAB.
Workshop and Selected References,	EASTERN MICHIGAN UNIV., YPSILANTI.	Radiological Monitoring ProgramPeriod
W74-11924 7-22 5D	Ohio Mussel Fisheries Investigation. Part I:	Covering May 17, 1973, thru July 31, 1973, for
117-11724	Mussel Studies. Part II: Water Chemistry and	Cer Geonuclear Corporation, Project Rio Blan-
EAST CENTRAL STATE COLLEGE, ADA,	Sediment Analyses. Part III: Plankton Survey.	co.
OKLA. ENVIRONMENTAL INFORMATION	W74-03931 7-08 5C	W74-09878 7-19 5B
AND MEDIA CENTER.		ECODNYE CORP., CHICAGO, ILL.
The Development and Operation of a Prototype	Ohio Mussel Fisheries Investigation. Part I:	(ASSIGNEE).
State Environmental Information Center,	Mussel Studies,	Method for Treating Water Containing
W74-12473 7-23 10D	W74-03932 7-08 8I	Suspended Solids from a Sanitary System,
EAST JEFFERSON GENERAL HOSPITAL,	Ohio Mussel Fisheries Investigation. Part II:	W74-09724 7-18 5D
METAIRIE, LA.	Water Chemistry and Sediment Analyses,	
Effect of Temperature of Incubation on Per-	W74-03933 7-08 5C	ECODYNE CORP., CHICAGO, ILL.
formance of Media in the Detection of Enteric		(ASSIGNEE).
Pathogens,	Ohio Mussel Fisheries Investigation. Part III:	Method for Removing Suspended Solids from
W74-00646 7-02 5A	Plankton Survey,	Liquids,
	W74-03934 7-08 5C	W74-02484 7-05 5D
EAST MALLING RESEARCH STATION,	EASTERN NEW MEXICO UNIV., PORTALES.	ECOLE NATIONAL SUPERIEURE
MAIDSTONE, (ENGLAND).	Fluctuations in Nitrate Concentrations Utilized	AGRONOMIQUE DE TOULOUSE (FRANCE).
Land Use and Water Resources,	as an Assessment of Agricultural Contamina-	The Filtration Flow of Pure Water Through
W74-03024 7-06 2A	tion to an Aquifer of a Semiarid Climatic Re-	Kaolin and Darcy's Law (Les Ecoulements de
EAST OF SCOTLAND WATER BOARD,	gion,	Filtration Dans le Kaolin et La Loi de Darcy),
INVERGOWRIE (SCOTLAND).	W74-00850 7-02 5B	W74-10607 7-20 2G
An Evaluation of Mixing in the Tay Estuary,	PACTERN NEW MEVICO UNIV BORTALEC	ECOLE NATIONALE SUPERIEURE DES
W74-00384 7-01 2L	EASTERN NEW MEXICO UNIV., PORTALES. DEPT. OF BIOLOGICAL SCIENCES.	MINES DE PARIS, FONTAINEBLEAU
	Pollution Studies of the Regional Ogallala	(FRANCE). CENTER FOR GEOLOGICAL
EAST SUFFOLK AND NORFOLK RIVER	Aquifer at Portales, New Mexico,	INFORMATION.
AUTHORITY (ENGLAND).	W74-09596 7-18 5B	Some Recent Applications of the Theory of
The Jubilee of the Royal Commission Standard,		Dispersion in Porous Media,
W74-10891 7-20 5G	EASTMAN CHEMICAL PRODUCTS, INC.,	W74-12854 7-24 2F
FACT TENNESCEE STATE UNIV TOURSON	KINGSPORT, TENN. POLYMER	EGG1 E 11 - EGG1 - E - E - E - E - E - E - E - E - E -
EAST TENNESSEE STATE UNIV., JOHNSON	TECHNOLOGY DIV.; AND EASTMAN	ECOLE NATIONALE SUPERIEURE DES
CITY. DEPT. OF BIOLOGY, An Examination of Three Strains of the Blue-	CHEMICAL PRODUCTS, INC., KINGSPORT,	MINES DE PARIS (FRANCE).
Green Algal Genus, Fremyella,	TENN. PHOTOGRAPHIC TECHNOLOGY DIV. Industrial Waste Treatment Opportunities for	Water Resources Management, W74-05396 7-10 6B
W74-06759 7-13 5C	Reverse Osmosis,	W74-05396 7-10 6B
, 13 30	W74-09635 7-18 5D	ECOLE NATIONALE VETERINAIRE DE LYON
EAST-WEST GATEWAY COORDINATING	710 30	(FDANCE) LABORATOIDE DE DECUEDOUSS

EASTMAN KODAK CO., ROCHESTER, N.Y.

fluents,

W74-12718

7-11 6B

Biological Treatment of Photo Processing Ef-

7-23 5D

DE LA CHAIRE OF PARASITOLOGIE.

Toxicity of an Algal Complex on Freshwater
Fauna: 2. Action on Lymnaea Spp. (in French).

W74-08109

COUNCIL, ST. LOUIS, MO.

cies, and Objectives.

W74-05876

Environmental Quality Planning - Goals, Poli-

ECOLE POLYTECHNIQUE, MONTREAL (QUEBEC). Evaluation of in Situ Creep Properties of	ECONOMIC RESEARCH SERVICE, WASHINGTON, D.C. FARM PRODUCTION ECONOMICS DIV.	EDMUNDSON, KOCHENDOERFER, AND KENNEDY, PORTLAND, OREG.; AND DANIEL, MANN, JOHNSON, AND
Frozen Soils with the Pressuremeter,	Implications of State Environmental Legisla-	MENDENHALL, PORTLAND, ORE.
W74-04377 7-09 2C	tion on Livestock Waste Management,	Sewerage Master Plan, Eugene-Springfield Ur-
ECOLE POLYTECHNIQUE, MONTREAL	W74-09670 7-18 5G	banizing Area. W74-01042 7-02 5D
(QUEBEC). HYDRAULIC DIV.	EDGEWOOD ARSENAL, ABERDEEN	
Streamflow Simulation: 3. The Broken Line Process and Operational Hydrology,	PROVING GROUND, MD. Detection and Estimation of Isopropyl	EDMUNDSON, KOCHENDOERFER, AND KENNEDY, PORTLAND, OREG.; AND
W74-07520 7-14 2A	Methylphosphonofluoridate and O-Ethyl S-	DANIEL, MANN, JOHNSON, AND
ECOLGENOVA, S.P.A., GENOA (ITALY).	Diisopropylaminoethylmethylphosphonothioate	MENDENHALL, PORTLAND, OREG. Water Master Plan. Eugene-Springfield Ur-
An Interesting Method of Abating Pollution in	in Seawater in Parts-Per-Trillion Level, W74-02427 7-05 5A	banizing Area.
the Pulp and Paper Industry, W74-12431 7-23 5D		W74-01479 7-03 3D
	Comparative Ecology and Zooplankton of Two Maryland Ponds Including a Congeneric Occur-	EG AND G, INC., LAS VEGAS, NEV.
ECOLOGY AUDITS, INC., DALLAS, TEX. The Economics of Environmental Quality Mea-	rence of Diaptomus (Calanoida: Copepoda),	Aerial Radiological Measuring Survey of the Area Surrounding the Monticello Nuclear
surement,	W74-03308 7-07 5C	Generating Plant, Monticello, Minnesota, Au-
W74-09243 7-17 5G	Test for Anticholinesterase Materials in Water,	gust 1970. W74-04185 7-08 5E
ECOLOTROL, INC., BETHPAGE, N.Y.	W74-03838 7-08 5A	
Plant Gets New Process, W74-10815 7-20 5D	Properties of GB in Water,	Aerial Radiological Measuring Survey of the Area Surrounding Big Rock Point Nuclear
	W74-06161 7-12 5B	Plant, Big Rock Point, Michigan, 1968,
ECONOMIC AND SOCIAL RESEARCH INST., DUBLIN (IRELAND).	Collection, Detection, Identification, and	W74-04186 7-08 5E
An Economic Evaluation of Irish Salmon Fish-	Quantitation of Human Effluents, W74-07912 7-15 5A	Aerial Radiological Measuring Survey of the
ing. I: The Visiting Anglers,		Area Surrounding the Robert Emmett Ginna Nuclear Power Plant, Ontario, New York
W74-12796 7-24 6B	Proceedings of Meeting on Environmental Pol- lution (3rd) Held at Fort McNair on 17-18 May	Sept. 8, 1970.
ECONOMIC COMMISSION FOR ASIA AND	1972, Sponsored by American Ordnance As-	W74-04446 7-09 5A
THE FAR EAST (UN), BANGKOK (THAILAND). Alternative Water Resource Systems in the	sociation.	Aerial Radiological Measuring Survey of the
Lower Mekong,	W74-10765 7-20 5G	Area Surrounding the La Crosse Boiling Water Reactor, Genoa, Wisconsin, July 1968.
W74-05733 7-11 6A	EDGEWOOD ARSENAL, ABERDEEN	W74-04447 7-09 5A
ECONOMIC COMMISSION FOR ASIA AND	PROVING GROUND, MD. BIOMEDICAL LAB. Progress in Ecological Research at Edgewood	Aerial Radiological Measuring Survey of the
THE FAR EAST (UN), BANGKOK (THAILAND). MEKONG COMMITTEE SECRETARIAT.	Arsenal, Maryland: Fiscal Years 1971 and 1972,	Area Surrounding the Vermont Yanker
Applications of Multispectral Imagery to Water	W74-07986 7-15 5C	Generating Station and the Yankee Nuclea Power Station, September 18, 1970.
Resources Development Planning in the Lower Mekong Basin (Khemer Republic, Laos, Thai-	EDGEWOOD ARSENAL, MD. BIOMEDICAL	W74-04448 7-09 5A
land and Viet-Nam),	LAB. A New Record of the Bowfin, Amia calva Lin-	Aerial Radiological Measuring Survey of the
W74-02590 7-05 7B	naeus, in the Upper Chesapeake Bay,	Area Surrounding the Point Beach Nuclea
Alternative Water Resource Systems in the	W74-01986 7-04 2L	Plant, Two Creeks, Wisconsin, August 16 and 17, 1970.
Lower Mekong, W74-06418 7-12 4A	EDINBURGH UNIV. (SCOTLAND). DEPT. OF	W74-04449 7-09 5A
	STATISTICS. The Estimation of Relative Potency from Two	Aerial Radiological Measuring Survey of the
ECONOMIC DEVELOPMENT CORP., BATTLEBORO, VT.	Parabolas in Symmetric Bioassays,	Fort Calhoun Station, Fort Calhoun, Nebraska
Process for Treating Water,	W74-04899 7-10 5A	August 9-10, 1972. W74-06815 7-13 5/
W74-11406 7-21 5D	EDINBURGH UNIV. (SCOTLAND). GRANT	
ECONOMIC RESEARCH SERVICE, DAVIS,	INST. OF GEOLOGY.	Aerial Radiological Measuring Survey of the Area Surrounding the Palisades Plant, South
CALIF. Effects of Colorado River Water Quality and	Distribution of Trace Metals in the Pore Waters of Shallow Water Marine Sediments,	Haven, Michigan, July 29, 1970.
Supply on Irrigated Agriculture,	W74-00828 7-02 2K	W74-06816 7-13 5/
W74-08014 7-15 3C	Particulate Metals in Waters of Sorfjord West	Aerial Radiological Measuring Survey of the
ECONOMIC RESEARCH SERVICE, DAVIS,	Norway,	Area Surrounding the Enrico Fermi Atomi Power Plant, Monroe, Michigan, Septembe
CALIF. FARM PRODUCTION ECONOMICS DIV.	W74-01528 7-03 5B	1970.
On the Necessary and Sufficient Conditions for	EDISON WATER QUALITY LAB., N.J.	W74-06817 7-13 5/
a Long-Term Irrigated Agriculture, W74-05663 7-11 5B	Oil Spills, Hazardous Materials Spills, Vessel Protection, and Ocean Dumping,	Aerial Radiological Measuring Survey of the
	W74-10772 7-20 5G	Area Surrounding the Dresden Nuclear Powe Station, Morris, Illinois, September 1968,
ECONOMIC RESEARCH SERVICE, URBANA, ILL. FARM PRODUCTION ECONOMICS DIV.	EDISON WATER QUALITY RESEARCH LAB.,	W74-09250 7-17 5/
Economic Implications of Water Pollution	N.J.	Aerial Radiological Measuring Survey of the
Abatement in Family Farm Livestock Produc- tion,	Combined Sewer Overflow Seminar Papers. W74-07255 7-14 5D	Area Surrounding the Millstone Nuclear Power
W74-10738 7-20 6E		Station, Waterford, Connecticut, August 2 and September 11, 1969.
ECONOMIC RESEARCH SERVICE, (USDA),	Stormflow Pollution Control in the U.S., W74-07256 7-14 5D	W74-10120 7-19 5/
WASHINGTON, D.C.		Ground Based Observations Supporting th
Prospective Costs of Adjusting to a Declining Water Supply: Texas High Plains,	Runoff of Oils from Rural Roads Treated to Suppress Dust,	Shippingport Pennsylvania, Aerial Radiation Survey of February 1973.
W74-09242 7-17 6D	W74-08236 7-16 5B	W74-10121 7-19 5

EG AND G, INC., LAS VEGAS, NEV.

Areal Snowpack Water-Equivalent Determinations Using Airborne Measurements of Passive Terrestrial Gamma Radiation, 7-20 2C W74-10681

Aerial Radiological Measuring Survey of the Area Surrounding the Quad-Cities Station, Cordova, Illinois, July 1968. W74-13112

EG AND G., INC., LAS VEGAS, NEV. AERIAL SURVEILLANCE DEPT.

Radiological Survey of the Area Surrounding the Elk River Reactor, Elk River, Minnesota. W74-05179

EG AND G INTERNATIONAL, INC., WALTHAM, MASS. ENVIRONMENTAL EQUIPMENT DIV.

Instruction Manual for Expendable Dew Point Hygrometer. W74-12078

EG G, INC., LAS VEGAS, NEV.

Aerial Radiological Measuring Survey of the Area Surrounding the Hallam Nuclear Power Favility, Hallam, Nebraska, September 20, W74-11960

EGNER AND NIEDERKORN ASSOCIATES.

INC., ITHACA, N.Y.

Southern Tier East Regional Plan, Broome-Tioga Counties, Priorities for the Riverbanks Plan.

W74-01871 Southern Tier East Regional Plan, Broome-

Tioga Counties, Recreation, Open Spaces, Riverbanks W74-01872 7-04 6R

Summary of the Southern Tier East Regional Plan, Broome and Tioga Counties, New York.

W74-02844 7-06 6B EGYPTIAN DESERT INST., CAIRO.

Adverse-Bottom-Slope Weir and Orifice, W74-11518 7-22 7B

EIDGENOESSISCHE ANSTALT FUER WASSERVERSORGUNG, ABWASSERREINIGUNG UND GEWAESSERSCHUTZ, ZURICH (SWITZERLAND).

Concepts of Pollution and Its Control, W74-08422 7-16 5G

Water Quality and Water Pollution Control in Switzerland, W74-08697 7-16 5G

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND).

Evaporation Losses from Containers of Hellmann Precipitation Gauges. 7-22 2B W74-11909

FIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND). INSTITUT FUER MOLEKULARBIOLOGIE UND RIOPHYSIK.

Concerning Large-Scale Cultivation of Thermophilic Cosmopolitan Mastigocladus Laminousus Cohn (Cyanophyta) in Icelandic Hot Springs, 7-09 21 W74-04486

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND). MICROBIOLOGICAL INST.

The kinetics of Yeast Growth on Pure Hydrocarbons, W74-05493 7-11 5B

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND). VERSUCHSANSTALT FUER WASSERBAU. HYDROLOGIE UND GLAZIOLOGIE.

Forecasting Discharge from a Glaciated Basin in the Swiss Alps, W74-12974

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND). VERSUCHSANSTALT FUER WASSERBAU UND ERDBAU.

Variations in the Relation Between Glacier Discharge and Meteorological Elements, W74-09330 7-18 2C

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE, ZURICH (SWITZERLAND). VERSUCHSANSTALT FUER WASSERTAU, HYDROLOGIE UND GLAZIOLOGIE.

Comparison of Mean Rain Catch of Various Gauge Networks. 7-24 2B W74-12976

EIDGENOESSISCHE TECHNISHE HOCHSCHULE, ZURICH (SWITZERLAND). VERSUCHSANSTALT FUER WASSERBAU UND ERDBAU.

Influence of Changes in the Glacierzed Area on Summer Run-Off in the Porte Du Scex Drainage Basin of the Rhone, W74-09344 7-18 2C

EIDGENOSSISCHE ANSTALT FUER WASSERVERSORGUNG. ABWASSERREINIGUNG UND GEWASSERSCHUTZ, ZURICH (SWITZERLAND).

Ecological Studies in Artificial Streams. III. The Seasonal Change in the Relationship of Heterotroph to Phototrophic Biomasses in Different Sewage Concentrations, (Okologische Untersuchungen an Modellfliessgewassern. III. Die Jahreszeitlichen Veranderungen im Verhaltnis Von Heterotropher Zu Phototropher Biomasse Bet Verschiedenen Abwasserblastungen), W74-11317 7-21 SC

Ecological Studies in Artificial Streams. IV. Self Purification and Biomass Production in a Domestic Sewage Gradient, (Okologische Untersuchungen an Modelleliessgewassern. IV. Auswirkung der Selbsteinigung auf die Biomassebildung in Einem Abwassergradienten), W74-11318 7-21 5C

EKONO, HELSINKI (FINLAND).

Study of Pulp and Paper Industry's Effluent Treatment. W74-04538 7-09 5D

EL PASO WATER UTILITIES, TEX. El Paso's Water Resources, 7-02 6D

W74-00740

ELECTROLUX A/S (DENMARK). Vacuum Sewage Transport and Treatment in Rural Areas in Denmark. 7-19 5D W74-10175

EMORY UNIV., ATLANTA, GA.

An Ecological Approach to the Evaluation of Radioactivity Within the Man-Environment Ecosystem. W74-05182 7-10 5B

Environmental Control in Nuclear Fuel Reprocessing, W74-11955 7-22 5B EMORY UNIV., ATLANTA, GA. DEPT. OF BIOLOGY.

Effects of Urbanization on the Salamander Desmognathus fuscus fuscus, W74-01827 7-04 21

EMORY UNIV., ATLANTA, GA. DEPT. OF PHYSICS.

A Gamma-Ray Spectrum Analysis Technique for Low-Level Environmental Radionuclides. W74-08888

EMSCHERGENOSSENSCHAFT AND LIPPEVERBAND, ESSEN (WEST GERMANY). DEPT. OF CHEMISTRY.

The European Scene,

7-24 5D W74-13293

EMSCHERGENOSSENSCHAFT, ESSEN (WEST GERMANY).

Practical Experience with Devices to Measure O2 Content, Turbidity, Solid Matter Content and Electrical Conductivity Used for Monitoring Water Quality in Rivers, W74-11548 7-22 5A

Measuring Devices in Stationary and Mobile Control Stations for the Supervision of Rivers, Shown by the Example of the Lippe and Emscher Rivers, W74-11554

Radio Control of Water Level Gauges in Watercourses Endangered by High Water Levels. W74-11557

ENERGY POLICY PROJECT, WASHINGTON,

Exploring Energy Choices. 7-13 6D W74-06879

ENGELHARD INDUSTRIES, EAST NEWARK, N.J. INSTRUMENTAL ANALYSIS LAB.

Spectrochemical Method For the Determination of 36 Elements in Industrial Effluent. W74-11351 7-21 5A

ENGELHARD INDUSTRIES, INC., NEWARK, N.J.

Corrosion Resistance of Piping and Construction Materials, W74-07888 7-15 8G

ENGINEERING COMPONENTS LTD., LIVERPOOL (ENGLAND). (ASSIGNEE)

Automatic Valves, Particularly for Use With Filters, W74-08900 7-17 8C

ENGINEERING-SCIENCE, INC., BERKELEY. CALIF.

Comparative Costs of Erosion and Sediment Control, Construction Activities. W74-04986 7-10 4D

Estimation of Rainfall Erosion Index, W74-12321 7-23 21

ENGINEERING SCIENCE, INC., BERKELEY, CALIF., AND ENGINEERING SCIENCE, INC., MCLEAN, VA. INTERNATIONAL DIV.

Transfer of Water Resources Knowledge from Developed to Developing Regions of the World,

W74-00209 7-01 10A

ENGINEERING-SCIENCE, INC., CINCINNATI.

Management of Stormwater Runoff in Suburban Environments, W74-04302 7-09 5D

ORGANIZATIONAL INDEX ENVIRONMENTAL PROTECTION AGENCY, ATHENS, GA. SOUTHEAST WATER LAB.

ENGINEERING-SCIENCE, INC., HONOLULU,	ENVIRONMENTAL DEVICES CORP.,	Chesapeake Bay Nutrient Input Study,
HAWAII; DILLINGHAM ENVIRONMENTAL	MARION, MASS. (ASSIGNEE)	W74-12660 7-23 5C
CO., HONOLULU, HAWAII; AND SUNN, LOW,	Method and Apparatus for Determining Pollu-	PAULBONNENTAL BROTECTION ACENCY
TOM AND HARA, INC., HONOLULU, HAWAII.	tion Index, W74-08903 7-17 5A	ENVIRONMENTAL PROTECTION AGENCY, ATHENS. GA.
Water Quality Program for Oahu with Special Emphasis on Waste Disposal: Final Report.	W/4-08903 /-1/ 3A	Sides: Storet Input Data Editing System,
W74-00456 7-01 5D	ENVIRONMENTAL ENGINEERING, INC.,	W74-11759 7-22 7C
117-00-30	GAINESVILLE, FLA.	W/4-11/39
ENGLISH CHINA CLAYS LTD., SAINT	In-Process Pollution Abatement: Upgrading	ENVIRONMENTAL PROTECTION AGENCY,
AUSTELL (ENGLAND).	Poultry-Processing Facilities to Reduce Pollu-	ATHENS, GA. AGRO-ENVIRONMENTAL
New Fine Particle Technologies Applied to the	tion,	SYSTEMS BRANCH.
Environmental Problems of the Paper Industry, W74-12424 7-23 5D	W74-03498 7-07 5D	Predicting Pesticide Runoff From Agricultural
W /4-12424 /-23 3D	ENVIRONMENTAL HEALTH LAB., KELLY	Land: A Conceptual Model,
ENO FOUNDATION FOR TRANSPORTATION,	AFB, TEX.	W74-07427 7-14 5B
INC. SAUGATUCK, CONN.	Survey of Wastewater Facilities and Receiving	ENVIRONMENTAL PROTECTION AGENCY,
Recreational Demand at Lakes and Reservoirs,	Waters and Proposed Performance Specifica-	ATHENS, GA. SOUTHEAST ENVIRONMENTAL
W74-03480 7-07 6D	tions, McGuire AFB and Ft Dix, New Jersey,	RESEARCH LAB.
ENTE NAZIONALE PER L'ENERGIA	Volumes I and II,	Gas-Liquid Chromatography-Mass Spec-
ELETTRICA, ROME (ITALY).	W74-05530 7-11 5D	trometry of Organomercury Compounds,
First Experimental Results on the Diffusion of	Wastewater Treatment and Discharge Survey,	W74-00253 7-01 5A
Fresh Water in a shallow bay,	Offutt AFB NE, Oct 1973,	
W74-03100 7-06 2L	W74-10355 7-20 5D	Organic Pollutant Identification Utilizing Mass
ENTE NAZIONALE PER LA CELLULOSA E		Spectrometry,
PER LA CARTA, ROME (ITALY).	ENVIRONMENTAL HEALTH LAB.,	W74-00309 7-01 5A
Study on the Toxicity on Fishes and the	MCCLELLAN AFB, CALIF.	Current Practice in GC-MS Analysis of Or-
Biodegradability of the Paper-Mill Wastes, in	Loss of Mercury from Water During Storage,	ganics in Water,
Relation to the Biocides Used,	W74-04048 7-08 5A	W74-00834 7-02 5A
W74-12419 7-23 5C	ENVIRONMENTAL IMPACT CENTER, INC.,	
ENVIREX, INC., MILWAUKEE, WIS.	CAMBRIDGE, MASS.	Evaluation of Flame Emission Determination
ENVIRONMENTAL SCIENCES DIV.	A Methodology for Assessing Environmental	of Phosphorus in Water,
Screening/Dissolved-Air Flotation Treatment	Impact of Water Resources Development.	W74-01116 7-03 5A
of Combined Sewer Overflows,	W74-02822 7-06 6B	Effects of Protozoa on the Fate of Particulate
W74-07262 7-14 5D	ENVIRONMENTAL LAW INCO	Carbon.
Development of a High Product Water	ENVIRONMENTAL LAW INST., WASHINGTON, D.C.	W74-01117 7-03 5C
Recovery System for the Treatment of Acid	NEPA in the Courts: A Legal Analysis of the	***************************************
Mine Drainage by Reverse Osmosis,	National Environmental Policy Act,	Chemistry of Organomercurials in Aquatic
W74-08841 7-17 5D	W74-05586 7-11 6E	Systems,
		W74-03328 7-07 5B
ENVIROGENICS CO., EL MONTE, CALIF.	Wilderness Preservation II: Bringing the Con-	
Research on Advanced Membranes for Reverse	vention into Court,	Environmental Applications of Advanced In-
Osmosis, W74-00318 7-01 3A	W74-05766 7-11 6E	strumental Analyses: Assistance Projects, FY
W /4-00316 /-01 3A	Effluent Charges on Air and Water pollution,	72, W74-04197 7-08 5A
Sea Water Pilot Plant Construction and Opera-	W74-08524 7-16 5G	7-00 34
tion,		Evaluation of a Microwave-Induced Plasma
W74-01909 7-04 3A	ENVIRONMENTAL PREDICTION RESEARCH	Spectrometer for Trace Analysis,
Operation of the 16-Stage MSF Pilot Plant	FACILITY (NAVY), MONTEREY, CALIF.	W74-06841 7-13 5A
1969-1970.	A Model of Circulation and Dispersion in Pearl	M. W. 1
W74-11631 7-22 3A	Harbor, W74-11769 7-22 5B	Multielement Analysis of Environmental Sam-
	W/4-11/03	ples By Spark Source Mass Spectrometry, W74-10547 7-20 5A
Development Program and Test Instrumenta-	ENVIRONMENTAL PREDICTION RESEARCH	W/4-1034/ /-20 3A
tion for VTE/MSF Module Plant, Fountain Valley, California.	FACULTY (NAVY), MONTEREY, CALIF.	Chemical Profiles of Kraft Paper Mill Treated
W74-11635 7-22 3A	Potential Cumulus Rainfall Modification,	Wastewaters,
	Panama Canal Zone,	W74-10992 7-21 5D
ENVIROGENICS SYSTEMS CO., EL MONTE,	W74-13168 7-24 3B	
CALIF.	ENVIRONMENTAL PROTECTION AGENCY,	Herbicide Runoff from Four Coastal Plain Soil
Research on Advanced Membranes for Reverse	ADA, OKLA.	Types,
Osmosis,	Solution and Adsorbed Fluometuron Concen-	W74-11805 7-22 5B
W74-11642 7-22 3A	tration Distribution in a Water-Saturated Soil:	Comparison of Germanium Detectors for
Development of Field-Applied DDT,	Experimental and Predicted Evaluation,	Neutron Activation Analysis for Mercury,
W74-12218 7-23 5G	W74-08924 7-17 2G	W74-12220 7-23 5A
ENVIRONGENICS SYSTEMS CO., EL MONTE,	ENVIRONMENTAL PROTECTION AGENCY,	
CALIF.	ANNAPOLIS, MD. ANNAPOLIS FIELD OFFICE.	Methylmercury Complexes in Aquatic
Development of a Reverse Osmosis Module for	Nutrient Enrichment and Control Requirements	Systems,
Wash Water Recycling in a Space Environment	in the Upper Chesapeake Bay, Summary and	W74-12480 7-23 5B
at 165 deg F,	Conclusions,	ENVIRONMENTAL PROTECTION AGENCY,
W74-08344 7-16 5D	W74-06352 7-12 5C	ATHENS, GA. SOUTHEAST WATER LAB.
ENVIRONMENTAL DEPENCE PUND	Distribution of Matels in Baltimore Washing	The Carbon Cycle in Aquatic Ecosystems,
ENVIRONMENTAL DEFENSE FUND, WASHINGTON, D.C. WATER RESOURCES	Distribution of Metals in Baltimore Harbor Sediments,	W74-01801 7-04 5C
PROGRAM.	W74-06924 7-13 5B	
Is the Water Safe to Drink. Part I: The		Chemiluminescence Analysis for Trace Pollu-
Problem,	Auto-Qual Modelling System,	tants,
W74-10897 7-20 5F	W74-12342 7-23 5B	W74-06131 7-12 5A

ENVIRONMENTAL PROTECTION AGENCY, ATHENS, GA. SURVEILLANCE AND ANALYSIS

ENVIRONMENTAL PROTECTION AGENCY, ATHENS, GA. SURVEILLANCE AND ANALYSIS DIV.		ENVIRONMENTAL PROTECTION CINCINNATI, OHIO. OFFICE OF AND DEVELOPMENT.		ENVIRONMENTAL PROTECTION DAUPHIN ISLAND, ALA. GULF CO WATER SUPPLY RESEARCH, LAI	DAST
A Report on Bacterial Pollu	tion Affecting	Design and Simulation of Equality	zation Basins.	The Accumulation of Organic a	
Shellfish Harvesting in Newpor		W74-08046	7-15 5D	Mercury Compounds by the Ea (Crassostrea virginica),	
Carolina. W74-02621	7-05 5B	ENVIRONMENTAL PROTECTION CINCINNATI, OHIO. OFFICE OF		W74-08346	7-16 5C
Water Quality Portion of the Co	oper River En-	PROGRAM OPERATIONS. Freshwater Biology and Polls	stion Ecology:	ENVIRONMENTAL PROTECTION	AGENCY,
vironmental Study.		Training Manual.	dion Ecology.	DENVER, COLO. REGION VIII. Utah Environmental Problems as	ad I anialatina
W74-09385	7-18 5B	W74-06558	7-13 5A	Response: II, Legislative Respons	
Monitoring the Aquatic En	vironment for			W74-08535	7-16 5G
Specific Organic Pollutants,	vironment 101	Selection and Operation of Sm			
W74-10959	7-21 5A	Treatment Facilities - Training N W74-07485	7-14 5D	Utah Environmental Problems as Response: Part 1,	nd Legislative
				W74-09282	7-18 5G
Environmental Effects of Petro		ENVIRONMENTAL PROTECTIO		W 14-07262	7-10 50
Discharges on Tallaboa and G	uayanılla Bays,	CINCINNATI, OHIO. RADIOCHE		ENVIRONMENTAL PROTECTION	AGENCY,
Puerto Rico, W74-11228	7-21 5C	NUCLEAR ENGINEERING BRAN Radionuclides in the Environm		EDISON, N.J.	
₩ /4-11228	7-21 30	Power Stations.	ent at Nuclear	Water Pollution and Associated	Effects from
ENVIRONMENTAL PROTECTIO	N AGENCY,	W74-05183	7-10 5B	Street Salting,	
ATLANTA, GA.		1174-03103	7-10 31	W74-08306	7-16 5B
Palm Beach County Sewage Im	provement Pro-	ENVIRONMENTAL PROTECTIO		Pollution Abatement in the Meta	Finishine In-
gram Florida (Final Environmen	tal Statement).	CINCINNATI, OHIO. VIROLOGY	SECTION.	dustry,	I I misning In-
W74-10514	7-20 5D	Phycoviruses,		W74-09213	7-17 5D
		W74-12573	7-23 5C		
ENVIRONMENTAL PROTECTIO		ENVIRONMENTAL PROTECTIO	N AGENCY.	ENVIRONMENTAL PROTECTION	
ATLANTA, GA. BUREAU OF WA	TER	CINCINNATI, OHIO. WATER QU		EDISON, N.J. FEDERAL WATER I	
HYGIENE. Evaluation of the Tennessee Wa	ter Supply Pro-	OFFICE.		Federal Policy Towards Wetlands	
gram, Summary.	ater Supply 110-	Storage and Retrieval of Water	Quality Data	W74-08170	7-16 5G
W74-03158	7-06 5G	Training Manual.		ENVIRONMENTAL PROTECTION	AGENCY.
11 / 1 0 3 1 3 0	7 00 50	W74-03171	7-06 5A	GROSSE ILE, MICH. GROSSE ILE	LAB.
ENVIRONMENTAL PROTECTIO	N AGENCY,	Industrial Liquid Waste Sur	vevs: Training	Assessment of Fish Flesh Taintin	g Substances,
BOSTON, MASS.		Manual.		W74-12186	7-23 5A
Taste Thresholds of Halogens in	Water,	W74-07988	7-15 5G	ELITE OUT THE STATE OF COMPANY	anna
W74-00119	7-01 5F	n' n		ENVIRONMENTAL PROTECTION	
		Bioassay Diluter Construction, W74-12646	7-23 5A	GULF BREEZE, FLA. GULF BREE ENVIRONMENTAL RESEARCH L	
ENVIRONMENTAL PROTECTIO		W /4-12040	1-23 3A	Estuarine Microbes and Organo	
BOSTON, MASS. PERMITS BRA		ENVIRONMENTAL PROTECTIO	N AGENCY,	cides (A Brief Review).	emorme reou
Recent Developments on W	vater rollution	CINCINNATI, OHIO. WATER SU	PPLY	W74-08634	7-16 5B
Legislation, W74-08895	7-17 5G	RESEARCH LAB.			
W 14-08873	7-17 30	Evaluation of a Low-Cost Arse		Short-Term Effects of Organoph	
ENVIRONMENTAL PROTECTIO	N AGENCY,	um Determination at Micro	ogram-Per-Liter	cides on Cholinesterases of Es	tuarine Fishes
BOSTON, MASS. REGION I.		Levels, W74-03851	7-08 5A	and Pink Shrimp, W74-11486	7-22 50
VirusesWhat is Their Signifi	cance in Water	W 74-03631	7-00 JA	W /4-11480	1-22 30
Supplies,		ENVIRONMENTAL PROTECTIO	N AGENCY,	Effects of Aroclor 1254 on Labo	oratory-Reared
W74-13272	7-24 5C	COLLEGE, ALASKA. ARCTIC		Embryos and Fry of Sheepsh	ead Minnows
		ENVIRONMENTAL RESEARCH		(Cyprinodon Variegatus),	
ENVIRONMENTAL PROTECTIO	ON AGENCY,	Batch Disinfection of Treated V	Vastewater with	W74-13082	7-24 50
CHICAGO, ILL. REGION V.	a of I and for	Chlorine at Less Than 1 deg C, W74-04042	7-08 5D	Residues in Fish, Wildlife, and E	stuorios
A Regional View on the Us Disposal of Municipal Sewage a		W 74-04042	7-08 3D	W74-13317	7-24 5C
W74-05969	7-12 5D	Diffusion System for Cold Clim	ate Lagoons,	W 74-13317	1-24 30
W 74-03909	7-12 30	W74-10169	7-19 5D	ENVIRONMENTAL PROTECTION	AGENCY,
Lake Erie, Ohio, Pennsylvania	, New York In-	Chlorine Disinfection of Wastev	votes	GULF BREEZE, FLA. GULF BREE	
take Water Quality Summary, 1	970.	W74-10182	7-19 5D	Population Biomass, Number of	
W74-05987	7-12 5B	17 /4-10102	7-19 3D	Average Individual Weight, and t	the Linear Sur-
		Alaska Village Demonstration		plus Production Model,	9.00
ENVIRONMENTAL PROTECTION	ON AGENCY,	Generation of Integrated Utilit	ties for Remote	W74-01593	7-03 2
CINCINNATI, OHIO.	Designation	Communities,		Accumulation and Movement	of Mirex in
Control and Prevention of Mine		W74-10186	7-19 5D	Selected Estuaries of South Caro	
W74-09214	7-17 5D	Low Winter Dissolved Oxy	gen in Some	W74-06054	7-12 5I
ENVIRONMENTAL PROTECTIO	ON AGENCY.	Alaskan Rivers,		Effects of the Polychlorina	4-4 P' 1

ENVIRONMENTAL PROTECTION AGENCY, CINCINNATI, OHIO. ADVANCED WASTE TREATMENT RESEARCH LAB.

Mathematical Model for Post Aeration, W74-08045 7-15 5D

ENVIRONMENTAL PROTECTION AGENCY, CINCINNATI, OHIO. ANALYTICAL QUALITY CONTROL LAB.

Biological Monitoring of the Aquatic Environment. W74-12178 7-23 5A

ENVIRONMENTAL PROTECTION AGENCY, DALLAS, TEX.

W74-10546

W74-12223

Roads in the Subarctic,

Salinity Control Interim Report for Water Supply and Water Quality Control Study, Brazos River Basin, Texas. 7-18 5G W74-09755

Environmental Guidelines for Development

7-20 5B

7-23 5G

Effects of the Polychlorinated Biphenyl Arochlor 1254 on the American Oyster Crassostrea Virginica, W74-12259 7-23 5C

ENVIRONMENTAL PROTECTION AGENCY, **GULF BREEZE, FLA. OFFICE OF PESTICIDE** PROGRAMS.

Organochlorine Residues in Estuarine Mol-lusks, 1965-72 - National Pesticide Monitoring Program, W74-00291 7-01 5C

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, D.C. (ASSIGNEE).

ENVIRONMENTAL PROTECTION AGENCY, KANSAS CITY, KANS. REGION VII. Distribution of Total Mercury in the Fishes of Lake Oahe.	ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, N.C. CHEMISTRY AND PHYSICS LAB. The RAPS Program,	Navigable Waters of State of West Virginia Water Quality StandardsProposed Rules. W74-10013 7-19 5G
W74-11319 7-21 5B	W74-10777 7-20 5A	Water Pollution Prevention and ControlList of Toxic Pollutants,
ENVIRONMENTAL PROTECTION AGENCY, KANSAS CITY, MO. REGION VII.	ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, N.C. QUALITY	W74-10060 7-19 5G
Mercury in Fish, Sediments, and Water in Lake	ASSURANCE AND ENVIRONMENTAL MONITORING LAB.	Protection of Nations WetlandsPolicy State- ment.
Oahe, South Dakota, W74-02423 7-05 5A	Atomic Absorption Determination of Elemental	W74-10062 7-19 5G
ENVIRONMENTAL PROTECTION AGENCY,	Mercury Collected from Ambient Air on Silver Wool,	Liability Limits For Small Onshore Oil Storage
LAS VEGAS, NEV. MONITORING SYSTEMS RESEARCH AND DEVELOPMENT LAB.	W74-11705 7-22 5A	FacilitiesProposed Rules. W74-10063 7-19 6E
Simplified Atomic Absorption Determination of	ENVIRONMENTAL PROTECTION AGENCY, RIVESVILLE, W. VA., CROWN MINE	Acquisition of Information From Owners and
Stable Strontium in Milk and Hay: A Com- parison of Methods and Stepwise Procedure,	DRAINAGE CONTROL FIELD SITE.	Operators of Point Sources Subject to National
W74-11652 7-22 5A	Application of Reverse Osmosis to Acid Mine Drainage Treatment,	Pollutant Discharge Elimination System. W74-10069 7-19 5G
ENVIRONMENTAL PROTECTION AGENCY,	W74-08155 7-16 5D	Transportation for Dumping and Dumping of
NARRAGANSETT, R. I. NORTHEASTERN	ENVIRONMENTAL PROTECTION AGENCY,	Material Into Ocean Waters.
WATER SUPPLY LAB. Membrane Filter Technique for Enumeration	SAN FRANCISCO, CALIF. REGION IX. The Federal Role and Legislative Trends in	W74-10070 7-19 5G
of Pseudomonas Aeruginosa,	Control of Ground Water Quality,	State Continuing Planning Process-Notice of
W74-10042 7-19 7B	W74-06952 7-13 5G	Interim Regulations. W74-10071 7-19 5G
ENVIRONMENTAL PROTECTION AGENCY, NEW YORK.	Richardson Bay Effluent Dilution StudyA Working Paper.	EPA's Ruckelshaus: 'From Careless Indif-
Proceedings of Conference on Land Disposal	W74-08604 7-16 5B	ference to Remedial Action',
of Municipal Effluents and Sludges, W74-11833 7-22 5D	ENVIRONMENTAL PROTECTION AGENCY,	W74-10072 7-19 5D
	SEATTLE, WASH.	National Pollutant Discharge Elimination SystemProposed Forms and Guidelines
ENVIRONMENTAL PROTECTION AGENCY, NEW YORK. DATA SYSTEMS BRANCH.	EPA Review of the EIS, W74-06110 7-12 6G	Acquisition of Information From Owners and
Documentation for SNSIM1/2, a Computer	Water Quality Consideration for the Metal Min-	Operators of Point Sources. W74-10073 7-19 5G
Program for the Steady-State Water Quality Simulation of a Stream Network,	ing Industry in the Pacific Northwest,	
W74-11978 7-22 5B	W74-12085 7-23 5G	Feedlots Point Source Category: Effluent Guidelines and Standards.
ENVIRONMENTAL PROTECTION AGENCY,	ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD, ILL.	W74-10139 7-19 5G
NEW YORK. REGION II. High-Rate Multi-Media Filtration,	Flow Smoothing in Sanitary Sewers, W74-09471 7-18 5D	Local Initiative in Pollution Control, W74-10722 7-20 5G
W74-07261 7-14 5D		
ENVIRONMENTAL PROTECTION AGENCY,	Pesticide Analysis in Water, W74-09484 7-18 5A	Analysis of Pollutants - Proposed Test Procedures.
PERRINE, FLA. PERRINE PRIMATE LAB. The Determination of Chromium in Human	ENVIRONMENTAL PROTECTION AGENCY,	W74-10725 7-20 5A
Urine by Gas Chromatography Using a Flame	WASHINGTON, D.C.	Environmental Legislation and the Air Force,
Photometric Detector with a 425, 4 NM Filter, W74-00270 7-01 5A	Water Reuse in Industry, Part 3 Mine Water, W74-00796 7-02 5D	W74-10768 7-20 5G
	National Environmental Information Symposi-	STORET-The EPA Water Quality Data
The Determination of Methyl Mercury in Urine,	um: An Agenda for ProgressPapers and Re-	System, W74-12108 7-23 6A
W74-02387 7-05 5A	ports, Volume 2. W74-03040 7-06 10B	Beyond the Brushfires,
The Determination of Pentachlorophenol and	Toward Environmental Sanity,	W74-12458 7-23 6G
Hexachlorophene in Human Adipose Tissue, W74-02391 7-05 5A	W74-03346 7-07 5G	The Strategic Environmental Assessment
	Land Application of Wastewater with a Demo-	System (Seas): A Research Project, W74-12472 7-23 6B
ENVIRONMENTAL PROTECTION AGENCY, PERRINE, FLA. PRIMATE AND PESTICIDES	graphic Evaluation, W74-05965 7-12 5D	
EFFECTS LAB.		Summary of Water Quality Standards for the Interstate Waters of Iowa,
Oxychlordane Residues in Human Adipose Tis- sue,	Ground Water Pollution From Subsurface Ex- cavations: Part III. More on Pollution from	W74-13185 7-24 5G
W74-04872 7-10 5A	Wells. W74-08184 7-16 5B	National Pollutant Discharge Elimination
ENVIRONMENTAL PROTECTION AGENCY,		System. W74-13228 7-24 5G
PHILADELPHIA, PA.; AND VIRGINIA STATE WATER CONTROL BOARD, RICHMOND.	Radiation Data Section II, Water. W74-08972 7-17 5A	ENVIRONMENTAL PROTECTION AGENCY,
Water Quality Standards Summary for In-	Agriculture in the Environment,	WASHINGTON, D.C. APPLIED SCIENCE AND
terstate Waters of the Commonwealth of Vir- ginia.	W74-09664 7-18 5D	TECHNOLOGY BRANCH. Project of the Agricultural and Marine Pollu-
W74-10354 7-20 5G	The Crime of 'Pollution': The Role of Federal	tion Control Section, March 1973,
ENVIRONMENTAL PROTECTION AGENCY,	Water Pollution Criminal Sanctions, W74-10000 7-19 5G	W74-08237 7-16 5G
RESEARCH TRIANGLE PARK, N.C. Detection of Hydrocarbons by Chemilu-		ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, D.C. (ASSIGNEE).
minescence with Active Nitrogen at 388 nm,	Phosphate Manufacturing Point Source Catego- ry.	Processes for Reducing the Organic-Carbon
W74-11000 7-21 5A	W74-10012 7-19 5G	Content of Water Contaminated with Organic

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, D.C. (ASSIGNEE).

Compounds by Continuous (Multistage Treatment with Active W74-04704		n,	ENVIRONMENTAL PROTECT WASHINGTON, D.C. LIBRAR BRANCH.		Regional Research Oppor Sponsorship, W74-03176	rtunities under EPA 7-06 6B
W /4-04/04	1-07	30	Summaries of Foreign Gov	vernment Environ-	W 74-03176	/-00 OB
Reverse Osmosis-Neutralization	Process	for	mental Reports.	orament Environ	A Cost Analysis of Waste	Management in the
Treating Mineral Contaminated V W74-08041	Vaters, 7-15	5D	W74-01886	7-04 5G	Steel Industry, W74-09082	7-17 6B
			ENVIRONMENTAL PROTECT	TION AGENCY,		
Ammonia Elimination System,	7.01	(D)	WASHINGTON, D.C. OFFICE	OF AIR AND	Implications of the Peri	
W74-11399	7-21		WATER PROGRAMS. Processes, Procedures, and 1	Methods to Control	Poultry and Animal Feedin W74-09667	ng Industry, 7-18 5G
ENVIRONMENTAL PROTECTION		,	Pollution Resulting from S	ilvicultural Activi-		
WASHINGTON, D.C. DIV. OF MU WASTE WATER PROGRAMS.	NICIPAL		ties.		Waste Management Regula	
Effective Pollution Control Inves	tment.		W74-02946	7-06 5G	W74-10312	7-19 5D
W74-05635	7-11	5D	Ground Water Pollution fro	om Subsurface Ex-	EPA Viewpoint on Land	Application of Liquid
Land Application of Wastewater W74-09423	7-18	SD	cavations. W74-08185	7-16 5	Effluents, W74-11844	7-22 5D
Financing Municipal Waste Wa			The Control of Pollution F	rom Hydrographic	ENVIRONMENTAL PROTE	CTION AGENCY,
Facilities, Including Land Utiliza			Modifications.		WASHINGTON, D.C. OFFICE	CE OF WATER
W74-12890	7-24		W74-08186	7-16 5G	PROGRAM OPERATIONS. Federal and State Legi	elative History and
ENVIRONMENTAL PROTECTION WASHINGTON, D.C. DIV. OF TE			ENVIRONMENTAL PROTECT WASHINGTON, D.C. OFFICE	OF	Provisions for Land Tre- Wastewater Effluents and	atment of Municipal Sludges,
FRANSFER. Pollution Abatement in a Copper	Wire Mill		ENFORCEMENT AND GENER The National Water Permit I		W74-05964	7-12 6E
W74-09244	7-17		W74-10709	7-20 5G	ENVIRONMENTAL PROTE WASHINGTON, D.C. OFFICE	
ENVIRONMENTAL PROTECTIO		7,	ENVIRONMENTAL PROTECT WASHINGTON, D.C. OFFICE		PROGRAMS.	
WASHINGTON, D.C. DIV. OF WA	TER		INTERNATIONAL ACTIVITIE		1968 Inventory of Munici	
PLANNING. Guidelines for Developing or l	Davisina W		International Environment		A Cooperative State Repo	
Quality Standards, Under the	-		Series I: Legislative and Reg	gulatory Reports.	Indiana, Michigan, Minne	sota, Ohio, Wiscon-
Pollution Control Act Amendme	nts of 1972.		W74-03383	7-07 5G	sin. W74-01282	7-03 5D
W74-12797	7-24	5G	ENVIRONMENTAL PROTECT		Petroleum Systems R	Reliability Analysis,
Water Quality Strategy Paper, S	econd Edi	tion,	WASHINGTON, D.C. OFFICE	OF PLANNING	Volume I - Engineering R	
a Statement of Policy for Im	plementing	the	AND MANAGEMENT.	Customs Dissetsons	Prevention of Oil Spills I	
Requirements of the 1972 Feder	al Water P	ollu-	Environmental Information -An Inventory of Administr		Approach to a Study of C	
tion Control Act Amendment			mental Mission Support Sys		Crude Oil Petroleum Syste	
Requirements of the 1972 Mar	ine Protect	tion,	W74-06441	7-12 5G	W74-02947	7-06 5G
Research, and Sanctuaries Act. W74-12798	7-24	80			Marie I. of Western	
W /4-12/98	1-24	30	ENVIRONMENTAL PROTEC		Magnitude of Wastewa	
ENVIRONMENTAL PROTECTIO	N AGENCY	Υ,	WASHINGTON, D.C. OFFICE PROGRAMS.	OF REFUSE ACT	Disposal Problem Facing t W74-10864	7-20 5D
WASHINGTON, D.C. DIV. OF WA			Refuse Act Permit Program,		W 74-10804	7-20 30
QUALITY AND NON-POINT SOU	RCE		W74-10776	7-20 5G	ENVIRONMENTAL PROTE	CTION AGENCY,
CONTROL.	D-11-1'				WASHINGTON, D.C. PERM	
Identification and Control of Salt Water Intrusion.	Pollution 1	rom	ENVIRONMENTAL PROTEC		Interim Effluent Guidance	
W74-08293	7-16	5B	WASHINGTON, D.C. OFFICE AND DEVELOPMENT.	E OF RESEARCH	W74-13214	7-24 5G
ENVIRONMENTAL PROTECTIO	N AGENC	ν.	EXPRO '74A Listing of B		ENVIRONMENTAL PROTE	
WASHINGTON, D.C. ECONOMIC			to be Funded in Fiscal Year		WASHINGTON, D.C. PERM	IIT PROGRAMS
DIV.		-	W74-04913	7-10 5G	DIV. NPDES Self-Monitorin	ng and Reporting
Economic Damages from Resi	dential Us	e of	Damage Assessment of	Household Water	NPDES Self-Monitorin Requirements,	ng and Reporting
Mineralized Water Supply, W74-07417	7-14	5C	Quality, W74-11646	7-22 5C	W74-10970	7-21 5G
			W 74-11040	7-22 30	ENVIRONMENTAL PROTE	ECTION AGENCY.
ENVIRONMENTAL PROTECTIO		Y,	The Economic Damages of		WASHINGTON, D.C. PLAN	
WASHINGTON, D.C. EMERGEN OPERATIONS AND PLANNING I			W74-11798	7-22 5A	EVALUATION BRANCH.	
Restoration of Wastewater Fac		aged	Economic Damages to Hou	sehold Items from	Economic Implications of	
by Tropical Storm Agnes,			Water Supply Use,		Policies for Water Pollutio W74-05630	on Control, 7-11 5G
W74-09496	7-18	3D	W74-11930	7-22 5G		
ENVIRONMENTAL PROTECTIO	N AGENC	Υ,	Methods and Problems of	Estimating Water-	ENVIRONMENTAL PROTI	A ser so this part of the second section \$
WASHINGTON, D.C. HAZARDO			Quality Benefits,		WASHINGTON, D. C. SYST	EMS APPLICATION
MATERIALS ADVISORY COMM			W74-13219	7-24 5G	SECTION. Cost Effectiveness of	Pegional Wasteweter
Nitrogenous Compounds in the W74-08835	Environme 7-17		ENVIRONMENTAL PROTEC	TION ACENCY	Systems,	regional wastewater
			WASHINGTON, D.C. OFFICE		W74-05632	7-11 5D
ENVIRONMENTAL PROTECTIO		Y,	AND MONITORING.		ENVIDONMENTAL BROWN	POTION ACTION
WASHINGTON, D.C. INDUSTRIA			Energy Conservation Strate		ENVIRONMENTAL PROTI WASHINGTON, D.C. TECH	
POLLUTION CONTROL SECTIO The EPA Research and Develo		gram	W74-00152	7-01 6B	ASSISTANCE RESEARCH	
for Environmental Controls in			Market Problems in the Di	stribution of Emis-	Implementation of Citize	
dustry,			sion Rights,		Municipal Process,	
W74-10781	7-20	5G	W74-00674	7-02 5G	W74-12468	7-23 6G

ENVIRONMENTAL PROTECTION AGENCY, ENVIRONMENTAL PROTECTION SERVICE, ENVIRONMENTAL RESEARCH INST. OF

ENVIROTECH CORP., PALO ALTO, CALIF. MUNICIPAL EQUIPMENT DIV.

WASHINGTON, D.C. WATER QUALITY OFFICE.	OTTAWA (ONTARIO). WATER POLLUTION CONTROL DIRECTORATE.	MICHIGAN, ANN ARBOR. Monitoring of Dumping by Means of Satellite
Instrumental Analysis of Chemical Pollutants	Problems of the Canadian North,	Remote Sensing,
Training Manual. W74-02739 7-06 5A	W74-10165 7-19 5D	W74-00635 7-02 5B
	Bacteriological Surveys, Charlotte County,	Techniques for Measuring Light Absorption Scattering, and Particle Concentrations in
ENVIRONMENTAL PROTECTION BOARD,	New Brunswick, Shellfish Area N.B. 13, 1973,	Water,
STOCKHOLM, (SWEDEN). WALLENBERG LABORATORIET.	W74-10786 7-20 5C	W74-01283 7-03 7B
The Avifauna of Sweden as Indicators of En-	Bacteriological Surveys, Charlotte County,	Crop Species Recognition and Mensuration in
vironmental Contamination with Mercury and	New Brunswick, Shellfish Area N.B. 14, 1973,	the Sacramento Valley,
Chlorinated Hydrocarbons, W74-11367 7-21 5B	W74-10787 7-20 5C	W74-01685 7-04 3F
NAMED OF THE PROPERTY OF STREET	Bacteriological Surveys, Charlotte County,	Ratio Maps of Iron Ore Deposits, Atlantic City
ENVIRONMENTAL PROTECTION SERVICE, BURLINGTON (ONTARIO). WASTE WATER	New Brunswick, Shellfish Areas N.B. 9, 10, 11,	District, Wyoming,
TECHNOLOGY CENTRE.	and 12, 1973, W74-10788 7-20 5C	W74-01705 7-04 7C
Use of Lime for Phosphorus Removal,		Monitoring Ocean Dumping with ERTS-1 Data,
W74-08858 7-17 5D	Federal Assistance Programs for Water Pollu-	W74-02580 7-05 7B
Water Quality Models Using the Box-Jenkins	tion Control Technology Development,	Preliminary Evaluation of ERTS-1 for Deter-
Method.	W74-12959 7-24 5G	mining Numbers and Distribution of Prairie
W74-09113 7-17 5B	ENVIRONMENTAL PROTECTION SERVICE,	Ponds and Lakes,
	REGINA (SASKATCHEWAN). AIR POLLUTION	W74-02597 7-05 7B
ENVIRONMENTAL PROTECTION SERVICE,	CONTROL BRANCH.	Progress of an ERTS-1 Program for Lake On-
BURLINGTON (ONTARIO). WASTEWATER	Phosphorus Removal by Lime Addition to a	tario and its Basin,
TECHNOLOGY CENTER.	Conventional Anaerobic Stabilization Facility,	W74-02600 7-05 7B
Phosphorus Removal Treatability Studies at	W74-10187 7-19 5D	
C.F.B. Bordon, Petawawa, Trenton and		Digital Land Use Mapping in Oakland County,
Uplands, W74-07273 7-14 5D	ENVIRONMENTAL PROTECTION SERVICE,	Michigan,
W14-01213 1-14 3D	ST. JOHN'S (NEWFOUNDLAND).	W74-06639 7-13 4A
ENVIRONMENTAL PROTECTION SERVICE,	Prediction of Copper Toxicity in Receiving	Land Resources Survey for the State of
BURLINGTON (ONTARIO). WASTEWATER	Waters,	Michigan,
TECHNOLOGY CENTRE.	W74-01775 7-04 5C	W74-06644 7-13 4A
Tertiary Phosphorus Removal and Limiting	ENVIRONMENTAL QUALITY ENGINEERING,	Terrain Classification Maps of Yellowstone
Nutrient Studies at C.F.S. Lac St. Denis,	INC., OAKLAND, CALIF.	National Park,
W74-10551 7-20 5D	The ABC Way to Better Wastewater Treat-	W74-06645 7-13 4A
Biological Treatment of Airport Wastewater	ment.	
Containing Aircraft De-Icing Fluids,	W74-00776 7-02 5D	Atmospheric Effects in ERTS-1 Data, and Ad-
W74-10552 7-20 5D		vanced Information Extraction Techniques, W74-06646 7-13 7C
	ENVIRONMENTAL QUALITY SYSTEMS, INC.,	W 74-00040 7-13 7C
ENVIRONMENTAL PROTECTION SERVICE,	ROCKVILLE, MD.	Calculations of Water Depth From ERTS-MSS
HALIFAX (NOVA SCOTIA).	Development and Pilot-Testing of an Automatic	Data,
Supersaturation of Nitrogen in Water During	Information Dissemination System. W74-00003 7-01 5D	W74-06681 7-13 2E
Passage Through Hydroelectric Turbines at Mactaquac Dam,	W /4-00003 /-01 3D	ENVIRONMENTAL SCIENCE AND
W74-01432 7-03 5C	State of Maryland Waste Oil Recovery and	ENGINEERING CORP., NASHVILLE, TENN.
	Reuse Program,	Determination of Mercury in Biological Tis-
ENVIRONMENTAL PROTECTION SERVICE,	W74-10539 7-20 5D	sues,
OTTAWA (ONTARIO).		W74-06790 7-13 5A
Bacteriological Water Quality Data, Beach	ENVIRONMENTAL RESEARCH AND	ENVIRONMENTAL SCIENCE AND
Areas, Gatineau Park Lakes, National Capital	TECHNOLOGY, INC., LEXINGTON, MASS.	ENGINEERING, INC., GAINESVILLE, FLA.
Commission, 1973, W74-07932 7-15 5B	Use of ERTS Data for Mapping Snow Cover in	Process Design and Operation for Zero Ef-
W74-07932 7-15 5B	the Western United States,	fluent Discharge,
Utilization of Industrial Wastes and Waste By-	W74-02603 7-05 7B	W74-10554 7-20 5D
Products for Phosphorus Removal: An Invento-	Water Quality Simulation and Application,	ENVIRONMENTAL SYSTEMS CORP.,
ry and Assessment,	W74-06419 7-12 5B	KNOXVILLE, TENN.
W74-08394 7-16 5D		Explicit Calibration of the PILLS II System.
Phosphorus Removal Design Seminar, Con-	Use of ERTS Data for Mapping Arctic Sea Ice,	W74-04198 7-08 5D
ference Proceedings No. 1.	W74-06676 7-13 2C	DESTRUCTION OF THE COLUMN ASSESSMENT AND
W74-08846 7-17 5D	ENVIRONMENTAL DECEARCH CORD LAC	ENVIROPLAN, INC., COLLEGE PARK, MD. A Planned Maintenance Management System
W 74-00040	ENVIRONMENTAL RESEARCH CORP., LAS	for Municipal Wastewater Treatment Plants,
Phosphorus Removal on Secondary Effluents,	VEGAS, NEV. Prediction of Ground Motion Characteristics of	W74-08944 7-17 5D
W74-08853 7-17 5D		
4.4.4.181.161	Underground Nuclear Detonations. W74-09947 7-19 8H	ENVIROTECH CORP., BRISBANE, CALIF.
Activated Sludge Characterization and Settling,	1-19 6H	Computer Simulation for Upgrading Existing
W74-08859 7-17 5D	ENVIRONMENTAL RESEARCH GROUP, ANN	Wastewater treatment Facilities by Chemical
International Symposium on Wastewater Treat-	ARBOR, MICH.	Physical Treatment, W74-02681 7-06 5D
ment in Cold Climates.	Mercury in the Lake Michigan Environment,	W74-02681 7-06 5D
W74-10160 7-19 5D	W74-06779 7-13 5B	ENVIROTECH CORP., PALO ALTO, CALIF.
		MUNICIPAL EQUIPMENT DIV.
Canada's Approach to Environmental Pollution	Determination of Mercury by Non-Destructive	Computer Simulation of Waste Water Treat-
Control for the Pulp and Paper Industry,	Neutron Activation Analysis,	ment by Chemical-Physical Processes,
W74-12405 7-23 5G	W74-06789 7-13 5A	W74-11037 7-21 5D

	ORGANIZATIONAL INDEX	
ENVIROTECH CORP., SALT LAKE CITY, UTAH.	ORGANIZATIONAL INDEX	
ENVIROTECH CORP., SALT LAKE CITY,	ESSA INST. FOR OCEANOGRAPHY,	The Handling of Oil Spills,
UTAH.	ROCKVILLE, MD.	W74-08474 7-16 5G
Aeration Apparatus,	Numerical Computations of Storm Surges with	
W74-12456 7-23 5D	Bottom Stress, W74-04759 7-09 2L	Optimization and Design of an Oil Activated
ENVIROTECH CORP., SALT LAKE CITY,	W/4-04/39 /-09 2L	Sludge Concentration Process, W74-10192 7-19 5D
UTAH. (ASSIGNEE)	ESSEX MARINE LAB., CONN.	
Wastewater Treatment, W74-08034 7-15 5D	Observations on the Reactions of Young American Shad to a Heated Effluent,	ESTACION EXPERIMENTAL DE RIEGO Y
W74-08034 7-15 5D	W74-02900 7-06 5C	CULTIVOS, VIEDMA (ARGENTINA). TECNICO EN FERTILIDAD DE SUELOS.
ENVIROTECH CORP., SALT LAKE CITY,		Available Phosphorus Level Variations Occur-
UTAH. EIMCO PROCESS MACHINERY DIV. Physical-Chemical Treatment of a Municipal	ESSO AG FORSCHUNGSZENTRUM, HAMBURG (WEST GERMANY).	ring During the Reclamation of an Alkaline-
Wastewater Using Powdered Carbon,	New Methods to Dispose of Used Metalwork-	Salty Soil (Variactiones Del Tenor De Fosforo
W74-00154 7-01 5D	ing Emulsions, (Neue Verfahren Zur	Asimilable Durante La Recuperacion De Un
Color Tours of Musicial Westernates	Beseitigung Gebraughter Metall-Bearbeitungs-	Suelo Salino-Alcalino), W74-08822 7-17 2G
Carbon Treatment of a Municipal Wastewater, W74-09715 7-18 5D	Emulsionen), W74-08247 7-16 5D	W 14-08822 1-17 20
		ESTACION EXPERIMENTAL REGIONAL
EOTVOS LORAND UNIV., BUDAPEST	ESSO PRODUCTION RESEARCH CO.,	AGROPECUARIA, ANGUIL (ARGENTINA).
(HUNGARY). DEPT. OF PLANT TAXONOMY AND ECOLOGY.	HOUSTON, TEX. Pulse Testing: A New Method for Describing	Utilization Patterns of the Deep Water by a
Changes of Soil Humidity and Its Correlation	Reservoir Flow Properties Between Wells,	Weeping Lovegrass Crop (Eragrostis curvula Nees), in a Regosol Soil of the Pampean
to Phytomass Production in Sandy Meadow As-	W74-00939 7-02 8G	Semiarid Region, (In Spanish),
sociations, W74-05949 7-11 2G	Effect of Hardness Reducers on Failure	W74-08682 7-16 2I
W 74-03949 7-11 2G	Characteristics of Rock.	ETABLISSEMENTS HUTCHINSON
ERA, INC., CLOVIS, N. MEX. (ASSIGNEE)	W74-03148 7-06 8E	COMPAGNIE NATIONALE DU
Water Reclamation-Algae Production, W74-05892 7-11 5D	New Single-Well Test for Determining Vertical	CAOUTCHOUC, PARIS (FRANCE)(ASSIGNEE).
W74-05892 7-11 5D	Permeability,	Anti-Pollution Barrier,
ERCO ENVIROTECH LTD., TORONTO	W74-04150 7-08 8G	W74-04705 7-09 5G
(ONTARIO); AND ERCO ENVIROTECH LTD., SALT LAKE CITY, UTAH.	Permafrost Protection for Pipelines,	EUGENE WATER AND ELECTRIC BOARD,
The Effluent-Free Bleached Kraft Pulp Mill.	W74-04415 7-09 2C	OREG.
Part IV. The Salt Recovery Process,	Pulse Test Barrens of a Two Zone Barrenia	A Demonstration of Thermal Water Utilization
W74-07379 7-14 5D	Pulse-Test Response of a Two-Zone Reservoir, W74-05077 7-10 4B	in Agriculture,
ERLANGEN-NUREMBERG UNIV. (WEST		W74-10199 7-19 5D
GERMANY).	How Areal Heterogeneities Affect Pulse-Test Results,	EUROPEAN ATOMIC ENERGY COMMUNITY,
The Quantitative Determination of Chromium	W74-05092 7-10 8G	ISPRA (ITALY). BIOLOGY DIV.
in Urine by Flameless Atomic Absorption Spectroscopy,		Weight, Size, and Chemical Composition of
W74-05291 7-10 5A	Wellbore Transmissibility from Afterflow- Dominated Pressure Buildup Data,	Some Freshwater Zooplankters: Daphnia hyalina (Leydig),
EDI ANGEN MUREMBERG UNIV. (MIRCE	W74-05101 7-10 8G	W74-01745 7-04 2H
ERLANGEN-NUREMBERG UNIV. (WEST GERMANY). INST. FOR HYGIENE AND	N D W D 1 T 1 C1 W 1 T 1 T	
MEDICAL MIKROBIOLOGY.	New Drilling-Research Tool Shows What Hap- pens Down Hole,	Chlorophyll-A and Phaeophytin: Their Rela-
Pollution of Drinking Water by Oil in the Pipes	W74-10090 7-19 8G	tionships with the Concentrations of Nitrogen and Phosphorus in the Seston of Lake Monate
of New Buildings, (In German), W74-03950 7-08 5B	ECCO BRODUCTION BECEARCH CO	(North Italy), (In Italian),
W74-03950 7-08 5B	ESSO PRODUCTION RESEARCH CO., HOUSTON, TEX. (ASSIGNEE).	W74-04300 7-08 5C
ERNST AND ERNST, WASHINGTON, D. C.	Installation of Underwater Pollution Ap-	Influence of Water Desires on the Indicat Ab
Analysis of Economic Impacts of Environmen-	paratus,	Influence of Water Regime on the Indirect Ab- sorption of Radiocesium, Radiostrontium, and
tal Standards on the Bakery Industry, Part I, Executive Summary.	W74-03661 7-07 5G	Radiocobalt by Lowland Rice,
W74-05623 7-11 5G	System and Method for Separating Heavier and	W74-05199 7-10 5B
A Study of How Water Quality Factors Can Be	Lighter Components of Liquid Mixtures,	The Biological Pathway of Zinc '(Zn-65) in
Incorporated Into Water Supply Analysis,	W74-07203 7-14 5D	Freshwater Fish and its Alteration by Heavy
W74-13030 7-24 5G	ESSO RESEARCH AND ENGINEERING CO.,	Metals,
ESB, INC., PHILADELPHIA, PA. (ASSIGNEE).	FLORAM PARK, N.J.	W74-05201 7-10 SC
Self Cleaning, Tubular Solar Still,	Bailey Oil Content Monitor, W74-12066 7-23 5A	EUROPEAN ATOMIC ENERGY COMMUNITY,
W74-07207 7-14 3A		ISPRA (ITALY). JOINT NUCLEAR RESEARCH
ESCOLA NACIONAL DE SAUDE PUBLICA E	ESSO RESEARCH AND ENGINEERING CO.,	CENTER.
DE MEDICINA TROPICAL, LISBON	FLORHAM, N.J. Oil/Water Interface Detector Laboratory	Radiotracer Technique for the Study in Vivo of
(PORTUGAL).	Evaluation,	the Biological Pathway of Heavy Metals in Aquatic Organisms,
Sanitation and Public Health Planning,	W74-12637 7-23 5A	W74-02025 7-04 5C
W74-09317 7-18 5G		

ESSO RESEARCH AND ENGINEERING CO.,

FLORHAM PARK, N.J.

Laminar and Axisymmet Stably Stratified Environ		Signal Integration with a Non-F		
W74-04224	7-08 8B	Correction System for Spurio Phenomena,	ous Absorp	tion
ESSO RESEARCH AND EN	GINEERING CO.,	W74-02385	7-05	5A
LINDEN, N.J.				
Petroleum Refinery Efflue	ent Quality Control,	Environmental Radioactivity - Is	spra 1971,	
W74-08473	7-16 5D	W74-04176	7-08	5B

Analysis of High-Purity Water by Flameless

W74-03330

AUSTIN, TEX.

W74-05738

ESL, INC., SUNNYVALE, CALIF.

Statistical Prediction of Equilibrium Temperature from Standard Meteorological Data Bases,

ESPEY, HUSTON AND ASSOCIATES, INC.,

Urban Flood Frequency Characteristics,

7-07 5A

7-11 2E

FALCONBRIDGE NICKEL MINES LTD.,

CONSULTING SERVICES, LTD., TORONTO

Acid Neutralization Doesn't Cost Much,

TORONTO (ONTARIO); AND ACRES

(ONTARIO).

W74-07124

7-23 5B

EUROPEAN COMMUNITIES, LUXEMBOURG.

Radioactive Effluents from Nuclear Power Sta-

tions in the Community; Discharge Data -

COMMISSION.

W74-13253

Radiological Aspects. W74-12037

FISCHER AND PORTER CO., MAYWOOD, ILL. MIDWEST REGION.

FEDERAL WATER QUALITY

Platte River Basin.

W74-08530

7-14 5D

Report on the Second Session of the Conference in the Matter of Pollution of the South

7-16 5G

W 74-12037	7-14 35	ADMINISTRATION, ATHENS, GA. NATIONAL
EUROPEAN ECONOMIC COMMISSION,	FARBENFABRIKEN BAYER A.G.,	POLLUTANTS FATE RESEARCH PROGRAM.
GENEVA (SWITZERLAND). ENVIRONMENT	LEVERKUSEN (WEST GERMANY).	Phytoplankton Population Changes and
DIV. Transfer of Knowledge in Water Resources	Removal of Organic Matter from Water by Resinous Adsorbents,	Nutrient Fluctuations in a Simple Aquatic
From Research to Practice,	W74-02266 7-05 5D	Ecosystem Model, W74-06571 7-13 5C
W74-00198 7-01 10A		W/4-003/1
	FARBENFABRIKEN BAYER A. G.,	A Physical Model for Simulation of Aquatic
EXETER UNIV. (ENGLAND). DEPT. OF	LEVERKUSEN (WEST GERMANY).	Ecosystems,
BIOLOGICAL SCIENCES.	ORGANISCH ANALYTISCHES	W74-06573 7-13 5C
The Trapping of Aquatic Hyphomycete Spores	LABORATORIUM. Modified Atomic Absorption Spectroscopic	FENCO, TORONTO (ONTARIO).
by Air Bubbles, W74-06069 7-12 2I	Methods in Analyses of Trace Metals	Numerical Analysis of Groundwater Flows,
W /4-00069 /-12 21	(Modifizierte atomabsorptionsspektroskopische	W74-12104 7-23 4B
EXETER UNIV. (ENGLAND). DEPT. OF	Methoden zur Metallspuren-Analytik),	17-12104
CHEMISTRY.	W74-03586 7-07 5A	FERTILIZER CORP. OF INDIA, SINDRI.
Differential Electrolytic Potentiometry with		PLANNING AND DEVELOPMENT DIV.
Periodic Polarisation. Part XXI. Introduction	FARMLAND FOODS, INC., DENISON, IOWA.	The Characteristics of the Raw Waters of
and Instrumentation,	Treatment of Packinghouse Wastes by Anaero-	Hasdeo River and Dhengur Nala at Korba (M.
W74-03859 7-08 5A	bic Lagoons and Plastic-Media Filters, W74-11797 7-22 5D	P.),
Differential Electrolytic Potentiometry with	W/4-11/9/	W74-01240 7-03 5A
Periodic Polarisation. Part XXII. Symmetrical	FEDERAL BOARD FOR NAVIGATION,	Effect of Puddling on Physical Properties of
Periodic Current Differential Electrolytic	COBLENZ (WEST GERMANY).	Rice Soil,
Potentiometry in Oxidation - Reduction	Modern Position Fixing Methods,	W74-01246 7-03 3F
Titrimetry,	W74-11536 7-22 7B	
W74-03860 7-08 5A	FEDERAL HIGHWAY ADMINISTRATION,	FINCHER, D. R. AND NESTLE, A. C.
Mass and Charge Transfer Kinetics and Cou-	AUSTIN, TEX.	A Review of Corrosion Monitoring Techniques,
lometric Current Efficiencies. Part VII. Condi-	Construction of Wastewater Facilities, Lufkin,	W74-12550 7-23 8G
tional Potentials, and Single-Scan Voltammetry	Texas (Final Environmental Impact Statement).	FINCHER ENGINEERING CO., HOUSTON,
of Pure Vanadium(V) - Vanadium(IV) Systems	W74-05814 7-11 5D	TEX.
in Various Media at Platinum Elec trodes Pre-		Coupon Corrosion Rates Versus Hydrogen
Treated By Five Methods.	FEDERAL HIGHWAY ADMINISTRATION,	Probe Activity,
W74-07557 7-14 2K	WASHINGTON, D.C. OFFICE OF ENGINEERING AND TRAFFIC OPERATIONS.	W74-07857 7-15 8G
	Observations on the Causes of Bridge Damage	PRINTED POPULATION PROPERTY.
Mass and Charge Transfer Kinetics and Cou-	in Pennsylvania and New York Due to Hur-	FINNISH FOREST RESEARCH INST., HELSINKI.
lometric Current Efficiencies. Part VIII. Single-	ricane Agnes.	Sprinkler Irrigation and its Profitability on
Scan Voltammetry of Vanadium(V) - Vanadi-	W74-09396 7-18 2E	Grain Growing Farms in Southern Finland, (In
um(IV) in the Presence of Chromium, Man-		Finnish),
ganese and Iron, and the Kinetic Parameters of the Vanadium System, at Platinum Electrodes	FEDERAL POWER COMMISSION, SAN	W74-12182 7-23 3F
Pre-Treated by Five Methods,	FRANCISCO, CALIF. REGIONAL OFFICE. River Mile Index-NAPA, Salinas, and Eel	
W74-07558 7-14 5A	River Basins, California.	FINNISH NATIONAL WATER BOARD,
	W74-00585 7-02 2E	HELSINKI.
Potentiostatic Coulometric Determination of		Waste Water Loads and Their Possible Reduc-
Vanadium, Vanadium-Manganese and Vanadi-	FEDERAL POWER COMMISSION,	tions in the Finnish Forest Industry (Suomen
um-Iron Mixtures and the Influence of Chromi-	WASHINGTON, D.C.	metsaeteollisuuden jaetievesikuormitus ja sen kehitysnaekmat),
um on the Process,	Hydroelectric Power Resources of the United	W74-09465 7-18 5B
W74-08674 7-16 5A	States, Developed and Undeveloped, January	7-10 38
EXETER UNIV. (ENGLAND). DEPT. OF	1, 1972. W74-07189 7-14 8C	FINNISH PULP AND PAPER RESEARCH INST.,
GEOGRAPHY.	111 00	HELSINKI.
Adjustment of River Channel Capacity	FEDERAL RESERVE BANK OF KANSAS CITY,	Oxygen-Consuming Organic Matter (BOD) in
Downstream from a Reservoir,	MO.	Effluents Originating in Different Pulping
W74-12298 7-23 4A	Economic Impact of Agricultural Pollution	Processes of the Woodworking Industry:
FACULTE DE MEDECINE ET PHARMACIE,	Control Programs,	Review of Literature During the Years 1960- 1970.
ANGERS (FRANCE). LABORATOIRE DE	W74-09665 7-18 5G	W74-00793 7-02 5B
BACTERIOLOGIE.	FEDERAL WATER POLLUTION CONTROL	7-02 35
Ecological Study of Salmonella in Waste	ADMINISTRATION, ANNAPOLIS, MD.	The Toxicity of Sulphate Pulp Bleaching Ef-
Water, Stagnant Water, Running Streams and	CHESAPEAKE BAY-SUSQUEHANNA RIVER	fluents,
Domestic Wells of Anjou, (In French),	BASIN PROJECT.	W74-08403 7-16 5C
W74-12152 7-23 5B	A Study of Tidal Dispersion in the Potomac	FIRESTONE SYNTHETIC RUBBER AND
FAIRCHILD INDUSTRIES, INC.,	River, W74-01196 7-03 5B	LATEX CO., LAKE CHARLES, LA.
GERMANTOWN, MD. (ASSIGNEE)	W74-01196 7-03 5B	Air Flotation-Biological Oxidation of Synthetic
Waste Treatment Apparatus,	FEDERAL WATER POLLUTION CONTROL	Rubber and Latex Waste-Water.
W74-05889 7-11 5D	ADMINISTRATION, WASHINGTON, D.C.	W74-05105 7-10 5D
	Progress Evaluation Meeting in the Matter of	
FAIRFIELD ENGINEERING AND MFG. CO.,	Pollution of the Interstate Waters of the Mis-	FISCHER AND PORTER CO., MAYWOOD, ILL.
IOWA. (ASSIGNEE).	souri River, Omaha, Nebraska Area (Nebraska-	MIDWEST REGION.
Floating Apparatus for Liquid Composting,	Iowa-Missouri-Kansas).	Feeding, Handling and Storage of Chlorine,

W74-08529

7-16 5G

W74-05509

7-24 5D

7-11 5F

FISH AND WILDLIFE SERVICE, MILFORD, CONN.

FISH AND	WILDLIFE	SERVICE,	MILFORD,
CONN.			

The Effect of Temperature on the Growth and Survival of Seven Marine Algal Species, W74-08718 7-17 5C

FISH CULTURE RESEARCH STATION, DOR (ISRAEL).

Experimental Studies of Polyculture in 1971, W74-01021 7-02 8I

Efficiency of Mullet Growth in Fishponds, W74-01022 7-02 8I

FISHERIES AGENCY, TOKYO (JAPAN).

Shore Protection on the Coast of 'Yaizu', W74-03700 7-07 8B

FISHERIES RESEARCH BOARD OF CANADA,

HALIFAX (NOVA SCOTIA).

Effects of Elemental Phosphorus on Marine

Life. W74-00705 7-02 50

Coexistence of a Fishery and A Major Industry in Placentia Bay,
W74-00706 7-02 5C

FISHERIES RESEARCH BOARD OF CANADA, HALIFAX (NOVA SCOTIA). HALIFAX LAB.

Sampling the Edible Muscle of the Swordfish (Xiphias gladius) for Total Mercury Analysis, W74-00052 7-01 5A

An Assessment of the Assimilation of Elemental Phosphorus by Newfoundland Marine Organisms in the 1969 Pollution Problem and in 1970 Monitoring Operations,

7-02 5C

Analysis of Elemental Phosphorus and Some of Its Compounds by Gas Chromatography, W74-00712 5C

FISHERIES RESEARCH BOARD OF CANADA, NAMAIMO (BRITISH COLOMBIA). PACIFIC OCEANOGRAPHIC GROUP.

Reproduction of Estuarine Structure and Current Observation Techniques in the Hecate Model, W74-04724 7-09 2L

FISHERIES RESEARCH BOARD OF CANADA, NANAIMO (BRITISH COLUMBIA). BIOLOGICAL STATION.

Effects of Starvation and Subsequent Feeding on Survival and Growth of Fulton Channel Sockeye Salmon Fry (Oncorhynchus nerka), W74-06119 7-12 8I

FISHERIES RESEARCH BOARD OF CANADA, NANAIMO (BRITISH COLUMBIA). PACIFIC OCEANOGRAPHIC GROUP.

On Structure, Entrainment, and Transport in Estuarine Embayments,
W74-01178 7-03 2L

FISHERIES RESEARCH BOARD OF CANADA, ST. ANDREWS (NEW BRUNSWICK).

Determination of Phthalates in Biological Samples, W74-06129 7-12 5A

FISHERIES RESEARCH BOARD OF CANADA, ST. ANDREWS (NEW BRUNSWICK). BIOLOGICAL STATION.

Prediction of Incipient Lethal Levels of Copper to Juvenile Atlantic Salmon in the Presence of Humic Acid by Cupric Electrode, W74-06036 7-12 5C Biological Effects of Fenitrothion in the Diet of Brook Trout, W74-06169 7-12 5C

Lethal Response by Atlantic Salmon Parr. to Some Polyoxyethylated Cationic and Nonionic Surfactants, W74.11481

Impact of Recent Economic Growth and Industrial Development on the Ecology of Northwest Miramichi Atlantic Salmon (Salmo Salar), W74-12271 7-23 5C

Olfactory Response and Fenitrothion Toxicity in American Lobsters (Homarus Americanus), W74-13483 7-24 5C

FISHERIES RESEARCH BOARD OF CANADA, ST. JOHN'S (NEWFOUNDLAND). BIOLOGICAL STATION.

Symptoms of 'Red' Herring in Relation to the Mass Mortalities in Placentia Bay, February-April 1969, W74-00711 7-02 5C

Growth Rates of Intertidal Molluscs as Indicators of Effects of Unexpected Incidents of Pollution,

W74-01434 7-03 5C

Energy Requirements and Food Supplies of Ctenophores and Jellyfish in the Patuxent River Estuary, W74-01991 7-04 2L

FISHERIES RESEARCH BOARD OF CANADA, VOL 30, NO 10, P 1441-1445, OCTOBER 1973. 2 FIG. 1 TAB. 9 REF.

A Syringe Gas-Stripping Procedure for Gas-Chromatographic Determination of Dissolved Inorganic and Organic Carbon in Fresh Water and Carbonates in Sediments,

W74-04788 7-09 5/ FISHERIES RESEARCH BOARD OF CANADA.

FISHERIES RESEARCH BOARD OF CANADA, WEST VANCOUVER, B.C. PACIFIC ENVIRONMENTAL INST.

Coastal Marine Pollution and Fish, W74-12252 7-23 50

FISHERIES RESEARCH BOARD OF CANADA, WEST VANCOUVER (BRITISH COLUMBIA). PACIFIC ENVIRONMENT INST.

Bioassay Procedures to Evaluate Acute Toxicity of Neutralized Bleached Kraft Pulp Mill Effluent to Pacific Salmon,
W74-04779 7-09 50

Isolation and Chemical Identification of Toxic Components of Kraft Mill Wastes, W74-05270 7-10 5A

FISHERIES RESEARCH BOARD OF CANADA, WEST VANCOUVER (BRITISH COLUMBIA). VANCOUVER LAB.

Effects of Cadmium and Copper on the Oxidation of Lactate by Rainbow Trout (Salmo gairdnert) Gills, W74.04780 7-09 5C

FISHERIES RESEARCH BOARD OF CANADA, WINNIPEG (MANITOBA). FRESHWATER

Reliability of an Ammonia Probe for Electrometric Determination of Total Ammonia Nitrogen in Fish Tanks, W74-01433 7-03 5A

Acidification and Bubbling as an Alternative to Filtration in Determining Phytoplankton Production by the 14C Method, W74-01749 7-04 5A

Effect of Smoke-Processing on Muddy Odor and Taste in Rainbow Trout (Salmo Gairdneri), W74-01892 7-04 2I

Apparatus for Recording Avoidance Movements of Fish, W74-04776 7-09 5A

Use of a Silver-Sulfide Electrode for Standardizing Aqueous Sulfide Solution in Determining Sulfide in Water,
W74-04777 7-09 5A

Measurement of Adenosine Triphosphate (ATP) in Two Precambrian Shield Lakes of Northwestern Ontario, 7-09 5B

Diurnal Variation of Dissolved Inorganic Carbon and its Use in Estimating Primary Production and CO2 Invasion in Lake 227,

7-09 5A

Production of Epilithiphyton in Two Lakes of the Experimental Lakes Area, Northwestern Ontario,

W74-04787 7-09 5C
Eutrophication of Lake 227 by Addition of
Phosphate and Nitrate: The Second, Third, and

Phosphate and Nitrate: The Second, Third, and Fourth Years of Enrichment, 1970, 1971, and 1972, W74-04789 7-09 5C

Characteristics of Phosphorus Deficiency in Anabaena, W74-04905 7-10 5C

Experimental Approaches to Limnology - An Overview, W74-05498 7-11 5A

Mobilization of Some Metals in Water and Animal Tissue by NTA, EDTA and TPP, W74-06173 7-12 5B

Changes in Water Chemistry Accompanying Summer Fish Kills in Shallow Eutrophic Lakes of Southwest Manitoba, W74.06541 7.13 5C

The Effect of Season and Animal Size on the Caloric Content of Daphnia pulicaria Forbes,

Eutrophication and Recovery in Experimental Lakes: Implications for Lake Management, W74-10294 7-19 5C

FISHERY BOARD OF SWEDEN, GOTENBURG. HYDROGRAPHIC DEPT.

Phosphorus in Black Sea, W74-12377 7-23 5B

FITZSIMONS STEEL CO., YOUNGSTOWN, OHIO.

Sulfuric Acid and Ferrous Sulfate Recovery From Waste Pickle Liquor, W74-08945 7-17 5D

FLEET NUMERICAL WEATHER FACILITY, MONTEREY, CALIF.

A Review of Oceanographic Variables and Their Analyses and Predictions Over the Continental Shelf, W74-04329 7-09 21.

FLORIDA ATLANTIC UNIV., BOCA BATON. DEPT. OF BIOLOGICAL SCIENCES.

The Zostera Epifaunal Community in the York River, Virginia, W74-03302 7-07 5A

FLORIDA POWER CORP., ST. PETERSBURG.

FLORIDA ATLANTIC UNIV., BOCA RATON.

FLORIDA TECHNOLOGICAL UNIV., ORLANDO. DEPT. OF CHEMISTRY.

Mechanisms Controlling Pore Water Salinities

State Legislators: Land Use and Water	Water-Cooled Generators,	in a Salt Marsh, W74-02761 7-06 2K
Resource Problems,	W74-12514 7-23 5B	
W74-06845 7-13 6B	FLORIDA STATE DIV. OF HEALTH, JACKSONVILLE. RADIOLOGICAL AND	Methylmercury in Estuarine Sediments, W74-03602 7-07 5B
FLORIDA ATLANTIC UNIV., BOCA RATON. DEPT. OF CHEMISTRY.	OCCUPATIONAL HEALTH SECTION.	Thomas Double of a Madagardean Posterior in
Anion Selectivity Studies on Liquid Membrane	Radiological Surveillance Around Turkey	Thermal Death of a Hydrocarbon Bacterium in
Electrodes,	Point, 1970-1971,	a Nonaqueous Fluid, W74-06098 7-12 5C
W74-00650 7-02 5A	W74-08970 7-17 5A	7-12 30
	FLORIDA STATE SENATE, TALLAHASSEE.	Influence of Mineral-Water Reactions in Estua-
FLORIDA ATLANTIC UNIV., BOCA RATON. REMOTE SENSING AND INTERPRETATION	A Quiet Revolution: Florida's Future on Trial,	ries on Boron Budget in the Oceans,
LAB.	W74-09173 7-17 4B	W74-07227 7-14 2L
Tidewater Shorelines in Broward and Palm		Marine Geology and Estuarine History of Mo-
Beach Counties, Florida: An Analysis of	FLORIDA STATE UNIV., TALLAHASSEE.	bile Bay, Alabama: Part 1. Contemporary Sedi-
Characteristics and Changes Interpreted from	Reorientation of Convex Shores, W74-00028 7-01 2J	ments.
Color, Color Infrared and Thermal Aerial	W /4-00026	W74-07248 7-14 2L
Imagery,	Conditions of Beach Retrogression in a Low-	
W74-01220 7-03 2L	Energy Environment,	Alkane Degradation in Beach Sands,
FLORIDA BUREAU OF LAND PLANNING,	W74-03456 7-07 2J	W74-08629 7-16 5B
TALLAHASSEE.	FLORIDA STATE UNIV., TALLAHASSEE.	The Relative Changes in n-Alkane Composition
Boundary and Land Development Regulation	DEPT. OF BIOLOGICAL SCIENCE.	in Surface Water Slicks,
Recommendations for the Big Cypress Area of	Responses of Gymnodinium Breve Davis to	W74-08633 7-16 5B
Critical State Concern. W74-08543 7-16 4A	Natural Waters of Diverse Origin,	
W /4-08343 /-16 4A	W74-08731 7-17 5C	Mercury Organic Matter Associations in
FLORIDA CONSERVATION FOUNDATION,	FLORIDA STATE UNIV., TALLAHASSEE.	Estuarine Sediments and Interstitial Water,
WINTER PARK. ENVIRONMENTAL	DEPT. OF ECONOMICS.	W74-11122 7-21 5B
INFORMATION CENTER.	Crop Rotation Schemes for Optimal Utilization	FLORIDA STATE UNIV., TALLAHASSEE.
Aquatic Anomalies: Symptoms of a Sick	of Agricultural Land,	DEPT. OF OCEANOGRAPHY., AND FLORIDA
Ocean, W74-05572 7-11 5B	W74-01596 7-03 3F	STATE UNIV., TALLAHASSEE.
W/4-035/2 /-11 3B	FLORIDA STATE UNIV., TALLAHASSEE.	GEOPHYSICAL FLUID DYNAMICS INST.
FLORIDA DEPT. OF NATURAL RESOURCES,	DEPT. OF ECONOMICS, AND URBAN INST.,	A Numerical Study of the Steady Circulation in
ST. PETERSBURG, MARINE RESEARCH LAB.	WASHINGTON, D.C.	an Open Bay,
Biology of the Alabama Shad in Northwest	Optimal Investment Orders Under Uncertainty and Dynamic Costs: Theory and Estimates.	W74-07924 7-15 2L
Florida, W74-01248 7-03 2I	W74-03199 7-06 6B	FLORIDA STATE UNIV., TALLAHASSEE.
W /4-01246	W/4-03122	DEPT. OF STATISTICS.
Preliminary Report on the Hydrography of the	FLORIDA STATE UNIV., TALLAHASSEE.	Procedures for Testing the Difference of
Pensacola Bay Estuary, Florida,	DEPT. OF GEOLOGY. Selective Transport of Heavy Minerals by	Means with Incomplete Data,
W74-03347 7-07 2L	Shoaling Waves,	W74-03581 7-07 7C
Florida Mangroves as Shoreline Stabilizers,	W74-00107 7-01 2J	FLORIDA STATE UNIV., TALLAHASSEE.
W74-07047 7-13 4A		GEOPHYSICAL FLUID DYNAMICS INST.
C	The Equilibrium Beach, W74-01195 7-03 2J	Harmonic Generation of Shallow Water Waves
Construction and Rehabilitation of Commercial Oyster Reefs in Florida from 1949 Through	W/4-01195 /-03 23	Over Topography,
1971 with Emphasis on Economic Impact in	Tabasco Beach-Ridge Plain: An Eroding Coast,	W74-04323 7-09 2E
Franklin County,	W74-03441 7-07 2J	
W74-12776 7-24 8I	Falling Water Level Ripple Marks,	FLORIDA STATE UNIV., TALLAHASSEE.
PLOBINA DEBT OF NATURAL RESOURCES	W74-03449 7-07 2L	INST. OF MOLECULAR BIOPHYSICS. Effect of Nitrite and Nitrate on Chlorophyll
FLORIDA DEPT. OF NATURAL RESOURCES, TALLAHASSEE. COASTAL COORDINATING		Fluorescence in Green Algae,
COUNCIL.	Precise Control of Wave Run-up in Beach	W74-02928 7-06 5C
Florida's Rationale for Coastal Zone Manage-	Ridge Construction, W74-04939 7-10 2J	
ment,	7-10 23	FLORIDA STATE UNIV., TALLAHASSEE.
W74-05657 7-11 6E	The Incomplete Flood Plain,	OCEANOGRAPHIC INST.
FLORIDA DEPT. OF POLLUTION CONTROL,	W74-05722 7-11 2J	Edge Waves Over a Sloping Beach in a Rotat-
TALLAHASSEE.	FLORIDA STATE UNIV., TALLAHASSEE.	ing Two-Layered System, W74-01218 7-03 2E
Nutrient Removal Using Lemna Minor,	DEPT. OF MATHEMATICS; AND FLORIDA	W/4-01216 /-03 ZE
W74-01321 7-03 5C	STATE UNIV., TALLAHASSEE.	Drastic Beach Changes in a Low-Energy En-
FLORIDA INST. OF TECH., MELBOURNE.	GEOPHYSICAL FLUID DYNAMICS INST.	vironment Caused by Hurricane Betsy,
DEPT. OF OCEANOGRAPHY.	The Transverse Circulation Near a Coast,	W74-04756 7-09 2J
Experimental Hydroponic Gardening with Mu-	W74-01206 7-03 2E	FLORIDA TECHNOLOGICAL UNIV.,
nicipal Waste Water,	FLORIDA STATE UNIV., TALLAHASSEE.	ORLANDO. DEPT. OF BIOLOGICAL
W74-10917 7-21 5D	DEPT. OF METEOROLOGY.	SCIENCES.
PLOBINA INCT. OF TROU. MELBOURNE	On Advection in Phytoplankton Models,	Effect of Organic Insecticides upon Carbon-14
FLORIDA INST. OF TECH., MELBOURNE. UNIV. CENTER FOR POLLUTION RESEARCH.	W74-00737 7-02 5C	Uptake by Freshwater Phytoplankton,
Effects of Gamma Radiation on Aqueous Solu-	FLORIDA STATE UNIV., TALLAHASSEE.	W74-05211 7-10 5C
tions of Phenols,	DEPT. OF OCEANOGRAPHY.	FLORIDA TECHNOLOGICAL UNIV.,
W74-13274 7-24 5D	Changes in Species Composition of	ORLANDO, DEPT. OF CHEMISTRY.
Usable Water from Raw Sewage.	Phytoplankton Due to Enrichment by N, P, and Si of Water From a North Florida Lake,	Alkanes and Alkenes in Marine Benthic Algae,
W74-13459 7-24 5D	W74-01503 7-03 5C	W74-11951 7-22 5C

FLORIDA UNIV., DOVER. AGRICULTURAL RESEARCH CENTER.

FLORIDA UNIV., DOVER. AGRICULTURAL RESEARCH CENTER.	A Proposed Mechanism for the Recycling of Radiocesium in Florida Soil Plant Systems,	FLORIDA UNIV., GAINESVILLE. DEPT. OF PHYSIOLOGY.
Influence of Temperature and Moisture Stress from Sodium Chloride Salinization on Okra	W74-05192 7-10 5A	Heating and Cooling Rates in Four Species of Turtles.
Emergence,	Models of Matter Flow in a Southern Mixed Hardwood Forest in Florida: Preliminary	W74-04243 7-08 5C
	Results,	FLORIDA UNIV., GAINESVILLE. DEPT. OF
Effect of Fertilization and Mulching with Bio- Degradeable Polyethylene-Coated Paper on	W74-07813 7-15 5B	PLANT PATHOLOGY. Biological Control of Water Weeds With Plant
Responses of Okra and Peppers, W74-13370 7-24 3F	FLORIDA UNIV., GAINESVILLE. DEPT. OF CIVIL AND COASTAL ENGINEERING.	Pathogens, W74-01653 7-04 5C
FLORIDA UNIV., FORT LAUDERDALE. AGRICULTURAL RESEARCH CENTER.	A Physical Model for Prediction and Control of Saltwater Intrusion in the Floridan Aquifer, W74-06609 7-13 2F	Past and Current Research on Diseases of Eurasian Watermilfoil (Myriophyllum spicatum
Effect of pH and High Phosphorus Concentra- tions on Growth of Waterhyacinth,	FLORIDA UNIV., GAINESVILLE. DEPT. OF	L.), W74-02112 7-04 2I
W74-02934 7-06 5C	COASTAL AND OCEANOGRAPHIC ENGINEERING.	FLORIDA UNIV., GAINESVILLE. DEPT. OF
FLORIDA UNIV., GAINESVILLE. Estimation of Outdoor Recreational Values,	Breaking Wave Criteria; A Study Employing a Numerical Wave Theory,	SOIL SCIENCE. Effects of Subsurface Asphalt Layers on Corn
W74-08392 7-16 6B	W74-04610 7-09 2E	and Tomato Root Systems, W74-07447 7-14 3F
High-Level Copper Feeding of Swine and Poultry and the Ecology,	Application of Fluorescent Coated Sand in Lit-	Concentrations of Nitrogen, Phosphorus,
W74-10295 7-19 5B	toral Drift and Inlet Studies, W74-04616 7-09 2L	Potassium, and Total Soluble Salts in Soil Solu-
FLORIDA UNIV., GAINESVILLE. COASTAL AND OCEANOGRAPHIC ENGINEERING LAB.	A Field Investigation of Sand Transport in the	tion Samples from Fertilized and Unfertilized Histosols,
Hydraulics and Sedimentary Stability of	Surf Zone, W74-04619 7-09 2J	W74-08319 7-16 5B
Coastal Inlets, W74-06321 7-12 8B	Recent Investigations in Stratified Flows Re-	FLORIDA UNIV., GAINESVILLE. PESTICIDE RESEARCH LAB.
FLORIDA UNIV., GAINESVILLE. COASTAL	lated to Estuarial Hydraulics, W74-07226 7-14 2L	Biodegradation of Mirex By Sewage Sludge Or- ganisms.
ENGINEERING LAB. Longshore Currents in One and Multi-Bar		W74-11345 7-21 5B
Profiles Relation to Littoral Drift, W74-04749 7-09 2L	FLORIDA UNIV., GAINESVILLE. DEPT. OF ENVIRONMENTAL ENGINEERING.	FLORIDA UNIV., GAINESVILLE. SCHOOL OF LAW.
Quantitative Research on Littoral Drift in Field	Nitrogen Sources and Cycling in Natural Waters,	A Model Water Use Act for a Riparian State
and Laboratory, W74-04966 7-10 2J	W74-00149 7-01 5C	The Florida Experience, W74-08545 7-16 6E
FLORIDA UNIV., GAINESVILLE. COLL. OF	Nitrogen: Sources and Transformations in Natural Waters,	FLORIDA UNIV., GAINESVILLE. URBAN
ENGINEERING. Laboratory Investigations of Whitecaps, Spray	W74-01799 7-04 5C	STUDIES BUREAU. The Demographic, Political, and Administrative
and Capillary Waves,	FLORIDA UNIV., GAINESVILLE. DEPT. OF ENVIRONMENTAL ENGINEERING SCIENCES.	Setting, W74-09058 7-17 6B
W74-03506 7-07 2E	Water Resources and Social Choices,	FLORIDA UNIV., GAINESVILLE. WATER
Littoral Drift Computations Along the Coast of Florida by Means of Ship Wave Observations,	W74-03951 7-08 6B	RESOURCES RESEARCH CENTER. Components of Outdoor Recreational Values:
W74-05710 7-11 2J	Environmental Surveillance for Radioactivity in the Vicinity of the Crystal River Nuclear	Kissimmee River Basin, Florida,
Hydraulic Constants of Tidal Entrances 1: Data from Nos Tide Tables, Current Tables and	Power Plant: An Ecological Approach, W74-04173 7-08 5B	W74-02113 7-04 6B
Navigation Charts, W74-12648 7-23 2L	The EPA Stormwater Management Model: A	Processing, Chemical Composition and Nutri- tive Value of Aquatic Weeds,
FLORIDA UNIV., GAINESVILLE. COLL. OF	Current Overview,	W74-06502 7-13 4A
LAW. A Bibliography on Legal and Regulatory	W74-07265 7-14 5D	Establishment of Mean High Water Lines in Florida Lakes,
Aspects of Water Pollution Control and Abate-	Analysis of Coprostanol, an Indicator of Fecal Contamination,	W74-06610 7-13 2H
ment, Part I: Abstracts. W74-05004 7-10 5G	W74-11794 7-22 5A	FLORIDA UNIV., LAKE ALFRED. INST. OF FOOD AND AGRICULTURAL SCIENCES.
A Bibliography on Legal and Regulatory Aspects of Water Pollution Control and Abate-	FLORIDA UNIV., GAINESVILLE. DEPT. OF FOOD AND RESOURCE ECONOMICS. Water Allocation Models Based on an Analysis	Irrigation of Citrus with Citrus Waste Water, W74-07603 7-15 5D
ment, Part II: Subject Index. W74-05005 7-10 5G	for the Kissimmee River Basin, W74-05402 7-11 6B	FLORIDA UNIV., MIAMI. SCHOOL OF
FLORIDA UNIV., GAINESVILLE. DEPT. OF	FLORIDA UNIV., GAINESVILLE, DEPT. OF	MEDICINE. Preoperational Levels of Environmental
AGRICULTURAL ENGINEERING. Measurement of Unsaturated Hydraulic Con-	FOOD SCIENCE.; AND FLORIDA UNIV., GAINESVILLE. DEPT. OF ZOOLOGY.	Radioactivity in Water and Sediment Around Turkey Point Nuclear Power Plants, Card
ductivity by the Constant Outflow Method, W74-05675 7-11 2G	Polychlorinated Biphenyls and P,P' DDE in Green Turtle Eggs from Ascension Island,	Sounds, Florida, W74-08971 7-17 5A
Lagoon Disposal of Dairy Wastes in Florida, W74-10302 7-19 5D	South Atlantic Ocean, W74-11335 7-21 5C	FLOW RESEARCH, INC., KENT, WASH. A Theory of Hydraulic Rock Cutting,
FLORIDA UNIV., GAINESVILLE. DEPT. OF	FLORIDA UNIV., GAINESVILLE. DEPT. OF	W74-10848 7-20 8C

MARKETING.
Elimination of Phosphate Detergents and

Psychological Reactance,

W74-10798

FLUOR CORP. LTD., HOUSTON, TEX.

Reacting Acid,

W74-07860

7-20 5C

Dissolution of a Porous Matrix by a Slowly

7-15 8B

BOTANY.

post System, W74-03875

Thermophilic Fungi in a Municipal Waste Com-

7-08 5A

FOREST SERVICE (USDA), BERKELEY, CALIF. PACIFIC SOUTHWEST FOREST AND

FLUOR CORP. LTD., LOS ANGELES, CALIF. 'Clean Energy Via Coal Gasification', W74-02462 7-05 6B	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, ROME (ITALY). ENVIRONMENT LAW.	FOOD AND DRUG ADMINISTRATION, WASHINGTON, D.C. DIV. OF NUTRITION. Effect of Ascorbic Acid on Cadmium Toxicity
Comparison Study of a 2.5 MGD Vertical Tube	Pollution SanctionsNew Alternatives to Civil Liability,	in the Young Coturnix, W74-07707 7-15 5C
Evaporator Upflow Versus Downflow, W74-11628 7-22 3A	W74-07123 7-14 5G	Iron and Associated Trace Mineral Problems in
	FOOD AND AGRICULTURE ORGANIZATION	Man and Animals,
Conceptual Design and Cost Estimate of a Vapor Compression VTE/MSF Desalting Plant,	OF THE UNITED NATIONS ROME (ITALY).	W74-07950 7-15 2K
W74-11630 7-22 3A	EUROPEAN INLAND FISHERIES ADVISORY COMMISSION.	FOOD AND DRUG DIRECTORATE, OTTAWA
Evaluation of the Capabilities of the Vertical	Water Quality Criteria for European Fresh-	(ONTARIO). Mercury Content of Canadian Foods and
Tube Evaporator and the Multistage Flash Distillation Desalination Processes.	water Fish. Reoprt on Ammonia and Inland Fisheries.	Cereals Determined by Different Methods,
W74-11632 7-22 3A	W74-02951 7-06 5C	W74-06787 7-13 5A
Conceptual Design and Cost Estimate 2.5 MGD Direct Contact Condensation Multistage Flash Desalination Plant,	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, ROME (ITALY). LAND AND WATER DEVELOPMENT DIV.	FOOD AND DRUG DIRECTORATE, OTTAWA (ONTARIO). FOOD RESEARCH LABS. Dibutyl- and Di-(2-Ethylhexyl)Phthalate in
W74-11637 7-22 3A	The Role of FAO in the Transfer of Water	Fish, W74-03590 7-07 5A
Summary of Desalination Plant Brine Disposal Methods for Inland Locations, Final Report,	Resources Knowledge to Developing Regions, W74-00223 7-01 10A	FOODS MULTINATIONAL, INC., GROTON,
February 1971.	Technical Activities by FAO in the Transfer of	MASS. The Design of an Aquaculture Enterprise,
W74-11808 7-22 3A	Water Resources Knowledge to Developing Re-	W74-12773 7-24 8
FMC CORP., CHICAGO, ILL. (ASSIGNEE). Plant for Waste Water Treatment,	gions, W74-00224 7-01 10A	FORD MOTOR CO., DEARBORN, MICH.
W74-12806 7-24 5D	Can Freezing Improve Wells in Consolidated	DEPT. OF CHEMISTRY.
FMC CORP., ENGLEWOOD, COLO. DIV. OF	Rock Aquifers,	The Elemental Composition of the Aerosol in Pasadena, California,
ENVIRONMENTAL EQUIPMENT.	W74-12532 7-23 4B	W74-10994 7-21 5A
Oxygenation System for Accelerated Sewage Treatment,	FOOD AND DRUG ADMINISTRATION,	FOREST MANAGEMENT INST., OTTAWA
W74-08207 7-16 5D	BOSTON, MASS. Microbiological Evaluation of Cold-Water	(ONTARIO). Detection, Mapping and Estimation of Rate
FMC CORP., FRONT ROYAL, VA.	Shrimp (Pandalus Borealis),	Spread of Grass Fires from Southern African
Electrically Grounded FRP Systems, W74-10845 7-20 8C	W74-00653 7-02 5A	ERTS-1 Imagery, W74-02576 7-05 7F
	FOOD AND DRUG ADMINISTRATION,	
FMC CORP., NEW YORK. Process For Regenerating Spent Active Carbon in a Suspension-Dispersion Transport System,	DAUPHIN ISLAND, ALA. GULF COAST TECHNICAL SERVICES UNIT. Use of Fluorescent Dye Tracers in Mobile Bay,	FOREST RESEARCH INST., DEHRA DUN (INDIA). FOREST ENTOMOLOGY BRANCH. The Phenology of Dragonflies in the Dehra Dui
W74-10487 7-20 5D	W74-07642 7-15 5B	Valley, India, W74-02237 7-05 2
FMC CORP., PRINCETON, N.J. NIAGARA CHEMICAL DIV.	FOOD AND DRUG ADMINISTRATION,	FOREST RESEARCH INST., KEPONG
Ethylenethiourea Degradation,	WASHINGTON, D.C. Informal Opinions,	(MALAYSIA). COLOMBO PLAN.
W74-01340 7-03 5B	W74-12173 7-23 6E	The Effect of Logging on Hill Dipterocary Forest.
FMC CORP., PRINCETON, N.J. RESEARCH	FOOD AND DRUG ADMINISTRATION,	W74-06454 7-12 40
AND DEVELOPMENT DEPT. Hydrogen Peroxide for Industrial Pollution	WASHINGTON, D.C. BUREAU OF FOODS.	FOREST SERVICE (USDA), ALBUQUERQUE,
Control, W74-04532 7-09 5D	Food and Drug Administration Guidelines for Contaminants in Fishery Products,	N. MEX. ROCKY MOUNTAIN FOREST AND
FMC CORP., SAN JOSE, CALIF. (ASSIGNEE).	W74-12770 7-24 5G	RANGE EXPERIMENT STATION. Reactivating Soil Ripping Treatments for Ru
Attenuation of Water Waves and Control and	FOOD AND DRUG ADMINISTRATION,	noff and Erosion Control in the Southwesters U.S.,
Utilization of Wave-Induced Water Move- ments,	WASHINGTON, D.C. DIV. OF CHEMISTRY AND PHYSICS.	W74-07089 7-14 20
W74-07204 7-14 8B	Criteria for Mycotoxin Standards,	FOREST SERVICE (USDA), ASHEVILLE, N.C.
Foam Flotation Concentration of Sewage,	W74-01414 7-03 5A	SOUTHEASTERN FOREST EXPERIMENT STATION.
W74-07214 7-14 5D	Infrared Studies of Chlorinated Dibenzo-p- Dioxins and Structurally Related Compounds,	Soils and Water,
Method and Apparatus for Removing Solids, W74-08902 7-17 5D	W74-01509 7-03 5A	W74-00698 7-02 31
Water Intake Screen,	Arsenic and Antimony in Laundry Aids by In-	Lower Water Temperatures Within a Stream side Buffer Strip,
W74-10446 7-20 8I	strumental Neutron Activation Analysis, W74-06030 7-12 5A	W74-03551 7-07 40
FMC CORP., SANTA CLARA, CALIF.		FOREST SERVICE (USDA), BERKELEY,
(ASSIGNEE). Method and Apparatus for Separation of	Observations on the Gas Chromatography of Kelthane (Dicofol),	CALIF. PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION.
Sludge, W74-11397 7-21 5D	W74-07575 7-14 5A	Fog Drip from Artificial Leaves in a Fog Win- Tunnel.
	FOOD AND DRUG ADMINISTRATION,	W74-02765 7-06 2
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, ROME (ITALY). Methods to Expedite Environment Protection:	WASHINGTON, D.C. DIV. OF MICROBIOLOGY. Methodology for Recovery and Identification	DCP-Collected Absolute Target Reflectanc Signatures Assist Accurate Interpretation of
International Ecostandards, W74-13229 7-24 5G	of Enteropathogenic Escherichia Coli, W74-06151 7-12 5A	ERTS-1 Imagery, W74-06688 7-13 70
	, 15 011	1.15

7-13 7C

7-14 2G

Water Yield, Annual peaks and Exposure in

Water Retention of Granitic Soils in the Idaho

FOREST SERVICE, (USDA), OGDEN, UTAH.

INTERMOUNTAIN FOREST AND RANGE

Mountainous Terrain,

EXPERIMENT STATION.

W74-07165

Batholith,

W74-07170

FOREST SERVICE (USDA), CADILLAC, MICH.

OREST SERVICE (USDA), CADILLAC, MICH.	Effect of Snow Fence Height on Wind Speed, W74-00691 7-02 3B	FOREST SERVICE (USDA), FRANKLIN, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION.
TATION. Lake Michigan Snow Squalls Increase Annual Precipitation in the Udell Hills,	Prediction of Air Temperature at A Remote Site From Official Weather Station Records,	Watershed Values Important in Planning, W74-12230 7-23 4D
W74-05124 7-10 2B	W74-00692 7-02 2A	W 74-12230
A Groundwater Profile Sampler,	Design of a Watershed Snow Fence System,	Temporal Changes in Biomass, Surface Area and Net Production for a Pinus Strobus L.
W74-07523 7-14 2F	and First-Year Snow Accumulations, W74-00695 7-02 3B	Forest, W74-12231 7-23 4A
Phosphorus and Nitrate Levels in Groundwater		
as Related to Irrigation of Jack Pine With Sewage Effluent,	Vegetation Changes as a Result of Soil Ripping on the Rio Puerco in New Mexico,	Comparison of Three Methods of Estimating Surface Area and Biomass for a Forest of
W74-12878 7-24 5D	W74-00696 7-02 4A	Young Eastern White Pine, W74-12232 7-23 4A
OREST SERVICE (USDA), COLLEGE,	Photogrammetric Determinations of Snow	W 14-12232 1-23 4A
LASKA. INST. OF NORTHERN FORESTRY.	Cover Extent from Uncontrolled Aerial Photo-	Estimating Solar Radiation on Mountain
Ecological Effects of River Flooding and	graphs,	Slopes,
Forest Fires on Permafrost in the Taiga of Alaska,	W74-00697 7-02 3B	W74-13415 7-24 2D
W74-04352 7-09 2C	Reproductive Variations in the Round-Tailed	FOREST SERVICE (USDA), GRAND RAPIDS, MINN. NORTHERN CONIFERS LAB.
OREST SERVICE (USDA), DURHAM, N.H.	Ground Squirrel as Related to Winter Rainfall, W74-01895 7-04 2I	A Device for Measuring the Average Tempera-
NORTHEASTERN FOREST EXPERIMENT	W74-01093	ture of Water, Soil, or Air,
TATION.	Seventeen-Year Sediment Production from a	W74-06045 7-12 5A
Forest Transpiration Greatly Speeds Stream-	Semiarid Watershed in the Southwest,	FOREST SERVICE (USDA), HARRISBURG,
flow Recession, W74-02766 7-06 2D	W74-01948 7-04 4D	ILL. SHAWNEE NATIONAL FOREST.
	Hydrologic Simulation Model of Colorado Sub-	Restoration of Acid Spoil Banks with Treated
FOREST SERVICE (USDA), FORT COLLINS,	alpine Forest,	Sewage Sludge,
COLO. ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION.	W74-02248 7-05 7B	W74-12879 7-24 5D
Sampling Requirements for Areal Water	An Enclosed Weir for Small Streams in Snow	FOREST SERVICE (USDA), LA CROSSE, WIS.
Equivalent Estimates in Forested Subalpine	Country,	WATERSHED LAB.
Watersheds,	W74-02249 7-05 7B	Effect of Grazing on Runoff from Two Small
W74-00675 7-02 3B	Predicting Avalanche Intensity from Weather	Watersheds in Southwestern Wisconsin,
Annual Streamflow Summaries from Four Sub-	Data: A Statistical Analysis,	W74-07525 7-14 4C
alpine Watersheds in Colorado,	W74-02294 7-05 2C	Larch Litter Removal has No Significant Ef-
W74-00676 7-02 3B		fect on Runoff,
Water Yield Characteristics of Three Small	Hyperbolic Stress Equations for Compressible Slabs.	W74-11071 7-21 2E
Watersheds in the Northeastern Black Hills,	W74-02624 7-05 2C	Snow and Frost Depths on North and South
W74-00677 7-02 3B		Slopes,
Flow and Channel Characteristics of Two High	Advances in North American Avalanche	W74-11724 7-22 2C
Mountain Streams,	Technology: 1972 Symposium. W74-02740 7-06 2C	FOREST SERVICE (USDA), LA CROSSE, WISC.
W74-00678 7-02 4A		WATERSHED LAB.
Avalanches in Our Western Mountains: What	Statistical Problems in Snow Mechanics,	Effect of Forest Cover Removal on Depth of
Are We Doing About Them,	W74-02745 7-06 2C	Soil Freezing and Overland Flow, W74-00610 7-02 2G
W74-00680 7-02 2C	Snowmelt Lysimeters Perform Well in Cold	
Pressure Bomb Measures Changes in Moisture	Temperatures in Central Colorado,	FOREST SERVICE (USDA), LOGAN, UTAH.
Stress of Birchleaf Mountainmahogany After	W74-03067 7-06 2C	CACHE NATIONAL FOREST. Pothole Community Management for Livestock
Partial Crown Removal,	Pressure Bomb Measurements Indicate Water	and Wildlife in the Intermountain Region,
W74-00681 7-02 2I	Availability in a Southwestern Riparian Com-	W74-03083 7-06 4A
A Centrifugal Tensile Tester for Snow,	munity,	FOREST SERVICE (USDA), MADISON, WIS.
W74-00682 7-02 2C	W74-03076 7-06 2G	FOREST PRODUCTS LAB.
Simulated Sonic Boom as an Avalanche	Fire Climates in the Southwest,	Bacterial Protein from Paper Mill Sludges,
Trigger,	W74-04130 7-08 4A	W74-02282 7-05 5E
W74-00683 7-02 2C	Areal Snow Cover Observations in the Central	Characterization of Wood-Preserving Coal-Tar
Snow Fences for Influencing Snow Accumula-	Rockies, Colorado,	Creosote by Gas-Liquid Chromatography,
tion,	W74-06391 7-12 2C	W74-05306 7-10 5A
W74-00684 7-02 2C	Moisture Stresses in Arizona Mixed Conifer	FOREST SERVICE (USDA), MOSCOW, IDAHO.
Weather Conditions that Determine Snow	Seedlings.	FORESTRY SCIENCES LAB.
Transport Distances at a Site in Wyoming,	W74-06461 7-12 2I	Estimating the Land Slope of Mountain
W74-00685 7-02 2C		Watersheds,
Simulating Difference of Warrence Comit	Soil Moisture Response to Spraying Big Sagebrush the Year of Treatment.	W74-01715 7-04 2A
Simulating Effects of Harvest Cutting on	Sageorush the real of freatment,	

W74-06462

Pine Forest,

W74-07526

W74-10424

Snow Accumulation and Snowmelt as In-

fluenced by a Small Clearing in a Lodgepole

Computer Simulation of Snowmelt within a

Colorado Subalpine Watershed,

7-02 4C

7-02 2C

7-02 2D

7-12 21

7-14 2C

7-20 2C

W74-00686

W74-00687

W74-00690

Snowmelt in Colorado Subalpine Forest,

Generalization of Haefeli's Creep-Angle Analy-

The Rocky Mountain Millivolt Integrator for use with Solar Radiation Sensors,

EREIRIDO HAIRE AUPET CERMANIS HUMANO CONCUER INICIPITA

		TREIBURG CHIT.	(WEST GERMANT). LIMINOLOGISCHES INSTITUT.
The Release of Water from I	Forest Snowpacks	FOREST SERVICE (USDA), TUCSON, ARIZ.	FORSTLICHE FORSCHUNGSANSTALT,
During Winter, W74-08761	7-17 2C	ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION.	MUNICH (WEST GERMANY). INSTITUT FUER BODENKUNDE.
		Picloram Movement from a Chaparral	Influence of Parent Material and Slope Expo-
FOREST SERVICE (USDA), OG	GDEN, UTAH.	Watershed.	sure on Properties of Soils Related to Erodibili-
INTERMOUNTAIN REGION.	n	W74-00370 7-01 5B	ty in North Central Anatolia,
River Mile Index, Sevier Lak			W74-05066 7-10 2J
Minor Basins in Western U Nevada.	tan and Eastern	Invasion of Semidesert Grassland by Velvet	FORT HARE UNIV. (SOUTH AFRICIA).
W74-11432	7-21 7C	Mesquite and Associated Vegetation Changes, W74-05226 7-10 3F	Predicted Quality of J. G. Strijdom Dam Water and its Suitability for Irrigating Certain
FOREST SERVICE (USDA), PI	NEVILLE, LA.	Santa Rita Experimental Range: Your Facility	Makatini Soils,
SOUTHERN FOREST EXPERI		for Research on Semidesert Ecosystems,	W74-13248 7-24 3C
Prescribed Burning Rotations	on Pine-Bluestem	W74-05227 7-10 3F	FOSTER-MILLER ASSOCIATES, INC.,
Range,		710 31	WALTHAM, MASS.
W74-02944	7-06 4A	Demands on National Forests Require Coor-	Centrifuge Coalescer Concept for Separating
Biodegradation of Resin Acid	Sodium Salts.	dinated Planning,	Oil from Water Discharged from Ships,
W74-07393	7-14 5D	W74-05926 7-11 4A	W74-09203 7-17 5G
		PORTOT OFFICE (TOP 1) HILLOWN CTON	FOSTER WHEELER CORP., LIVINGSTON, N.J.
FOREST SERVICE (USDA), PR		FOREST SERVICE (USDA), WASHINGTON,	Final Report Study of the Application of Alu-
INTERMOUNTAIN FOREST A	ND RANGE	D.C.	minum as a Principal Material of Construction
EXPERIMENT STATION.	an Almina Consu	Proposed Chattooga National Wild and Scenic	in a 50 MGD Multistage Flash Distillation
Ablation Characteristics of Field in Summer.	an Alpine Snow	River, North Carolina, South Carolina, and	System.
W74-02653	7-06 2C	Georgia (Final Environmental Impact State- ment).	W74-11824 7-22 3A
FOREST SERVICE (USDA), RA	APID CITY, S.	W74-05805 7-11 5G	FRANKFURT UNIV. (WEST GERMANY).
DAK. ROCKY MOUNTAIN FO		Proposal for Oklawaha River, Ocala National	BOTANICAL INST.
RANGE EXPERIMENT STATIS			Investigations on the Cation-Content in a Bog
Seismic Refraction Analys	is of Watershed	Forest, Florida, (Final Environmental Impact Statement).	 Differences in the Vegetation-Complexes, (In German).
Mantle Related to Soil, Geole	ogy, and Hydrolo-	W74-06993 7-13 4A	W74-13470 7-24 2H
gy,		177 00223	
W74-09199	7-17 2G	Research NeedsLand Disposal of Municipal	Investigations on the Cation-Content in a Bog
FOREST SERVICE (USDA), ST	PAUL MINN	Sewage Wastes,	II. Seasonal Changes and Influence of the
NORTH CENTRAL FOREST E		W74-12901 7-24 5D	Sphagnum Vegetation, (In German), W74-13471 7-24 2H
STATION.	ALL EXEMPLE:		W /4-154/1 /-24 2F
The Effect of Overstory Re	moval Upon Sur-	FOREST SERVICE (USDA), WASHINGTON,	FRANKFURT UNIV. (WEST GERMANY).
face Wind in a Black Spruce		D.C. DIV. OF FOREST ENVIRONMENT	HYGIENE-INSTITUT.
W74-00688	7-02 3B	RESEARCH.	Optimization of Surface-Water Quality: A
		Soils as Sludge Assimilators,	Proposal for Solving a Future Problem (In Ger
Soil Water Depletion by a H	ardwood Forest in	W74-11836 7-22 5D	man),
Southwestern Wisconsin,	2.02 20	FOREST SERVICE (USDA), WASHINGTON,	W74-00994 7-02 5E
W74-00693	7-02 3B	D.C. DIV. OF WATERSHED MANAGEMENT.	FRANKFURT UNIV. (WEST GERMANY).
Preliminary Results of Water	Level Control on	Forest Service Policy Related to the Use of Na-	INSTITUT FUER METEOROLOGIE UND
Small Plots in a Peat Bog,		tional Forest Lands for Disposal of Wastewater	GEOPHYSIK.
W74-00694	7-02 4A	and Sludge,	On the Absorption of SO2 in Ocean Water,
		W74-12899 7-24 5D	W74-12320 7-23 2K
Tables and Conversions for M			FRANKLIN INST. RESEARCH LABS.,
W74-06389	7-12 2B	FORESTS COMMISSION OF VICTORIA,	PHILADELPHIA, PA.
Mean Precipitation-Hours	for the Conter-	MELBOURNE (AUSTRALIA).	Cooperative Investigation of the Caribbean and
minous United States,	ior the conter	Die-Back in the Mixed Hardwood Forests of	Adjacent Regions (Cicar), Volume II, Bibliog
W74-06390	7-12 2B	Eastern Victoria: A Preliminary Report,	raphy on Marine Biology.
		W74-01251 7-03 4A	W74-03054 7-06 21
FOREST SERVICE (USDA), ST		EOBECHINGS ANSTALT FILED	Cooperative Investigation of the Caribbean and
MISS. SOUTHEASTERN FORE	EST	FORSCHUNGSANSTALT FUER	Adjacent Regions (Cicar), Volume III, Bibliog
EXPERIMENT STATION. Intensive Cultural Practices I	namena Crowth of	LANDWIRTSCHAFT, BRUNSWICK (WEST	raphy on Marine Geology and Geophysics.
Juvenile Slash Pine in Florida		GERMANY). INSTITUT FUER BIOCHEMIE DES BODENS.	W74-03055 7-06 21
W74-12701	7-23 2I	Slow Releasing Nitrogen Fertilizer from the	Investigation of Bosous Bournasts for Usha
	7 40 41	ore releasing trittogen retunnet from the	Investigation of Porous Pavements for Ushan

FOREST SERVICE (USDA), TEMPE, ARIZ. FOREST HYDROLOGY LAB.

Evapotranspiration and Watershed Research as Related to Riparian and Phreatophyte Management--An Abstract Bibliography.

W74-02630 7-05 2D

Unsaturated Flow Properties Used to Predict Outflow and Evapotranspiration from a Sloping Lysimeter, W74-02771 7-06 2D

A Literature Review of Timber-Harvesting Effects on Stream Temperatures: Research Needs for the Southwest, W74-06437 7-12 4C

Humus Decomposition of East African Soils after Drying and Remoistening (In German), W74-05054 7-10 2G The Influence of Precipitation and Altitude on

Soil Respiration, Nitrogen Mineralization and

7-10 5B

Waste Product, Lignin Sulphonates,

LANDWIRTSCHAFT, BRUNSWICK (WEST

FORSCHUNGSANSTALT FUER

GERMANY). INSTITUT FUER

W74-05249

BODENBIOLOGIE.

the Humus Content of East African Soils (In German), 7-10 2G W74-05058

Investigation of Porous Pavements for Urban Runoff Control, W74-05411 7-11 5D

FREIBURG UNIV. (WEST GERMANY).

Chironomidae (Diptera) from the Area of Freiburg in Breisgau (with Special Consideration of the Genus Chironomus), (In German), W74-04678 7-09 2H

FREIBURG UNIV. (WEST GERMANY). LIMNOLOGISCHES INSTITUT.

Research on the Mettma Brook at Falkau, (In German). W74-00497 7-01 5B

The Mettma: A Mountain Stream as a Brewery's Draining Ditch: Microbiological In-

Studies on the Anemia of Fish: V. Dietary Iron

Deficient Anemia in Brook Trout, Salvelinus

Acute and Chronic Toxicity, Uptake and Re-

7-24 5C

7-23 5D

7-04 6B

tention of Cadmium in Freshwater Organisms,

FRIED-KRUPP G.M.B.H., ESSEN (WEST

Method for Treating Waste Waters,

GALLUP POLL, PRINCETON, N.J.

Water Quality and Public Opinion.

GAM RAD, INC., DETROIT, MICH.

Fontinalis,

W74-12736

W74-13027

GERMANY).

W74-12440

W74-01867

GENERAL DYNAMICS, SAN DIEGO, CALIF.

Air Pollution Measurements From Satellites,

GENERAL ELECTRIC CO., BAY SAINT LOUIS, MISS. MISSISSIPPI TEST SUPPORT DEPT.

GENERAL ELECTRIC CO., BRIDGEPORT,

GENERAL ELECTRIC CO., CLEVELAND,

Nutrient-Productivity Relationships in a Bayou

Combination Condenser-Degasser-Deaerator

7-12 5C

7-20 3A

CONVAIR AEROSPACE DIV.

for a Desalination Plant,

Estuary,

CONN.

оню.

W74-06160

W74-10596

FREIBURG UNIV. (WEST GERMANY). LIMNOLOGISCHES INSTITUT.

7-01 5C

vestigations Along the Gradient of Pollution,

Hydrography, Chemistry and Load of Nutrients of a Mountain Stream Polluted by

Adaptation to Ammonia in Situ by Submerged

A Preliminary Note on the Sequential Decom-A Preliminary Note on the Sapernia, position of Pectin by Aquatic Bacteria, 7-12 5B

Organic Waste Water, (In German),

FREIBURG UNIV. (WEST GERMANY).

SCHOOL OF MICROBIOLOGY.

(In German), W74-00498

W74-00499

W74-01759

Macrophytes,

Fine Structure and Chemical Composition of	(ASSIGNEE)	A Systematic Approach to the Analysis of
the Cell Envelopes,	Fluid Analyzer with Variable Light Path,	Means. Part I. Analysis of Treatment Effects,
W74-12567 7-23 5C	W74-13252 7-24 7B	W74-00626 7-02 7C
RESHWATER BIOLOGICAL ASSOCIATION,	GARAGHTY AND MILLER, PORT	A Systematic Approach to the Analysis of
MBLESIDE (ENGLAND).	WASHINGTON, N.Y.	Means. Part II. Analysis of Contrasts. Part III.
Responses of a Mixed Phytoplankton Popula-	Regional Water Resources Studies A Spanish	Analysis of Non-Normal Data,
tion to Nutrient Enrichments of Ammonia and		W74-03837 7-08 7C
Phosphate, and Some Associated Ecologica		GENERAL ELECTRIC CO., LOUISVILLE, KY.
Implications,		One-Way Analysis of Variance,
W74-00665 7-02 50	The Pros and Cons of Automated Filters,	W74-03292 7-07 7C
Bionomics of Cyclops strenuus abyssorm Sars	W74-08226 7-16 5D	GENERAL ELECTRIC CO., LYNN, MASS.
(Copepoda:Cyclopoida),	CAMPO DURBER CO. BENUER COLO	Research on Reverse Osmosis Membranes for
W74-05344 7-10 50	GATES RUBBER CO., DENVER, COLO.	Purification of Wash Water at Sterilization (165
	(ASSIGNEE).	deg F).
RESHWATER BIOLOGICAL ASSOCIATION,	Controlling Algae with 5-(5 Barbiturilidene)-	W74-00316 7-01 5E
HREWSBURY (ENGLAND).	Rhodanine, W74-03665 7-07 4A	
Growth and Buoyancy of Microcystis aeru		Tubular Reverse Osmosis Membrane Develop
ginosa Kutz. Emend. Elenkin in a Shallow	GATES (W. E.) AND ASSOCIATES, INC.,	ment Using Sulfonated Polyphenylene Oxide,
Eutrophic Lake,	FAIDFAY VA	W74-01936 7-04 3A
W74-01518 7-03 50	Communications for Urban Water Resources	
DECLINATED DIOLOGICAL ACCOUNTS	ManagementA Review and Annotated	GENERAL ELECTRIC CO., PHILADELPHIA,
RESHWATER BIOLOGICAL ASSOCIATION,	Bibliography,	PA.
VAREHAM (ENGLAND). RIVER LAB.	W74.00251 7.18 6B	Mathematical Modeling for Status Prediction
The Chemical Composition and Flow of the		and Control of Water Distribution Systems,
South Winterbourne in Dorset,	Design of Prototype Mass Media Programs for	W74-04320 7-09 4A
W74-02190 7-05 2k	Testing in the Lower James River Basin,	Analysis of the Feasibility of an Experiment to
The Chemical Composition and Flow of the	W74-09252 7-18 6B	Measure Carbon Monoxide in the Atmosphere,
River Frome and Its Main Tributaries.		W74-06917 7-13 5A
W74-12928 7-24 2k	GCA CORP., BEDFORD, MASS. GCA	
727 22	TECHNOLOGI DIV.	Use of Pipelines as Aerobic Biological Reac
RESHWATER BIOLOGICAL ASSOCIATION,	Waste Automotive Lubricating Oil as a Mu-	tors,
VINDERMERE (ENGLAND).	nicipal Incinerator Fuel,	W74-10925 7-21 5I
Daphnia Distribution Within Langmuir Circula	W74-04549 7-09 5D	
tions,	GEE AND HEARON, AUSTIN, TEX.	GENERAL ELECTRIC CO., PHILADELPHIA,
W74-05318 7-10 50		PA. MISSILE AND SPACE DIV.
	row	First Look Analyses of Five Cycles of ERTS-
RESHWATER FISHERIES LAB., PITLOCHRY	W74-12547 7-23 6E	Imagery Over County of Los Angeles: Assess ment of Data Utility for Urban Developmen
SCOTLAND).		and Regional Planning,
International Cooperative Study of Or	OLL III DELICOTT CONTROLLE	W74-06636 7-13 4A
ganochlorine and Mercury Residues in Wildlife		17-13 47
1969-71,	Beach Nourishment from Offshore Sources,	GENERAL ELECTRIC CO., PHILADELPHIA,
W74-06053 7-12 5A	W74-00522 7-01 2J	PA. RE-ENTRY AND ENVIRONMENTAL
FRESHWATER FISHERIES RESEARCH LAB.,	GENERAL AGGOVERNO OFFICE	SYSTEMS DIV.
OKYO (JAPAN).	GENERAL ACCOUNTING OFFICE,	Engineering Analysis of ERTS Data fo
On Environmental Factors of Eel Ponds	WASHINGTON, D.C. Need to Improve Administration of the Water	Southeast Asian Agriculture,
Chemistry of Water and Soil and Plankton is		W74-01669 . 7-04 31
March and June 1967, (In Japanese),	stration Program.	Contamine Plates and Peaks for Oil Water
W74-02933 7-06 2H		Coalescing Plates and Packs for Oil Wate
7.00 21	W/4-03131	Separation in Various Shipboard Applications, W74-01882 7-04 50
Qualitative Requirements of Young Eels An	GENERAL ATOMIC CO., SAN DIEGO, CALIF.	W 74-01862 7-04 30
guilla japonica for Water-Soluble Vitamins and	Reverse Osmosis Membrane Filters for Sea-	An Application Study in Water Distribution
Their Deficiency Symptoms,	water Pretreatment,	Control,
W74-07006 7-13 50	W74-08334 7-16 3A	W74-03755 7-08 80
Acute Toxicity and Accumulation of PCB (Ko		Hydraulics and Thermal Dispersion in an In
300) in Freshwater Fish, (In Japanese),	Membrane Technology,	regular Estuary,
W74-12245 7-23 50	W74-11825 7-22 3A	W74-05828 7-11 51
OR-88		

Geothermal Areas of Czechoslovakia,

GEOINDUSTRIA, PRAGUE

(CZECHOSLOVAKIA).

W74-08982

7-04 7C

GENERAL ELECTRIC CO., PHILADELPHIA,

ERTS-1 Data Product Preformance,

PA. SPACE SYSTEMS DIV.

W74-01664

GEOGRAPHY.

W74-03513

Forced Flow Passages in Karst Massifs,

7-18 2E

Use of Base-Runoff Recession Curves to

Determine Areal Transmissivities in the Upper

Potomac River Basin,

W74-09740

GENERAL ELECTRIC CO., PHILADELPHIA, RE-ENTRY AND ENVIRONMENTAL SYSTEM DIV. Pressure Sewer Demonstration at The Borough	GEOLOGICAL SURVEY. Hydrograph Simulation Models of the Hill- sborough and Alafia Rivers, Florida: A Prelimi- nary Report,	GEOLOGICAL SURVEY, ANCHORAGE, ALASKA. Field Water-Quality Information Along the Proposed Trans-Alaska Pipeline Corridor, Sep- tember 1970 Through September 1972,
of Phoenixville, Pennsylvania, W74-00153 7-01 5D	W74-01611 7-03 4A	W74-04054 7-08 5A
GENERAL ELECTRIC CO., SANTA BARBARA, CALIF. CENTER FOR ADVANCED STUDIES. Polluted Groundwater: Some Causes, Effects, Controls, and Monitoring. W74-07615 7-15 5B	GEOLOGICAL SURVEY, AIKEN, S.C. Buried Triassic Basin in the Central Savannah River Area, South Carolina and Georgia, W74-07916 7-15 2F GEOLOGICAL SURVEY, AIKEN, S.C.,	Road Log and Guide-Geology and Hydrology for Planning, Anchorage Area. W74-08180 7-16 4A Aquatic Organisms from Selected Sites Along
Polluted Groundwater: A Review of the Significant Literature,	SAVANNAH RIVER PLANT. Computing the Barometric Efficiency of a Well,	the Proposed Trans-Alaska Pipeline Corridor, September 1970 to September 1972, W74-08369 7-16 21
W74-11800 7-22 5B	W74-03167 7-06 8B	Geology and Water Resources of the Gird-
GENERAL ELECTRIC CO., SCHENECTADY, N.Y. (ASSIGNEE). Wastewater Treatment Using Electrolysis with Activated Carbon Cathode, W74-09729 7-18 5D	GEOLOGICAL SURVEY, ALBANY, N.Y. Water Resources Data for New York, 1972: Part 1. Surface Water Records. W74-00825 7-02 7C	wood-Alyeska Area, Alaska, W74-08595 7-16 4B Small-Stream Flood Investigations in Alaska, A Compilation of Peak Data, May 1963 to Sep-
	Effects of Migratory Waterfowl on Water	tember 1972, W74-09218 7-17 2E
GENERAL ELECTRIC CO., ST. PETERSBURG, FLA. NEUTRON DEVICES DEPT. Environmental Monitoring Report, 1972, Pinel- las Plant, St. Petersburg, Florida.	Quality at the Montezuma National Wildlife Refuge, Seneca County, New York, W74-02733 7-06 5B	Flood Survey at Proposed Taps Crossing of Yukon River near Stevens Village, Alaska, W74-09405 7-18 4C
W74-09842 7-19 5A	Chemical Quality of Surface Water in the East-	Water-Table Contour Map, Anchorage Area,
GENERAL ELECTRIC CORPORATE RESEARCH AND DEVELOPMENT,	ern Oswego River Basin, New York, W74-03817 7-08 5A	Alaska, W74-10436 7-20 7C
SCHENECTADY, N.Y. Computerized Digital Data Acquisition System for Thermogravimetry and Similar Applica-	Chemical Quality of Streams, Allegheny River Basin and Part of the Lake Eric Basin, New York.	Geology and Groundwater for Land-use Planning in the Eagle River-Chugiak Area,
tions, W74-02977 7-06 2K	W74-04593 7-09 2K	Alaska, W74-11982 7-22 4B
A Survey of Prediction Intervals and Their Applications,	Water Resources Data for New York, 1972: Part 2. Water Quality Records. W74-05931 7-11 2E	Flood Surveys Along Taps Route, Alaska, W74-13198 7-24 2E
W74-03858 7-08 7C		GEOLOGICAL SURVEY, ARLINGTON, VA.
Colorimetric Determination of Boron in Aque- ous Solutions and in Borosilicate Glass by Sol- vent Extraction,	Water Resources Investigations in New York, 1973. W74-07188 7-14 7C	Remote Sensing of Turbidity Plumes in Lake Ontario, W74-02601 7-05 7B
W74-03862 7-08 5A	Ground-Water Resources, Allegheny River	
GENERAL ELECTRICITY GENERATING BOARD, SOUTHAMPTON (ENGLAND). MARINE BIOLOGICAL LAB.	Basin and Part of The Lake Erie Basin, New York, W74-08380 7-16 2F	GEOLOGICAL SURVEY, ATLANTA, GA. Dewatering of the Clayton Formation During Construction of the Walter F. George Lock and Dam, Fort Gaines, Clay County, Georgia,
Trace Metals in Sediments and Bivalve Mol- lusca in Southampton Water and the Solent,	Comparison of Bacterial and Phytoplankton	W74-03819 7-08 4B
W74-11288 7-21 5B	Populations Under Natural and Laboratory Conditions,	Evaluation of Ground-Water Data, W74-05119 7-10 4B
GENERAL FOODS CORP., BATTLE CREEK,	W74-13182 7-24 5C	Hydrology and Chloride Contamination of the
MICH. POST DIV. RESEARCH. Direct Fluorescent-Antibody Technique for the Microbiological Examination of Food and En-	GEOLOGICAL SURVEY, ALBANY, N.Y.; AND NEW YORK STATE MUSEUM AND SCIENCE	Principal Artesian Aquifer in Glynn County, Georgia,
vironmental Swab Samples for Salmonellae, W74-03569 7-07 5A	SERVICE, ALBANY. Evaluation of ERTS-1 Imagery for Geological Sensing Over the Diverse Geological Terranes	W74-07919 7-15 2F GEOLOGICAL SURVEY, AUSTIN, TEX.
GENESEE/FINGER LAKES REGIONAL PLANNING BOARD, ROCHESTER, N.Y.	of New York State, W74-01690 7-04 7C	Artificial-Recharge Experiments and Opera- tions on the Southern High Plains of Texas and
Analysis of Port Development Potentials at	GEOLOGICAL SURVEY, ALBANY, N.Y.	New Mexico, W74-00325 7-01 4B
Great Sodus Bay. W74-01039 7-02 6B	WATER RESOURCES DIV.	Drainage Areas of Texas Streams, Lavaca
GENEVA UNIV. (SWITZERLAND). DEPT. OF	World's Greatest Source of Fresh Water, W74-07643 7-15 2H	River Basin. W74-00548 7-01 2E
INORGANIC AND ANALYTICAL CHEMISTRY. Phosphorimetric Determination of Traces of	GEOLOGICAL SURVEY, ALBUQUERQUE, N.	Selected Water-Quality Records for Texas Sur-
Boron, W74-06755 7-13 5A	MEX. Flood of July 17, 1972 in Gallup, New Mexico,	face Waters, 1971 Water Year, W74-01086 7-02 7C
GENOA UNIV. (ITALY). INST. OF	W74-06267 7-12 2E	Quantity and Chemical Quality of Low Flow in

Flood of September 3, 1972, in Hillsboro, New

Mexico.

W74-06299

7-07 2J

Quantity and Chemical Quality of Low Flow in

the Upper Colorado River Basin, Texas, April

8. 1968.

W74-01090

7-12 2E

Hydrologic Data for Pin Oak Creek, Trinity River Basin Texas, 1972,

7-21 7C

W74-11743

GEOLOGICAL SURVEY, AUSTIN, TEX.

Annual Compilation and Analysis of Hydrolog-	Flood Stages and Discharges for Small Streams	Hydrologic Data for Little Pond Creek and
ic Data for North Creek, Trinity River Basin,	in Texas, W74-05107 7-10 2E	North Elm Creek, Brazos River Basin, Texas, 1972.
Texas, 1971, W74-01884 7-04 4D		W74-11733 7-22 2E
	Ground-Water Data for Harris County, Texas:	Water Lands Date for Maker Continue to the Date
Water Resources Data for Texas, 1971: PART	Volume IIRecords of Wells, 1892-1972, W74-05527 7-11 4B	Hydrologic Data for Urban Studies in the Fort
2. Water Quality Records. W74-01885 7-04 7C	W 14-03321 7-11 4B	Worth, Texas, Metropolitan Area, 1972, W74-11737 7-22 2F
W/4-01863	Ground-Water Data for Harris County, Texas:	W/4-11/3/
Annual Compilation and Analysis of Hydrolog-	Volume IIIChemical Analyses of Water from	Groundwater Resources of Brazos and Bur-
ic Data for Pin Oak Creek, Trinity River Basin,	Wells, 1922-71,	leson Counties, Texas,
Texas, 1971,	W74-05528 7-11 4B	W74-11994 7-22 4B
W74-01889 7-04 4D	Annual Compilation and Analysis of Hydrolog-	. Note that the Continue Marketine of
Annual Compilation and Analysis of Hydrolog-	ic Data for Deep Creek, Colorado River Basin,	A Network for Continuous Monitoring of
ic Data for Little Pond Creek and North Elm	Texas, 1971,	Water Quality in the Trinity River Basin, Texas,
Creek, Brazos River Basin, Texas, 1971,	W74-05851 7-11 2E	W74-11995 7-22 5B
W74-01950 7-04 4D	Index of Surface Water Stations in Texas, Oc-	
Annual Compilation and Analysis of Hydrolog-	tober 1973.	Hydrologic Data for Cow Bayou Brazos River
ic Data for Honey Creek, Trinity River Basin,	W74-06279 7-12 7C	Basin Texas, 1972,
Texas, 1971,		W74-11999 7-22 7C
W74-01951 7-04 4D	Annual Compilation and Analysis of Hydrolog-	Hydrologic Data for Little Elm Creek, Trinity
	ic Data for Urban Studies in the Dallas, Texas Metropolitan Area, 1971,	River Basin, Texas, 1972,
Annual Compilation and Analysis of Hydrolog-	W74-06288 7-12 2A	W74-12055 7-23 7C
ic Data for Cow Bayou, Brazos River Basin, Texas, 1971,	777-00200	
W74-02137 7-04 4D	Effects of Ground-Water Development on the	Drainage Areas of Texas Streams, Guadalupe
	Proposed Palmetto Bend Dam and Reservoir in	River Basin. W74-12060 7-23 7C
Ground-water Resources of Kleberg, Kenedy,	Southeast Texas, W74-06920 7-13 4B	W74-12060 7-23 7C
and Southern Jim Wells Counties, Texas,	W /4-00920 /-13 4B	Groundwater Pollution in the Vicinity of
W74-02138 7-04 4B	Water-Resources Investigations in Texas,	Toledo Bend Reservoir, Texas,
Water-Quality Records for Selected Reservoirs	Fiscal Year 1974.	W74-12641 7-23 5B
in Texas, 1970-71 Water Years,	W74-07321 7-14 2E	Mudeslasia Data for Ushan Studies in the
W74-02139 7-04 2K	Annual Compilation and Analysis of Hydrolog-	Hydrologic Data for Urban Studies in the Austin, Texas Metropolitan Area, 1972,
Annual Compilation and Analysis of Hydroles	ic Data for Urban Studies in the San Antonio,	W74-12653 7-23 7C
Annual Compilation and Analysis of Hydrolog- ic Data for Mukewater Creek, Colorado River	Texas Metropolitan Area, 1971,	
Basin Texas, 1971,	W74-07323 7-14 2E	GEOLOGICAL SURVEY, AUSTIN, TEX.
W74-02140 7-04 4D	Estimating the Magnitude of Peak Discharges	WATER RESOURCES DIV.
Construction Bossess of Blanca County	for Selected Flood Frequencies on Small	Annual Compilation and Analysis of Hydrolog-
Groundwater Resources of Blanco County, Texas.	Streams in East Texas,	ic Data for Little Elm Creek, Trinity River Basin, Texas, 1971,
W74-02141 7-04 4B	W74-07664 7-15 2E	W74-02477 7-05 2E
	Quality of Surface Waters in the Colorado	
Annual Compilation and Analysis of Hydrolog-	River Basin, Texas, 1966-72 Water Years,	Annual Compilation and Analysis of Hydrolog-
ic Data for Urban Studies in the Houston, Texas Metropolitan Area, 1971,	W74-07670 7-15 5B	ic Data for Calaveras and Escondido Creeks,
W74-02471 7-05 2E	Wands Phantachutes Alone the Coloredo	San Antonio River Basin, Texas, 1971, W74-02478 7-05 2E
	Woody Phreatophytes Along the Colorado River From Southeast Runnels County to the	W 14-02470
Groundwater Resources of Val Verde County,	Headwaters in Borden County, Texas,	Annual Compilation and Analysis of Hydrolog-
Texas,	W74-08371 7-16 3B	ic Data for Green Creek, Brazos River Basin,
W74-02620 7-05 2F		Texas, 1971,
Annual Compilation and Analysis of Hydrolog-	Ground-Water Resources of Duval County, Texas.	W74-02626 7-05 4D
ic Data for Elm Fork Trinity River, Trinity	W74-08372 7-16 4B	Pesticides in Selected Western Streams - 1968-
River Basin, Texas, 1971,		71,
W74-03818 7-08 2E	Reconnaissance of the Chemical Quality of	W74-06062 7-12 5A
Quantity and Chemical Quality of Low Flow in	Surface Waters of the Rio Grande Basin,	CEOLOGICAL SUBVEY BATON BOUGE LA
the East Fork San Jacinto and West Fork San	Texas, W74-08373 7-16 5B	GEOLOGICAL SURVEY, BATON ROUGE, LA. Water Resources of the Ruston Area, Loui-
Jacinto Rivers near Houston, Texas, June 24,		siana,
26, 1969,	Water Resources Data for Texas, 1973: Part 1.	W74-01921 7-04 4B
W74-04481 7-09 5B	Surface-Water Records.	
Effects of Urbanization on Floods in the Dal-	W74-10268 7-19 7C	Water Quality and Waste Assimilative Capacity
las, Texas, Metropolitan Area,	Hydrologic Data for North Creek Trinity River	of the Pearl River Below Bogalusa, Louisiana,
W74-04483 7-09 4C	Basin Texas, 1972,	W74-01922 7-04 5B
Ground-Water Data for Harris County, Texas:	W74-10640 7-20 7C	Availability of Ground Water in the Winnsboro
Volume I. Drillers' Logs of Wells, 1905-71.	Groundwater Discharge from the Edwards and	Area, Louisiana,
W74-04602 7-09 4B	Associated Limestones, San Antonio Area,	W74-04596 7-09 4B
Water Quality Becords for the Hubbard Court	Texas, 1973,	Time of Travel of Solutes in Mississippi River
Water Quality Records for the Hubbard Creek Watershed, Texas, October 1969-September	W74-11440 7-21 2F	from Baton Rouge to Pointe A La Hache, Loui-
1972,	Hydrologic Data for Mountain Creek, Trinity	siana,
W74-04606 7-09 5B	River Basin, Texas, 1972,	W74-10646 7-20 5B
Ground-Water Resources of the San Antonio	W74-11441 7-21 7C	Low-Flow Characteristics of Selected Streams

Hydrologic Data for Little Pond North Elm Creek, Brazos River B	Creek and asin, Texas,
1972, W74-11733	7-22 2E
Hydrologic Data for Urban Studies Worth, Texas, Metropolitan Area, 1 W74-11737	
Groundwater Resources of Brazo leson Counties, Texas, W74-11994	os and Bur- 7-22 4B
A Network for Continuous Mc Water Quality in the Trinity R Texas, W74-11995	
Hydrologic Data for Cow Bayou Basin Texas, 1972,	Brazos River
W74-11999	7-22 7C
Hydrologic Data for Little Elm Co River Basin, Texas, 1972, W74-12055	reek, Trinity 7-23 7C
Drainage Areas of Texas Streams	, Guadalupe
River Basin. W74-12060	7-23 7C
Groundwater Pollution in the Toledo Bend Reservoir, Texas,	Vicinity of
W74-12641	7-23 5B
Hydrologic Data for Urban Stu Austin, Texas Metropolitan Area, 1 W74-12653	
GEOLOGICAL SURVEY, AUSTIN, TEX. WATER RESOURCES DIV.	
Annual Compilation and Analysis of Data for Little Elm Creek, The Basin, Texas, 1971, W74-02477	
Annual Compilation and Analysis	
ic Data for Calaveras and Escondido Creeks, San Antonio River Basin, Texas, 1971,	
W74-02478	7-05 2E
Annual Compilation and Analysis ic Data for Green Creek, Brazos Texas, 1971,	of Hydrolog- River Basin,
W74-02626	7-05 4D
Pesticides in Selected Western Str 71,	reams - 1968-
W74-06062	7-12 5A
GEOLOGICAL SURVEY, BATON R Water Resources of the Ruston siana,	Area, Loui-
W74-01921	7-04 4B
Water Quality and Waste Assimila of the Pearl River Below Bogalusa W74-01922	
Availability of Ground Water in th	e Winnsboro
Area, Louisiana, W74-04596	7-09 4B
Time of Travel of Solutes in Mississippi River from Baton Rouge to Pointe A La Hache, Loui-	

7-22 2E

in the Sabine River Basin Downstream from Toledo Bend Reservoir,

W74-04992

Area, Texas: A Progress Report on Studies, 1960-1964,

7-10 4B

W74-11442

GEOLOGICAL SURVEY, BAY SAINT LOUIS, MISS. Concepts of Mathematical Modeling of Sedi-	A Progress Report on Results of Test-Drilling and Ground-Water Investigations of the Snake Plain Aquifer, Southeastern Idaho,	GEOLOGICAL SURVEY, COLUMBIA, S.C. Water Supply Evaluation and Proposed Com- prehensive Study of the Charleston-Bushy Park
ment Yield, W74-09905 7-19 2J	W74-05715 7-11 2F	Industrial Complex, South Carolina, W74-09389 7-18 2L
	A Ground-Water Monitoring Network for	GEOLOGICAL SURVEY, COLUMBUS, OHIO.
Simple Method for Predicting Dispersion in Streams,	Kootenai Flats, Northern Idaho, W74-07662 7-15 7A	Availability of Water from Limestone and
W74-10676 7-20 5B	Groundwater Occurrence and Movement in the	Dolomite Aquifers in Southwest Ohio and the Relation of Water Quality to the Regional Flow
Surface Jet Stream Excess Temperature Analysis,	Athol Area and the Northern Rathdrum Prairie, Northern Idaho,	System, W74-00336 7-01 4B
W74-11748 7-22 5B	W74-11730 7-22 2F	
Investigation of Diffusion in Open-Channel	GEOLOGICAL SURVEY, BOSTON, MASS.	Hydrodynamics of Mount Simon Sandstone, Ohio and Adjoining Areas,
Flows, W74-11972 7-22 2E	Groundwater Investigations in Permafrost Re-	W74-03235 7-07 5B
	gions of North America: A Review, W74-04391 7-09 2F	Regional Flow System and Ground-Water
GEOLOGICAL SURVEY, BAY ST. LOUIS, MISS.	Walden's Way Revealed,	Quality in Western Ohio, W74-13181 7-24 4B
Mechanics of Heat Transfer in Nonstratified	W74-06925 7-13 2H	GEOLOGICAL SURVEY, CORPUS CHRISTI,
Open-Channel Flows, W74-03792 7-08 5B	Ipswich River Basin Model Study,	TEX.
Discharge and Flow Distribution, Columbia	W74-07302 7-14 6D	Pseudo-Crosslamination Formed by Climbing Adhesion Ripples,
River Estuary,	Effect of Deicing Chemicals on Ground and	W74-04062 7-08 2J
W74-04172 7-08 5B	Surface Water(Modus Operandi), W74-07617 7-15 5B	Distribution and Movement of Suspended Sedi-
Desktop Computer Flow Routing, W74-09626 7-18 8B	Hydrologic Data of the Neponset and	ment in the Gulf of Mexico off the Texas Coast,
	Weymouth River Basins, Massachusetts,	W74-06672 7-13 2L
Multiple Linearization Flow Routing Model, W74-09627 7-18 8B	W74-09945 7-19 4A	Migration and Redistribution of Zinc and Cad-
Hydrogeologic Aspects of Structural Deforma-	Map Showing Availability of Groundwater,	mium in Marine Estuarine System, W74-09777 7-18 5B
tion in the Northern Gulf of Mexico Basin,	Warren Quadrangle, Massachusetts, W74-12632 7-23 7C	GEOLOGICAL SURVEY, DENVER, COLO.
W74-13179 7-24 2F	Map Showing Drainage Areas, Warren	Digital Model of the Hydrologic System,
GEOLOGICAL SURVEY, BILLINGS, MONT. Geology and Water Resources of Eastern Part	Quadrangle, Massachusetts,	Northern High Plains of ColoradoA Prelimi- nary Report.
of Judith Basin, Montana,	W74-12633 7-23 7C	W74-00330 7-01 2F
W74-06263 7-12 2F	GEOLOGICAL SURVEY, CARSON CITY, NEV.	Water in the San Luis Valley, South-Central
GEOLOGICAL SURVEY, BISMARCK, N.DAK.	Water-Resources Appraisal of Fish Lake Val- ley, Nevada and California,	Colorado, W74-00331 7-01 2A
Ground-Water Basic Data for Griggs and Steele Counties, North Dakota,	W74-02616 7-05 2A	
W74-02776 7-06 2F	A Brief Water-Resources Appraisal of the	Water-Level Records, 1969-73, and Hydrogeologic Data for Baca and Southern
Ground-Water Resources of McLean County,	Truckee River Basin, Western Nevada, W74-04047 7-08 4A	Prowers Counties, Colorado, W74-00332 7-01 2F
North Dakota, W74-07313 7-14 2F	A Reconnaissance of Streamflow and Fluvial	
Groundwater Basic Data for Adams and Bow-	Sediment Transport, Incline Village Area, Lake	Analytical Solutions to the One-Dimensional Nonlinear Diffusion Equation for Flow
man Counties, North Dakota,	Tahoe, Nevada, Second Progress Report 1971, W74-04050 7-08 2J	Through Porous Media, W74-00365 7-01 2F
W74-11024 7-21 2F	Estimating Flood Discharges in Nevada Using	
GEOLOGICAL SURVEY, BLOOMINGTON, IND.	Channel-Geometry Measurements,	Application of ERTS-1 Multispectral Imagery to Monitoring the Present Episode of Ac-
Fracture Mapping and Strip Mine Inventory in	W74-11742 7-22 4A	celerated Erosion in Southern Arizona, W74-01696 7-04 2J
the Midwest by Using ERTS-1 Imagery, W74-02571 7-05 7B	GEOLOGICAL SURVEY, CHAMPAIGN, ILL.	
	Magnitude and Frequency of Floods in Illinois, W74-06271 7-12 2E	A Study of Morphology, Provenance, and Movement of Desert Sand Seas in Africa, Asia,
Strontium and Other Notable Chemical Con- stituents of Well-Water of Allen County, Indi-		and Australia, W74-01697 7-04 7C
ana, W74-07400 7-14 2K	Summary of Water-Level and Pumpage Data in	
	the Cheyenne and Federal Municipal Well Fields, April 1, 1972 to April 2, 1973,	Mapping Quaternary Landforms and Deposits in the Midwest and Great Plains by Means of
GEOLOGICAL SURVEY, BOISE, IDAHO. A Reconnaissance of the Water Resources in	Cheyenne, Wyoming,	ERTS-1 Multispectral Imagery, W74-01702 7-04 7C
the Pahsimeroi River Basin, Idaho, W74-00356 7-01 2E	W74-06369 7-12 4B	Assessment of Flood Damage in Arizona by
	Records of Ground-Water Levels in Wyoming, 1940-1971,	Means of ERTS-1 Imagery,
An Evaluation of Water-Quality Data Obtained at Four Streamflow Daily-Record Stations in	W74-07186 7-14 4B	W74-02592 7-05 7B
Idaho,	Records of Water Wells, Springs, Oil- and Gas-	Role of Borehole Geophysics in Underground
W74-03507 7-07 5A	Test Holes, and Chemical Analyses of Water	Waste Storage and Artificial Recharge, W74-03229 7-07 5E
Suspended and Bedload Sediment Transport in the Snake and Clearwater Rivers in the Vicinity	for the Madison Limestone and Equivalent Rocks in the Powder River Basin and Adjacent	Case History of Subsurface Waste Injection of
of Lewiston, Idaho, W74-04846 7-09 2J	Areas, Northeastern Wyoming,	an Industrial Organic Waste,
17-04040 7-09 23	W74-08296 7-16 4B	# 14-03243 /-U/ SE

GEOLOGICAL SURVEY, DENVER, COLO.

Water-Level Declines and Ground-Water	Chert Derived from Magadiite in a Lacustrine	GEOLOGICAL SURVEY, GRAND FORKS, N.
Quality, Upper Black Squirrel Creek Basin, Colorado,	Deposit Near Rome, Malheur County, Oregon, W74-13184 7-24 2J	DAK. Geology of Mercer and Oliver Counties, North
W74-03808 7-08 4B		Dakota,
Borehole Geophysics as Applied to Ground-	GEOLOGICAL SURVEY, DENVER, COLO. OFFICE OF ENERGY RESOURCES.	W74-01887 7-04 4B
water,	Determination of Organic Carbon in Modern	Geology of Burke County, North Dakota,
W74-05118 7-10 4B	Carbonate Sediments,	W74-01923 7-04 2F
Storm of May 5-6, 1973, in the Denver Metro	W74-04059 7-08 2J	Geology of Mountrail County, North Dakota,
Area: Frequency and Effect, W74-05171 7-10 2E	GEOLOGICAL SURVEY, DENVER, COLO.	W74-02145 7-04 2F
W74-05171 7-10 2E	WATER RESOURCES DIV.	GEOLOGICAL SURVEY, HARRISBURG, PA.
Hydrologic Data from the Piceance Basin,	Stability Field Diagrams as Aids in Iron Chemistry Studies,	Near Real Time Water Resources Data for
Colorado. W74-06714 7-13 4B	W74-04163 7-08 2K	River Basin Management, W74-01150 7-03 4A
	Approximating Soil Moisture Characteristics	
Geologic and Hydrologic Background for Selecting Site of Pilot-Plant Repository for	from Limited Data: Empirical Evidence and	Preliminary Analysis of ERTS-Relayed Water- Resources Data in the Delaware River Basin,
Radioactive Waste,	Tentative Model,	W74-02595 7-05 7B
W74-06820 7-13 5B	W74-09901 7-19 2G	Physical, Chemical, and Biological Charac-
Comparison of Conditional Stability Constants	GEOLOGICAL SURVEY DEPT.,	teristics of Conewago Lake Drainage Basin,
of North Carolina Humic and Fulvic Acids with Co(II) and Fe(III),	GEORGETOWN (GUYANA). Erosion of Tidal Flats Near Georgetown,	York County, Pennsylvania,
W74-07228 7-14 5B	British Guiana,	W74-06259 7-12 5C
Location and Characteristics of the Interface	W74-01216 7-03 2J	Flood of September 1971 in Southeastern
Between Brine and Fresh Water from	GEOLOGICAL SURVEY, DORAVILLE, GA.	Pennsylvania, W74-06354 7-12 2E
Geophysical Logs of Boreholes in the Upper	Water Resources Data for Georgia, 1973.	
Brazos River Basin, Texas, W74-07859 7-15 8B	W74-09116 7-17 7C	Water Resources of Lehigh County, Pennsyl-
	Some Aspects of Aquatic Insect Populations of	vania, W74-07649 7-15 4A
Transit Losses and Travel Times for Reservoir Releases. Upper Arkansas River Basin,	Pools and Riffles in Gravel Bed Streams in	
Colorado,	Western United States,	The Use of ERTS-1 for Relaying Hydrologic Data in the Delaware River Basin.
W74-07931 7-15 4A	W74-09919 7-19 2E	W74-08583 7-16 7B
Uranium, Thorium, and Lead Concentrations	GEOLOGICAL SURVEY, DOVER, DEL.	Progress Report on the Effect of Ground-Water
in Three Silicate Standards and a Method of	Hydrology of the Columbia (Pleistocene)	Conditions on Local Flooding in the Kingston
Lead Isotopic Analysis, W74-07947 7-15 2K	Deposits of Delaware: An Appraisal of a Re- gional Water-Table Aquifer,	Area, Pa.,
	W74-11993 7-22 4B	W74-09366 7-18 4B
An Instrumental Technique for the Determina- tion of Sub-Microgram Concentrations of Mer-	GEOLOGICAL SURVEY, EDGEWATER, MD.	Summary Ground-Water Resources of Beaver
cury in Soils, Rocks, and Gas,	Changes in Oxygen and Primary Production of	County, Pennsylvania, W74-13200 7-24 4B
W74-07948 7-15 2K	the Patuxent Estuary, Maryland, 1963 Through	
Determination of Mercury in Vegetation with	1969, W74-09624 7-18 5B	Summary Ground-Water Resources of Washington County, Pennsylvania,
Dithizone - A Single Extraction Procedure,		W74-13201 7-24 4B
W74-07949 7-15 5A	GEOLOGICAL SURVEY, FLAGSTAFF, ARIZ. The Use of Photographic Methods in Contrast	Summary Ground-Water Resources of West-
Water-Level Records for the Northern High	Enhancement of ERTS-1 Images,	moreland County, Pennsylvania,
Plains of Colorado, 1970-74, W74-08381 7-16 4B	W74-06704 7-13 7C	W74-13202 7-24 4B
	GEOLOGICAL SURVEY, FORT COLLINS,	Summary Ground-Water Resources of Butler
Rates of Salt Solution in the Permian Basin, W74-08608 7-16 2K	COLO.	County, Pennsylvania,
	Suspended-Sediment Sampling Variability,	W74-13203 7-24 4B
Occurrence of Dissolved Organic Carbon in Selected Ground-Water Samples in the United	W74-03801 7-08 2J	Summary Ground-Water Resources of Al-
States,	Field Studies of Sediment Movement Using	legheny County, Pennsylvania,
W74-09917 7-19 5B	Fluorescent Tracers,	W74-13204 7-24 4B
Rangeland Hydrology,	W74-11544 7-22 2J	Summary Ground-Water Resources of Arm-
W74-10682 7-20 4A	GEOLOGICAL SURVEY, GARDEN CITY, KAN.	strong County, Pennsylvania, W74-13205 7-24 4B
Electric and Caliper Logs as Lithologic Indica-	Hydrogeologic Data from Greeley, Wichita, Scott and Lane Counties, Kansas,	
tors in Volcanic Rocks, Nevada Test Site,	W74-12068 7-23 4B	GEOLOGICAL SURVEY, HARRISBURG, PA. WATER RESOURCES DIV.
W74-10836 7-20 8G	GEOLOGICAL SURVEY, GARDEN CITY,	Summary Ground-Water Resources of Clarion
Applications of Inhole Geophysical Logs in	KANS.	County, Pennsylvania, W74-01721 7-04 4B
Volcanic Rocks, Nevada Test Site, W74-10846 7-20 8G	Water-Level Changes in Northwestern Kansas,	W74-01721 7-04 4B
	1950-73, W74-09194 7-17 4B	GEOLOGICAL SURVEY, HARTFORD, CONN. Plume Development in Long Island Sound Ob-
Meteoric Water in Magmas	17 (4-U2124 /-1/ 4B	riune Development in Long Island Sound Ob-

GEOLOGICAL SURVEY, GARDEN GROVE,

Effects of Waste Percolation of Groundwater

in Alluvium Near Barstow, California,
7-07 5E

7-23 7C

Plume Development in Long Island Sound Ob-Plume Development in Long served by Remote Sensing (ERTS-1),
7-13 2L

Map Showing Depth to Bedrock, Hartford

South Quadrangle, Connecticut,

W74-12627

W74-11112

Colorado,

W74-11741

Meteoric Water in Magmas,

Digital Model of the Ogallala Aquifer of the

Northern Part of the Northern High Plains of

7-21 2K

7-22 2F

CALIF.

GEOLOGICAL SURVEY, LINCOLN, NEBR.

Contour Map of the Bedrock Surface, Tariff-	GEOLOGICAL SURVEY, IDAHO FALLS,	Summary of Chemical and Radiochemical
ville Quadrangle, Connecticut-Massachusetts, W74-12628 7-23 7C	Geochemistry of Water at the National Reactor	Monitoring of Water for the Cannikin Event, Amchitka Island, Alaska, Fiscal Year 1972, W74-00547 7-01 5B
Map Showing Depth to Bedrock, Old Lyme		Proposed Water-Resources and Land-Capabili-
Quadrangle, Connecticut, W74-12629 7-23 7C	W74-08962 7-17 5B	ty Investigation, Arusha Region, Tanzania,
Contour Map of the Bedrock Surface, Glaston-	GEOLOGICAL SURVEY, INDIANAPOLIS, IND. Bibliography of Reports on the Water	W74-02627 7-05 2A
bury Quadrangle, Connecticut,	Resources of Indiana Prepared by the U.S.	Water Resources Data for Colorado, 1972: Part 1. Surface-Water Records.
W74-12630 7-23 7C	Geological Survey, 1886-1972, W74-00814 7-02 2E	W74-02724 7-06 7C
Contour Map of the Bedrock Surface, Ellington	Hydrogeology of the Principal Aquifers in Sul-	Determination of the Association and Dissocia-
Quadrangle, Connecticut, W74-12631 7-23 7C	" 10 0 1 1 1	tion of Humic Acid Fractions by Small Angle X-Ray Scattering, W74-02730 7-06 2K
GEOLOGICAL SURVEY, HARTFORD, CONN.	U.S. Geological Survey Water Quality Pro-	
WATER RESOURCES DIV. Wetland Hydrology,	gram, Indiana District,	Fluorescent Spectroscopy, A Technique for Characterizing Surface Films,
W74-08163 7-16 2L	W74-11734 7-22 5A	W74-02731 7-06 5A
GEOLOGICAL SURVEY, HELENA, MONT. Evaluation of the Ground-Water Supply a	Dasin, Indiana,	Effect of Mine Drainage on the Quality of Streams in Colorado, 1971-72, W74-09228
Eight Sites in Glacier National Park Northwestern Montana,	W74-11736 7-22 4B	
W74-04469 7-09 2F	Floods in Iowa: Technical Manual for Estimat-	Hydraulic Testing and Sampling of Holes RB- E-01 and RB-D-01, Project Rio Blanco, Rio Blanco County, Colorado,
Evaluation and Simulation of Chemical-Quality Data for Five Montana Sampling Stations.	ing Their Magnitude and Frequency, W74-03805 7-08 4A	W74-09601 7-18 4B
W74-04484 7-09 2K		Modeling Flow and Chemical Quality Changes
Appraisal of the Quality of Ground Water in	Hydrogeologic Considerations in Solid Waste Storage in Iowa: Part 1. Sanitary Landfill Site	in an Irrigated Stream-Aquifer System, W74-09883 7-19 5B
the Helena Valley, Montana,	Selection: Part 2. A Method of Hazardous and	
W74-06269 7-12 21 Annual Peak Discharges from Small Drainage	W74-04592 7-09 5E	GEOLOGICAL SURVEY, LAKEWOOD, COLO. WATER RESOURCES DIV. Hydrogeologic Characteristics of the Valley-
Areas in Montana, Through September 1972,	Mississippian Aquifer of Iowa,	Fill Aquifer in the Weldona Reach of the South
W74-07667 7-15 2E	W74-04843 7-09 7C	Pfatte River Valley, Colorado, W74-01142 7-03 4B
GEOLOGICAL SURVEY, HONOLULU,	GEOLOGICAL SURVEY, JACKSON, MISS.	GEOLOGICAL SURVEY, LANSING, MICH.
HAWAII. Water Resources Summary, Island of Hawaii, W74-00355 7-01 2F	A Hydrologic Reconnaissance of the Pascagou- la River Estuary, Mississippi, W74-03094 7-06 2L	Hydrology and Recreation on the Cold-Water Rivers of Michigan's Upper Peninsula,
An Investigation of Floods in Hawaii Through	Floods of the 1970 and 1971 Water Years in	W74-11986 7-22 6B
September 30, 1973,	Mississippi,	Groundwater and Geology of Baraga County, Michigan,
W74-07185 7-14 2B		W74-11987 7-22 4B
GEOLOGICAL SURVEY, HONOLULU,	Hydraulic Performance of BridgesExcava- tions at Bridges,	GEOLOGICAL SURVEY, LAWRENCE, KANS.
HAWAII. WATER RESOURCES DIV. Hydrology and Sediment Transport, Moanalus	W74-04482 7-09 8B	Geology and Ground-water Resources of Rush County, Central Kansas,
Valley, Oahu, Hawaii,	Acker Lake Landslide, Monroe County, Mis-	W74-00352 7-01 4B
W74-00354 7-01 21	sissippi, W74-04862 7-10 2J	Water Turbidity Detection Using ERTS-1
GEOLOGICAL SURVEY, HOUSTON, TEX.		Imagery,
Data on Fresh-Water Inflow, April 14-July 28 1973, For Analog-Model Study of the Houston		W74-02582 7-05 7B
Ship Channel, Houston, Texas,	Webster, and Yalobusha Counties, Mississippi,	Ground Water in the Kansas River Valley, Junction City to Kansas City, Kansas,
W74-07921 7-15 70	W74-05525 7-11 3E	W74-05848 7-11 4B
GEOLOGICAL SURVEY, HURON, S. DAK. Statement of Progress on Investigation and	Groundwater Resources of Yellow Creek State Inland Port Area, Tishomingo County, Missis-	Ground-Water Levels in Observation Wells in Kansas, 1966-70,
Analysis of Flood Hydrographs from Smal	sippi, W74-12059 7-23 4B	W74-07650 7-15 7C
Drainage Basins in South Dakota, W74-03821 7-08 4/	GEOLOGICAL SURVEY, JACKSON, MISS.	Geology and Hydrology of Rice County, Central Kansas,
GEOLOGICAL SURVEY, IDAHO FALLS, IDAHO.	WATER RESOURCES DIV. Water in Mississippi,	W74-10408 7-20 4B
Radioactive- and Chemical-Waste Transport is	W74-02122 7-04 4A	GEOLOGICAL SURVEY, LINCOLN, NEBR.
Groundwater at National Reactor Testing Sta	GEOLOGICAL SURVEY, LARLELAND, COLO.	Selenium in Nebraska's Groundwater and Streams,
tion, Idaho: 20-Year Case History and Digita Model,	Technical Aid for Hydrologic Studies in Spanish-Speaking Countries,	W74-03813 7-08 5B
W74-03233 7-07 51	W74-00202 7-01 10A	Characteristics of Streamflow at Gaging Sta-
Digital Modeling of Radioactive and Chemica Waste Transport in the Snake River Plai		tions in the Loup River Basin, Nebraska, W74-04794 7-09 2E
Aquifer at the National Reactor Testing Sta	Five Exploratory Holes, Piceance Creek Basin,	Water Resources Data for Nebraska, 1972: Part
tion, Idaho, W74-11439 7-21 51	Colorado, 8 W74-00299 7-01 2F	I. Surface-Water Records, W74-07647 7-15 7C

GEOLOGICAL SURVEY, LINCOLN,	NEBR.	
Drainage Area and River Mileage		
Streams: Part 1Salt and We	eping W	ater
Creeks, Big and Little Nemaha	Rivers,	and
Minor Streams in Southeastern Ne		
W74-07669	7-15	2E
Groundwater Levels in Nebraska,	1973.	
W74-08367	7-16	4R
11 /4-00507		
GEOLOGICAL SURVEY, LITTLE		
Clogging in Recharge Wells, Cause		
W74-03824	7-08	4B
Digital-Computer Programs for	Analysis	of
Ground-Water Flow,		
W74-09115	7-17	2F
GEOLOGICAL SURVEY, LOUISVI		
The Hydrology of the Lexington	and Fay	ette
County, Kentucky Area,		
W74-11201	7-21	4A
GEOLOGICAL SURVEY, LOUISVI WATER RESOURCES DIV.	LLE, KY	
Regression Techniques for E	stimation	of
Sulfate in Streams Draining an		
by Coal Mining.		
W74-05125	7-10	5B
GEOLOGICAL SURVEY, LUBBOO		
Artificial RechargeState of the A		
W74-03354	7-07	4B
Laboratory Facility for Studies I	Related to	Ar-
W74-03360	7-07	4D
W /4-03300	7-07	4.5

W74-09091	ile .		17	4B
			-	713
GEOLOGICAL SURVEY, MAD	ISC	ON, WI	S.	
Hydrologic Characteristics	of	Alder	Cr	eek,
Iron County, Wisconsin,				

7-10 4A

Artificial Decharge State of the Art

W74-04920

GEOLOGICAL SURVEY, MCLEAN, VA. Progress in Cartography, Eros Program, W74-06621 7-13 7C

GEOLOGICAL SURVEY, MENLO ARK, CALIF. Erosion and Sediment Yields in Mountain Watersheds of the Transverse Ranges, Ventura and Los Angeles Counties California--Analysis of Rates and Processes. W74-12652 7-23 2J

GEOLOGICAL SURVEY, MENLO PARK, CALIF.

Silica-Carbonate Alteration of Serpentine: Wall Rock Alteration in Mercury Deposits of the California Coast Ranges, W74-00304 7-01 2K

Dispersion-Affected Transport of Reacting Solutes in Saturated Porous Media: Galerkin Method Applied to Equilibrium-Controlled Exchange in Unidirectional Steady Water Flow. W74-00364 7-01 5B

Nitrogen Compounds in Natural Water--A Review W74-00402 7-01 5B

Literature on Mercury: Availability of English Translations, 7-03 5A

Preliminary Geologic Application of ERTS-1 Imagery in Alaska, W74-01693 7-04 7C

Bolinas	Lago	on,	Marin	Co	unty,	Califor	rnia,
Summary	of	Sec	limenta	tion	and	Hydrol	ogy,
1967-69, W74-0229	96					7-05	2L

Retention of Dissolved Constituents of Waste by Geologic Membranes, W74-03238 7-07 5B

Groundwater Data in Santa Barbara and Southern San Luis Obispo Counties, California, Spring 1970 to Spring 1973,

Mapping and Predicting Permafrost in North America: A Review, 1963-1973, 7-09 2C W74-04398

Geology Permafrost-Related Engineering Problems Posed by the Trans-Alaska Pipeline, W74-04416 7-09 RD

Mixture, a Computer Program for the Calculation of Hot Water Temperature and Mixing Fractions of Large Volume Warm Springs of Mixed Water Origin,

Base of Fresh Ground Water--Approximately 3.000 Micromhos--in the Sacramento Valley and Sacremento-San Joaquin Delta, California, W74-05553

Water-Management Problems Related to Groundwater Rights in the Southwest, 7-11 4B W74-05683

Flood Prone Areas in the San Francisco Bay Region, California, W74-06275

Occurrence and Analysis of Petroleum Hydrocarbons in the Aquatic Environment, 7-12 5A W74-06289

Ground-Water Hydrology of Northern Napa Valley, California, W74-06880 7-13 2F

Determination of Chlorinated Insecticides in Suspended Sediment and Bottom Material, W74-07317 7-14 5A

Data for Municipal Wells in the City of Modesto, California, W74-07320 7-14 4B

Sediment Discharge in the Lake Tahoe Basin, California, 1972 Water Year, W74-07326 7-14 2J

Packing-Induced Radial Particle-Size Segregation: Influence on Hydrodynamic Dispersion and Water Transfer Measurements. W74-07630

A Simply Constructed and Adjustable Mercury Vapor Cell Mount. W74-08379 7-16 7B

Radial Particle-Size Segregation During Packing of Particulates into Cylindrical Containers. W74-08447

Digital Simulation of the Effects of Urbanization on Runoff in the Upper Santa Ana Valley, California. W74-08598 7-16 4C

WATEQ, A Computer Program for Calculating Chemical Equilibria of Natural Waters, 7-16 2K W74-08606

Sediment Discharge in the Trinity River Basin, California. W74-09225 7-17 23

Ground-Water Data, 1972, Indian Wells Valley, California. W74-09352 7-18 4B

The Effect of Proposed Deepening of the John F. Baldwin and Stockton Ship Channels on Salt-Water Intrusion, Suisun Bay and Sacramento-San Joaquin Delta Areas, California, 7-18 5B W74-09408

Geology and Quality of Water in the Modesto-Merced Area, San Joaquin Valley, California, with a Brief Section on Hydrology, 7-18 4A W74-09605

Geochemical Indicators of Subsurface Temperature--Part 1, Basic Assumptions, W74-09914 7-19 2K

Geochemical Indicators of Subsurface Temperature--Part 2, Estimation of Temperature and Fraction of Hot Water Mixed with Cold Water. W74-09915 7-19 2K

The Calculation of Aquifer Chemistry in Hot-Water Geothermal Systems, W74-09916

Floods from Small Drainage Areas in California--A Compilation of Peak Data, October 1958 to September 1973, W74-09940

Strudel Scour: A Unique Arctic Marine Geologic Phenomenon, 7-20 2J W74-10374

Filter Pore-Size Effects on the Analysis of Al, Fe, Mn, and Ti in Water, W74-11421

Studies of the Inner Shelf and Coastal Sedimentation Environment of the Beaufort Sea from ERTS-1. W74-11728

Feasibility of Digital Water-Quality Modeling Illustrated by Application at Barstow, California. W74-11750 7-22 5B

A Water-Quality Reconnaissance of Big Bear

Lake, San Bernardino County, California, 1972-73. W74-11753 7-22 SB

Erosion Processes, Fluvial Sediment Transport and Reservoir Sedimentation in a Part of the Newell and Zayante Creek Basins, Santa Cruz County, California, 7-22 21

Availability of Data on Surface-Water Quantity and Quality for the San Francisco Bay Region, California, with a Summary of Beneficial Uses and Implications for Land Use. W74-11980 7-22 7C

W74-11758

Aerial Observations of Suspended-Sediment Plumes in San Francisco Bay and the Adjacent Pacific Ocean,

Distribution of Chlorinated Hydrocarbons in Stream-Bottom Material, W74-13183 7-24 5B

GEOLOGICAL SURVEY, PORTLAND, OREG.

	W	
Reconnaissance Study of Selected Nutrients,	Water Availability in Mobile County, Alabama,	GEOLOGICAL SURVEY OF SWEDEN,
Pesticides, and Trace Elements in the Eel,	W74-03811 7-08 4B	STOCKHOLM. Variation of Groundwater Levels and a Calcu-
Salinas, and Santa Ana Rivers, California, Oc- tober 1971 Through July 1972,	GEOLOGICAL SURVEY OF ALBAMA,	lation of the Effective Fissure Porosity at the
W74-13195 7-24 5B	UNIVERSITY. LIMESTONE HYDROLOGY	File Hajdar, Gotland,
W/4-15125	SECTION.	W74-04260 7-08 2F
GEOLOGICAL SURVEY, MENLO PARK,	Retention Basin Failures in Carbonate Ter-	
CALIF. GEOLOGIC DIV.	ranes,	Fluorimetric Method for the Determination of
Enthalp, A Computer Program for the Calcula-	W74-05337 7-10 5B	Uranium in Natural Waters,
tion of Aquifer Chemistry in Hot-Water	CROLOGICAL SUBVEY OF CANADA	W74-05240 7-10 5A
Geothermal Systems, W74-00532 7-01 2F	GEOLOGICAL SURVEY OF CANADA,	GEOLOGICAL SURVEY, OKLAHOMA CITY,
W74-00532 7-01 2F	OTTAWA (ONTARIO). The Application of Shallow Seismic Methods to	OKLA.
GEOLOGICAL SURVEY, MENLO PARK,	Mapping of Frozen Surficial Materials.	Floodflows from Small Drainage Areas in
CALIF. OFFICE OF MARINE GEOLOGY AND	W74-04401 7-09 2C	Oklahoma: Progress Report and Data Compila-
HYDROLOGY.	17-04-01	tion,
New Insights into the Influence of Ice on the	Some Effects of Surface Disturbance on the	W74-08292 7-16 2E
Coastal Marine Environment of the Beaufort	Permafrost Active Layer at Inuvik, N.W.T.,	Flood Characteristics of Oklahoma Streams,
Sea, Alaska,	Canada,	W74-11965 7-22 2E
W74-06669 7-13 2C	W74-04413 7-09 4C	W /4-11905 /-22 21
GEOLOGICAL SURVEY, MENLO PARK,	Aller Manager of Same Water	An Approach to Estimating Flood Frequency
CALIF. WATER RESOURCES DIV.	Airborne Measurement of Snow-Water	for Urban Areas in Oklahoma,
A Review of Wastewater Problems and Waste-	Equivalent Using Natural Gamma Radiation Over Southern Ontario, 1972-1973,	W74-11998 7-22 4A
water Management Planning in the San Fran-	W74-05853 7-11 2C	CPOLOCICAL SUBVEY BARKVILLE MD
cisco Bay Region, California.,	W74-03033	GEOLOGICAL SURVEY, PARKVILLE, MD. Well Yields in the Bedrock Aquifers of Mary
W74-05863 7-11 5D	GEOLOGICAL SURVEY OF FINLAND,	land,
Determination of Trace Metals in Sodium	OTANIEMI.	W74-08446 7-16 4E
Dithionite-Citrate Extracts of Soils and Sedi-	On the Behavior of Oil Products in Surface	177 00170
ments by Atomic Absorption,	Deposits and Ground Water, (In Finnish),	Hydrogeology of Antietam Creek Basin,
W74-11425 7-21 5A	W74-13379 7-24 5B	W74-08607 7-16 2F
721 211	CEOLOGICAL CURVEY OF INDIA	Wednesday of the Fermi
GEOLOGICAL SURVEY, MIAMI, FLA.	GEOLOGICAL SURVEY OF INDIA,	Hydrogeology of the Formation and
Effects of the Feeder Canal on the Water	HYDERABAD. SOUTHERN REGIONAL	Neutralization of Acid Waters Draining from Underground Coal Mines of Western Mary
Resources of the Fort Lauderdale Prospect	CHEMICAL LAB. Uptake of Flouride by Water Hyacinth,	land,
Well-Field Area,	Eichhornia crissipes,	W74-09369 7-18 SE
W74-04259 7-08 5G	W74-02970 7-06 5C	117 0505
GEOLOGICAL SURVEY, MINEOLA, N.Y.	W74-02570 7-00 3C	Availability of Fresh Ground Water in
Flow Characteristics of a Subsurface-Con-	GEOLOGICAL SURVEY OF ISRAEL,	Northeastern Worcester County, Maryland
trolled Recharge Basin on Long Island, New	JERUSALEM.	With Special Emphasis on the Ocean City
York,	The Uses of Geophysical Methods in	Area,
W74-02734 7-06 4B	Hydrogeological Investigations in Israel,	W74-13175 7-24 4E
	W74-11906 7-22 2F	An Evaluation of the Magothy Aquifer in the
Short-Term Effect of Injection of Tertiary-		Annapolis Area, Maryland,
Treated Sewage on Iron Concentration of	GEOLOGICAL SURVEY OF ISRAEL,	W74-13176 7-24 48
Water in Magothy Aquifer, Bay Park, New	JERUSALEM. MARINE GEOLOGY DIV.	727 42
York,	Sedimentary Reflection of Depositional En-	GEOLOGICAL SURVEY, PHOENIX, ARIZ.
W74-03232 7-07 5C	vironment in the Bardawil Lagoon, Northern	Water-Resources Appraisal of the Big Sandy
The Water Table on Long Island, New York, in	Sinai, W74-06283 7-12 2L	Area, Mohave County, Arizona,
March 1970,	W 74-00263 7-12 2L	W74-04922 7-10 4F
W74-05556 7-11 4B	GEOLOGICAL SURVEY OF JAPAN,	Annual Report on Ground Water in Arizona
	KAWASAKI.	Spring 1972 to Spring 1973.
GEOLOGICAL SURVEY, MINNEAPOLIS,	A Study of the Reservoir at the Matsukawa	W74-09229 7-17 4
MINN.	Geothermal Field,	
Subsurface Geologic Information System in	W74-09026 7-17 4B	Ground-Water Conditions in the Lower Has
Minnesota: A Status Report,		sayampa Area, Maricopa County, Arizona,
W74-00575 7-02 7C	GEOLOGICAL SURVEY OF PAPUA NEW	W74-13209 7-24 4I
GEOLOGICAL SURVEY, MORGANTOWN, W.	GUINEA, PORT MORESBY.	AI B C I W I A
VA.	Groundwater in Papua New Guinea,	Annual Report on Ground Water in Arizona
Hydrology of Limestone Karst in Greenbrier	W74-05084 7-10 4B	Spring 1972 to Spring 1973, W74-13350 7-24 41
County, West Virginia,	CEOLOGICAL SURVEY OF BUFBTO BICO	W74-13350 7-24 4I
W74-07908 7-15 2F	GEOLOGICAL SURVEY OF PUERTO RICO, SAN JUAN.	GEOLOGICAL SURVEY, PHOENIX, ARIZ.
	Water Resources of the Ponce Area, Puerto	WATER RESOURCES DIV.
GEOLOGICAL SURVEY, NORFOLK, VA.	Rico.	Monitoring of Streamflow in the Verde Rive
Underground Storage and Retrieval of Fresh	W74-03038 7-06 4A	by ERTS-1 Data Collection System (DCS),
Water from A Brackish-Water Aquifer,	17-00000 7-00 4A	W74-02594 7-05 71
W74-03237 7-07 4B	Electrical Analog Model Study of the Alluvial	CPOLOCICAL CURVEY BORM IND CORO
GEOLOGICAL SURVEY, NORMAN, OKLA.	Aquifer in the Yabucoa Valley, Puerto Rico:	GEOLOGICAL SURVEY, PORTLAND, OREG.
Bibliography and Index of Oklahoma Geology	Phase 2The Planning, Construction and Use	Flood Profiles in the Umpqua River Basin Oregon, Part 2,
1972,	of the Model,	
And the second s	1974 00264	W74-03803 7-08 4/

7-12 2F

7-08 2K

W74-01916

UNIVERSITY.

County, Alabama, W74-03810

GEOLOGICAL SURVEY OF ALABAMA,

Water Availability and Geology in Marion

7-04 2F

7-08 4B

W74-06351

W74-04268

GEOLOGICAL SURVEY OF SOUTH

Solutions in Clayey Sediments,

The Significance of Ion Exchange to Interstitial

AUSTRALIA, ADELAIDE.

7-08 4A

7-12 2H

Lakes of Oregon: Volume One, Clatsop,

Distribution of Radionuclides in the Columbia

River Streambed from the Nuclear Reactors,

Columbia, and Tillamook Counties,

W74-06270

GEOLOGICAL SURVEY, PORTLAND, OREG.

Hanford Reservation to Longview, Washing		GEOLOGICAL SURVEY, RESTON, VA. WATER RESOURCES DIV.
ton, W74-06272 7-12 51	Washington, W74-06713 7-13 2C	The Need of Geological Investigations for the Development of the Ground Water Resources
Hydrology of the Dunes Area North of Coo	Floods of 1972.	of the Republic of Korea.
Bay, Oregon, W74-07325 7-14 21	W74-09391 7-18 2E	W74-04466 7-09 4B
GEOLOGICAL SURVEY, PRESCOTT, ARIZ.	Recording Floods and Flood Damage,	Algebraic Boundedness of Sample Statistics, W74-07413 7-14 2A
Water Quality Effects of Seepage from Earthe	W74-09397 7-18 4A	7-14 2/1
Dams.	Probability Distribution of Extreme Floods,	Surface Water Network Design by Regression
W74-06453 7-12 5	W74-09398 7-18 4A	Analysis Simulation, W74-09912 7-19 2E
GEOLOGICAL SURVEY, PUEBLO, COLO.	Calibration of U.S. Geological Survey Rain-	Of the Atlanta For Provident has
Water-Management Studies of a Stream Aquifer System, Arkansas River Valley	fall/Runoff Model for Peak Flow Synthesis	Simulation of Alluvial Fan Deposition by a Random Walk Model,
Colorado,	Natural Basins, W74-09603 7-18 2A	W74-10054 7-19 2F
W74-04262 7-08 4		Autocorrelation Structure of Monthly Stream-
GEOLOGICAL SURVEY, RALEIGH, N.C.	The Soil Creep-Curved Tree Fallacy,	flows, W74-11419 7-21 2E
Public Water Supplies of North Carolina, Part	W74-09918 7-19 2J	W/4-11419 /-21 2E
Northern Piedmont,	Water Demands for Expanding Energy	GEOLOGICAL SURVEY, ROLLA, MO.
W74-01040 7-02 6	Development,	First-Look Analysis of Geologic Ground Pat-
Problems of Underground Storage of Wastes,	W74-09949 7-19 6D	terns on ERTS-1 Imagery of Missouri,
W74-02732 7-06 5		W74-01704 7-04 7C
W14-02132	Water Data A New Awareness,	Estimating Low-Flow Frequency for Perennia
Public Water Supplies of North Carolina: Pa	t W74-11205 7-21 7C	Missouri Ozarks Streams,
2. Southern Piedmont,		W74-08599 7-16 4A
W74-04915 7-10 6		CT-01-0-01-01-01-01-01-01-01-01-01-01-01-0
Public Water Supplies of North Carolina: Pa	Rainfall-Runoff Model, W74-11234 7-21 2A	GEOLOGICAL SURVEY, ROLLA, MO. WATER
I. Northern Piedmont,	W74-11234 7-21 2A	RESOURCES DIV. Water Resources Applications,
W74-05858 7-11 6	Generalized Skew Coefficients of Annual	W74-04584 7-09 7E
	Floods in the United States and Their Applica-	CROLOGICAL GURNEN GACRAMENTO
Karst HydrologyA Review,	tion,	GEOLOGICAL SURVEY, SACRAMENTO,
W74-06907 7-13 2	W74-11420 7-21 2E	CALIF. Hazards of Waste Disposal in Groundwater
Environmental Hazards of Large-Sca	Comparison of Observed and Calculated Con-	Basins.
Developments,	centrations of Dissolved Al and Fe in Stream	W74-03357 7-07 5E
W74-08601 7-16 6	Water,	
A. A. A. A. A. C.	W74 11422 7.21 5A	GEOLOGICAL SURVEY, SAINT PAUL, MINN. Flood-Plain Areas of the Lower Minnesota
An Appraisal of the Groundwater Resources the Upper Cape Fear River Basin, Nor		River.
Carolina,	Nonlinear reclinological runctions for	W74-11969 7-22 70
W74-08605 7-16 4	Aquifers Whose Transmissivities Vary with	
	Drawdown, W74-11424 7-21 2F	Coon Rapids Pool Hydrographic Study,
Pierre Perrault: The Man and His Contribution	m W74-11424 7-21 2F	W74-11981 7-22 2F
to Modern Hydrology,	Cost Analysis of Groundwater Supplies in the	GEOLOGICAL SURVEY, SALT LAKE CITY,
W74-11206 7-21 2	North Atlantic Region,	UTAH.
Movement and Dispersion of Soluble Materia		Ground-water Conditions in Utah, Spring o
in Salem Creek, Muddy Creek and Yadk	n	1973,
River Between Winston-Salem and Salisbur		W74-00353 7-01 4I
North Carolina,	Plains,	The Effects of Restricted Circulation on the
W74-11749 7-22 5	B W74-11492 7-22 4C	Salt Balance of Great Salt Lake, Utah,
The Effect of Heated Water on the Temper	GEOLOGICAL SURVEY, RESTON, VA. EROS	W74-06435 7-12 2H
ture and Evaporation of Hyco Lake, Nor		Hydrologic Reconnaissance of the Northern
Carolina, 1966-72,	Satellite Geological and Geophysical Remote	Great Salt Lake Desert and Summar
W74-11751 7-22 5	Sensing of IcelandPreliminary Results from	Hydrologic Reconnaissance of Northwester
CEOLOGICAL CURVEY RECTON VA	Analysis of MSS Imagery,	Utah,
GEOLOGICAL SURVEY, RESTON, VA. Index of Time-of-Travel Studies of the U.	W74-01699 7-04 2C	W74-07665 7-15 21
Geological Survey,	Lineaments in Coastal Plain Sediments as Seen	Time of Travel and Dye Dosage for an Irriga
W74-01874 7-04 2		tion Canal System Near Duchesne, Utah,
	W74-02566 7-05 7B	W74-11970 7-22 2
Effects of Pumping from the Ohio River Valle	y	
Alluvium Between Carrollton and Ghent, Ke	Coustai and Submarine Teathers on Mos	GEOLOGICAL SURVEY, SAN ANTONIO, TEX.
tucky, W74-04155 7-08	Imagery of Southeastern Massachusetts: Com-	Regional Specific Yield of the Edwards and Associated Limestones in the San Antonio, Texa
7-06	parison with Conventional Maps,	Area.
The Operation of a Stream-Aquifer Syste	m W74-06679 7-13 2L	W74-00542 7-01 2
Under Stochastic Demands,	Survey of Remote Sensing Applications,	
W74-04808 7-09	B W74-09899 7-19 7B	GEOLOGICAL SURVEY, ST. PAUL, MINN. The National Quality of Ground Water in Mir
Large Rivers of the United States.,		nesota,
W74-05138 7-10	E GEOLOGICAL SURVEY, RESTON, VA.	W74-00567 7-02 2

Water Data, W74-08600

OFFICE OF WATER DATA COORDINATION.

Digest of the 1972 Catalog of Information on

7-02 2F

7-10 4B

Water Resources Outlook for the Minneapolis-Saint Paul Metropolitan Area, Minnesota,

W74-05172

7-16 10D

7-11 4B

A Summary on Ground Water in the Han River Basin, Republic of Korea, W74-05546 7-11 4B

GEOLOGICAL SURVEY, TALLAHASSEE, FLA.

GEOLOGICAL SURVEY, TACOMA, WASH. Digital Simulation and Projection of Water- Level Declines in Basalt Aquifers of the Odes- sa-Lind Area, East-Central Washington,	Urbanized Areas Served by Sewers and Septic Tanks in the Seattle-Tacoma Urban Complex and Adjacent Areas, Washington, W74-09639 7-18 7C	Effects on Water Quality in the Shallow Aquifer due to the Operation of the Cross State Dump, Palm Beach County, Florida, W74-04052 7-08 5B
W74-00326 7-01 2F	Public Water Supplies in the Seattle-Tacoma	Hydrogeologic Characteristics of the Surficial
Water Resources of the Nisqually Indian Reservation, Washington,	Urban Complex and Adjacent Areas, Washing-	Aquifer in Northwest Hillsborough County, Florida.
W74-00544 7-01 4A	ton, W74-09640 7-18 7C	W74-04468 7-09 2F
The Hydrology of Ten Streams in Western Washington as Related to the Propagation of Several Pacific Salmon Species,	An Estimate of Leakage From Blackfoot Reservoir to Bear River Basin, Southeastern Idaho.	Effects of Backpumping from South New River Canal at Pump Station S-9 on Quality of Water in Water-Conservation Area 3, Broward
W74-02297 7-05 8I	W74-10661 7-20 4A	County, Florida, W74-04600 7-09 5B
Evaluation of ERTS Imagery for Mapping and Detection of Changes of Snowcover on Land and on Glaciers,	Floods of January 1974 in Washington, W74-11752 7-22 2E	Hydrologic and Geologic Considerations for Solid-Waste Disposal in West-Central Florida,
W74-02604 7-05 7B	Surface-Water Investigations on the Lummi In-	W74-04605 7-09 5E
Water Resources of the Skokomish Indian Reservation, Washington,	dian Reservation, Washington, W74-12008 7-23 4A	Hydrologic Conditions in the Lakeland Ridge
W74-02623 7-05 2G	A Numerical Model of Material Transport in	Area of Polk County, Florida, W74-07318 7-14 4B
Appraisal of Ground-Water Availability and Management Projections, Walla Walla River	Salt-Wedge Estuaries, Parts I and II, W74-12057 7-23 2L	Reconnaissance of the Water Resources in the Vicinity of Proposed Deep-Well Injection Sites
Basin, Washington and Oregon, W74-03812 7-08 4B	Sediment Transport by Streams in the	in Southeast Dade County, Florida, W74-07915 7-15 5B
Relative Susceptibility of Lakes to Water- Quality Degradation in the Southern Hood	Deschutes and Nisqually River Basins, Washington, November 1971-June 1973, W74-12058 7-23 2J	Estimated Use of Water in Florida, 1970, W74-07917 7-15 6D
Canal Area, Washington, W74-04488 7-09 5B	Data on Selected Lakes in Washington, Part II, W74-12341 7-23 5A	Hydrologic Data for 1972, Broward County,
A Proposal for the Investigation of Possible		Florida, W74-07918 7-15 7C
Ground-Water Contamination in the Bangor Area, Kitsap County, Washington, W74-04491 7-09 5B	A Groundwater Investigation of the Lummi In- dian Reservation, Washington, W74-12635 7-23 4B	Hydrobiochemical Effects of Spraying Waste- Treatment Effluent in St. Petersburg, Florida,
Surface- and Ground-Water Conditions During	GEOLOGICAL SURVEY, TALLAHASSEE, FLA.	W74-07978 7-15 5C
1959-61 in a Part of Flett Creek Basin, Tacoma, Washington,	Tidal Relations Along the Intracoastal Water- way, Palm Beach, County, Florida,	Quantity and Quality of Surface Water in Marion County, Florida,
W74-04796 7-09 2E	W74-00328 7-01 2L	W74-08044 7-15 7C
Availability of Ground Water in the Federal Way Area, King County, Washington, W74-05545 7-11 4B	Salinity Studies in East Glades Agricultural Area, Southeastern Dada County, Florida,	Appraisal of the Water Resources of Eastern Palm Beach County, Florida, W74-08445 7-16 4B
Flood Profiles and Inundated Areas Along the	W74-00329 7-01 3C	Quality of Surface Water in the Vicinity of Oil
Lower Nisqually River, Washington, W74-05849 7-11 2E	Lake Okeechobee Seepage Monitoring Network, W74-00337 7-01 4A	Exploration Sites, Big Cypress Area, South Florida,
Hydrology of Basalt Aquifers and Depletion of	Water Quality in the Conservation Areas of the	W74-08596 7-16 5A
Ground Water in East-Central Washington, W74-06311 7-12 2F	Central and Southern Florida Flood Control District, 1970-72,	Reconnaissance of Water Quality in the Vicinity of Sunniland Oil Field, Collier County,
Water in the Okanogan River Basin, Washing- ton,	W74-01881 7-04 5B	Florida, 1971-72, W74-10240 7-19 5B
W74-07907 7-15 3B	Nitrogen, Phosphorus, and Trace Elements in Florida Surface Waters, 1970-71,	Filtration Mechanisms During the Removal of
Sediment Transport by Streams in the Upper Columbia River Basin, Washington, May 1969-	W74-02476 7-05 5A	Contaminants from Nitric Acid, W74-10281 7-19 5D
June 1971, W74-07911 7-15 2J	Summary of Hydrologic Conditions in Collier County, Florida, 1972,	Hydrology of Lake Tarpon Near Tarpon Springs, Florida,
Generalization of Spawning and Rearing	W74-02622 7-05 2A	W74-10673 7-20 2H
Discharges for Several Pacific Salmon Species in Western Washington, W74-08370 7-16 2I	Hydrogeologic Aspects of a Proposed Sanitary Landfill Near Old Tampa Bay, Florida,	Water Levels in Artesian and Nonartesian Aquifers of Florida, 1971-72,
Digital-Model Study of Ground-Water Hydrolo-	W74-02628 7-05 5E	W74-11025 7-21 4A
gy, Columbia Basin Irrigation Project Area, Washington, W74-08382 7-16 2F	Basic Water-Quality Data for Pollution Abatement Plan, Tampa Bay Area, Florida, W74-02629 7-05 5B	Flood Profiles of the Lower Hillsborough River, Florida, W74-11735 7-22 2E
The Production, Flow and Distribution of Melt Water in a Glacier Treated as a Porous Medi-	Injection of Acidic Industrial Waste inot a Saline Carbonate Aquifer: Geochemical	Encroaching Salt Water in Northeast Palm Beach County, Florida,
um, W74-09326 7-18 2C	Aspects, W74-03243 7-07 5E	W74-11779 7-22 7C
Structure and Inferred Circulation of South Cascade Lake, Washington, U.S.A.,	Hydrogeology of Subsurface Liquid-Waste Storage in Florida.	Effects of Septic Tank Effluent on Ground- water Quality, Dade County, Florida: An In- terim Report,
W74-09349 7-18 2C	W74-03361 7-07 5E	W74-11975 7-22 5B

GEOLOGICAL SURVEY, TALLAHASSEE, FLA.

Hydrologic Consequences of Using Ground- water to Maintain Lake Levels Affected by	GEOLOGICAL SURVEY, TUSCALOOSA, ALA. Water Resources Monitoring and EvaluationA
Water Wells Near Tampa, Florida, W74-12013 7-23 4B	Key to Environmental Protection in Alabama Oil Fields,
Groundwater Resources of the Hollywood	W74-03807 7-08 5B
Area, Florida,	Surface-Water Availability, Colbert County,
W74-12054 7-23 4B	Alabama. W74-08187 7-16 4A
Indicators of Organic Contamination in Planta-	W/4-0010/
tion Canal, Broward County, Florida, 1971-72,	Water Availability, Coosa County, Alabama,
W74-12070 7-23 5B	W74-08188 7-16 4A
The Shallow Fresh-Water System of Sanibel	Surface-Water Availability, Limestone County,
Island, Lee County, Florida, with Emphasis on	Alabama, W74-08189 7-16 4A
the Sources and Effects of Saline Water, W74-12071 7-23 2F	W74-08189 7-16 4A
	Surface-Water Availability, Etowah County,
Availability of Groundwater for the U.S. Navy Well Field Near Florida City, Dade County,	Alabama, W74-08190 7-16 4A
Florida, W74-12076 7-23 4B	Floods in AlabamaMagnitude and Frequency
1-23 4B	Based on Data Through September 30, 1971,
Water Quality and Related Studies, Jackson-	W74-08587 7-16 2E
ville Area, Florida, W74-12077 7-23 5B	GEOLOGICAL SURVEY, UNIVERSITY, ALA.
	Aerial Remote Sensing of Carbonate Terranes
Hydrogeologic Characteristics of the Surficial	in Shelby County, Alabama, W74-02467 7-05 7B
Aquifer in Northwest Hillsborough County, Florida,	
W74-13208 7-24 2F	Subsurface Disposal of Liquid Industrial
	Wastes in AlabamaA Current Status Report, W74-03227 7-07 5E
GEOLOGICAL SURVEY, TAMPA, FLA. Hydrologic Evaluation of Industrial-Waste In-	
jection at Mulberry, Florida,	Surface-Water Availability, Lauderdale Coun-
W74-03244 7-07 5E	ty, Alabama, W74-04494 7-09 2E
Potentian of Turbidity Dynamics in Tomas	
Detection of Turbidity Dynamics in Tampa Bay, Florida Using Multispectral Imagery from ERTS-1,	Sinkhole Problem Along Proposed Route of In- terstate Highway 459, Near Greenwood, Alabama,
W74-06711 7-13 2L	W74-05857 7-11 2F
Hydrologic Perspective of Surficial Waste	A Plan for the Improvement of the Low Flow
Disposal,	Data Network in Alabama,
W74-13210 7-24 5D	W74-08175 7-16 7A
GEOLOGICAL SURVEY, TOWSON, MD.	Surface-Water Availability, Talladega County,
WATER RESOURCES DIV.	Alabama,
Dissolved Oxygen and Iron in Shallow Wells at	W74-11767 7-22 7C
Salisbury, Md., W74-05078 7-10 5B	GEOLOGICAL SURVEY, UNIVERSITY, ALA.
W/4-030/6	WATER RESOURCES DIV.
GEOLOGICAL SURVEY, TRENTON, N.J.	Environmental Geology and Hydrology, Madis-
A Summary of Peak Stages and Discharges for	on County, Alabama: Water Resources, W74-04911 7-10 4B
the Flood of August 1973 in New Jersey, W74-08374 7-16 2E	
	GEOLOGICAL SURVEY, URBANA, ILL.
GEOLOGICAL SURVEY, TRENTON, N.J. GROUNDWATER BRANCH.	Sediment Distribution in a Beach Ridge Com- plex and its Application to Artificial Beach
Interpretation of Boundary Effects from Pump-	Replenishment,
ing Test Data,	W74-07666 7-15 2J
W74-05089 7-10 8B	Cadmium: Mode of Occurrence in Illinois
GEOLOGICAL SURVEY, TRENTON, N. J.	Coals,
WATER RESOURCES DIV.	W74-09578 7-18 5B
Geology and Water Resources of the Wharton	Underground Storage of Natural Gas in Illinois-
Tract and the Mullica River Basin in Southern New Jersey.	1973,
W74-07668 7-15 4B	W74-10834 7-20 8E
GEOLOGICAL SURVEY, TUCSON, ARIZ.	GEOLOGICAL SURVEY, WASHINGTON, D.C. Water Pollution,
Use of the Sri Electronic Satellite Image Analy-	W74-00124 7-01 5A
sis Console for Mapping Southern Arizona Plant Communities from ERTS-1 Imagery,	Floods in Jackson Quadrangle, Mississippi,
W74-02593 7-05 7B	W74-00302 7-01 7C
Quantitative and Historical Evidence of	Quality of Surface Waters of the Haited States
Vegetation Changes Along the Upper Gila	Quality of Surface Waters of the United States, 1968: Part 2. South Atlantic Slope and Eastern
River, Arizona,	Gulf of Mexico Basins.
W74-13174 7-24 3B	W74-00303 7-01 2K

Preparative Free-Flow Electrophoresis as a Method of Fractionation of Natural Organic Materials,
W74-00321 7-01 2K
An Experimental Study of Heavy-Mineral Secregation Under Alluvial-Flow Conditions, W74-00533 7-01 2J
Reconnaissance of the Water Resources of
Beaver County, Oklahoma, W74-00534 7-01 7C
Flood of June 1972 at Elmira, New York, W74-00535 7-01 7C
Geohydrology of Doniphan County, Northeast-
ern Kansas, W74-00536 7-01 7C
Surface Water Supply of the United States, 1966-70: Part 9. Colorado River BasinVolume 2. Colorado River Basin from Green River to Compact Point.
W74-00586 7-02 7C
Surface Water Supply of the United States, 1966-70: Part 5. Hudson Bay and Upper Missis- sippi River BasinsVol 3. Upper Mississippi River Basin Below Keokuk, Iowa. W74-00587 7-02 7C
Surface Water Supply of the United States, 1966-70: Part 3. Ohio River BasinVolume 4. Ohio River Basin Below Wabash River.
W74-00588 7-02 7C
Methods of Collecting and Interpreting Ground-Water Data. W74-00929 7-02 7C
Engineering Characteristics of Overburden in
Knox County, Tennessee, W74-01143 7-03 7C
Overburden Related to Type of Bedrock and Engineering Characteristics of the Bedrock, Knox County, Tennessee,
W74-01144 7-03 7C
Categories of Relative Feasibility for Septic- Tank Filter Fields in Knox County, Tennessee, W74-01145 7-03 7C
Soil Association Map of Knox County, Tennes-
see. W74-01146 7-03 7C
Ground-Water Yield Potential in Knox County,
Tennessee, W74-01147 7-03 7C
Quality of Surface Waters of the United States, 1968: Parts 4 and 5. St Lawrence River Basin and Hudson Bay and Upper Mississippi River
Basins. W74-01268 7-03 2K
Areas of Possible Flooding in Knox County, Tennessee,
W74-01269 7-03 7C
Areas with Abundant Sinkholes in Knox County, Tennessee, W74-01270 7-03 7C
A Role of Sediment Transport in Alluvial Chan-
nels, W74-01272 7-03 2J
Recognition of Natural Brine by Electrical Soundings Near the Salt Fork of the Brazos River, Kent and Stonewall Counties, Texas,
W74-01370 7-03 2F

	ORGANIZATIONAL INDEX	
		GEOLOGICAL SURVEY, WASHINGTON, D.C.
Use of ERTS-1 Images in the Search for Porphyry Copper Deposits in Pakistani	Base of Fresh Ground Water (Approximately 3,000 Micromhos) in the San Joaquin Valley, California).	Water Resources of the Little River Basin, Louisiana, W74-07671 7-15 4A
Baluchistan, W74-01706 7-04 7C	W74-04274 7-08 7C	
Structural Geological Analysis of Nevada Using ERTS-1 Images: A Preliminary Report,	Water Resources of Wisconsin, St. Croix River Basin,	Low-Flow Characteristics of Kentucy Streams, W74-08173 7-16 7C
W74-01709 7-04 7C	W74-04275 7-08 7C	Some Rates of Geomorphological Processes, W74-08304 7-16 2J
Urban Growth and the Water Regimen. Hydrologic Effects of Urban Growth,	Reconnaissance of the Ground-Water Resources of Cimarron County, Oklahoma,	Floods in Punaluu-Hauula Area, Oahu, Hawaii,
W74-01847 7-04 4C	W74-04495 7-09 4B	W74-08310 7-16 7C
Water Resources of Lee County, Mississippi, W74-02340 7-05 4B	Lakes in the Boulder-Fort Collins-Greeley Area, Front Range Urban Corridor, Colorado, W74-04496 7-09 2H	Floods in the Vicinity of Crete, Nebraska, W74-08444 7-16 7C
A Pneumatic Sample Changer for Gamma-Ray Spectroscopy,	Cypretta kawatai, A New Species of Fresh-	Water from the Coastal Plain Aquifers in the Washington, D.C., Metropolitan Area,
W74-02407 7-05 7B	water Ostracoda (Crustacea),	W74-08597 7-16 4B
Shallow Ground Water in the Zamin Dawar	W74-05454 7-11 5G	Natural Sources of Some Trace Elements in the
Area, Helmand Province, Afghanistan, W74-02472 7-05 4B	Geohydrology of Atchison County, Northeast- ern Kansas,	Environment, W74-09207 7-17 5B
	W74-06376 7-12 7C	The Pine-Popple River BasinHydrology of a
Flood of June 1972 at Corning, New York, W74-02479 7-05 7C	Unique Characteristics of ERTS, W74-06689 7-13 7B	Wild River Area, Northeastern Wisconsin, W74-09223 7-17 2E
Hydrology and Water Resources of the Nepon- set and Weymouth River Basins, Mas-	Thermal Surveillance of Cascade Range Vol-	Improvement of Trout Streams in Wisconsin by
sachusetts, W74-02480 7-05 7C	canoes Using ERTS-1 Multispectral Scanner, Aircraft Imaging Systems, and Ground-Based	Augmenting Low Flows with Ground Water, W74-09224 7-17 3B
ERTS-1 Image Contributes to Understanding of	Data Communication Platforms, W74-06692 7-13 7C	The Worth of Data in Hydrologic Design, W74-09399 7-18 7C
Geologic Structures Related to Managua Earthquake, 1972,	Flood of October 1972 at Petersburg and	Geohydrology of Crow Creek and Lower Brule
W74-02561 7-05 7B	Colonial Heights, Virginia, W74-06957 7-13 7C	Indian Reservations, South Dakota,
Hydrogeology of Closed Basins and Deserts of South America, ERTS-1 Interpretations,		W74-09638 7-18 7C
W74-02588 7-05 7B	Hydrology and Water Resources of the Hoosic River Basin, Massachusetts, W74-06958 7-13 7C	Quality of Surface Waters of the United States, 1968: Parts 9 and 10, Colorado River Basin and the Great Basin.
Floods at Martinsburg and Vicinity, West Virginia,	Availability of Ground Water in the Grants	W74-10353 7-20 7C
W74-02615 7-05 2E	Pass Area, Josephine County, Oregon, W74-06959 7-13 7C	Water Resources Investigations in Arizona, 1973.
Water Resources of the Big Sioux River Valley Near Sioux Falls, South Dakota,	Quality of Ground Water in the Lower	W74-10362 7-20 7C
W74-02619 7-05 2E	Colorado River Region, Arizona, Nevada, New Mexico, and Utah,	Analog Model Study of the Ground-Water Basin of the Upper Coachella Valley, Califor-
Surface Water Supply of the United States, 1966-70Part 6. Missouri River Basin: Volume	W74-06960 7-13 7C	nia,
2. Missouri River Basin from Williston, North	Water Resources of Northwestern Missouri,	W74-10363 7-20 4B
Dakota, to Sioux City, Iowa. W74-03035 7-06 7C	W74-06961 7-13 7C	Summary of Turbulence Data from Rivers, Conveyance Channels, and Laboratory
Fractionation and Characterization of Natural	Stream Temperatures in Washington State, W74-06962 7-13 7C	Flumes,
Organic Matter from Certain Rivers and Soils		W74-10435 7-20 8B
by Free-Flow Electrophoresis, W74-03062 7-06 2K	Dissolved-Solids Discharge to the Oceans from the Conterminous United States,	Quality of Surface Waters of the United States, 1968: Parts 12-16. North Pacific Slope Basins,
Hydraulic Fracturing As a Tool for Disposal of	W74-07162 7-14 5B	Alaska, Hawaii, and Other Pacific Areas.
Wastes in Shale,	Aquifers in the Sokoto Basin, Northwestern	W74-10616 7-20 5A
W74-03231 7-07 5E	Nigeria, with a Description of the General Hydrogeology of the Region,	Quality of Surface Waters of the United States, 1968: Part 7. Lower Mississippi River Basin.
Use of Finite-Difference Arrays of Observation Wells to Estimate Evapotranspiration from	W74-07184 7-14 2F	W74-10617 7-20 5A
Ground Water in the Arkansas River Valley,	Water Resources of the Taunton River Basin	Water Availability in Central Wisconsin - An
Colorado, W74-03508 7-07 2D	Southeastern Massachusetts, W74-07190 7-14 7C	Area of Near-Surface Crystalline Rock, W74-10647 7-20 4B
Water Resources of the New Jersey Part of the Ramapo River Basin,	Ground-Water Resources of Montgomery County, Indiana,	Availability of Groundwater in the Lower Paw- catuck River Basin, Rhode Island.
W74-03806 7-08 4B	W74-07645 7-15 2F	W74-11023 7-21 4B
Water Resources of the Northern Cheyenne In-	Historic Flood Information for Northern	Hydrogeology of Glacial Drift, Mesabi Iron
dian Reservation and Adjacent Area, Southeastern Montana.	California Streams from Geological and Botani-	Range, Northeastern Minnesota,
W74-03809 7-08 7C	cal Evidence, W74-07646 7-15 2E	
Cost Analysis of Groundwater Supplies in the North Atlantic Region, 1970,	Geohydrology and Water Resources of the Tucson Basin, Arizona,	Water-Supply Development and Management Alternatives for Clinton, Eaton, and Ingham Counties, Michigan,
W74-03815 7-08 4B	W74-07648 7-15 2F	W74-11223 7-21 4B

GEOLOGICAL SURVEY, WASHINGTON, D.C.

Erosional and Depositional Aspects of Hurricane Camille in Virginia, 1969,	Geohydrology of the Parker-Blythe-Cibola Area, Arizona and California,	GEOLOGICAL SURVEY, WASHINGTON, D.C. OFFICE OF INTERNATIONAL ACTIVITIES.
W74-11233 7-21 2J	W74-12339 7-23 2F	Experience of the U.S. Geological Survey in Transfer of Hydrologic Knowledge to the
Accuracy of Current Meter Measurements, W74-11502 7-22 7B	Argillization by Descending Acid at Steamboat Springs, Nevada,	Developing Countries, W74-00215 7-01 10A
Calibration of Current Meters in a Submerged	W74-12651 7-23 2K	GEOLOGICAL SURVEY, WASHINGTON, D.C.
Jet,	Appraisal of Operating Efficiency of Recharge	OFFICE OF REMOTE SENSING.
W74-11503 7-22 7B	Basins on Long Island, New York, in 1969, W74-12655 7-23 4B	Operational and Experimental Remote Sensing in Hydrology,
Flow Measurement of Some of the World's Major Rivers by the Moving-Boat Method,	Hydrogeology of the Pottsville Formation in	W74-04570 7-09 7B
W74-11506 7-22 7B	Northeastern Ohio, W74-13015 7-24 7C	GEOLOGICAL SURVEY, WASHINGTON, D.C. OFFICE OF WATER DATA COORDINATION.
Techniques for Measurement of Discharge by		Federal Water Information Systems,
Dye Dilution, W74-11513 7-22 7B	Hydrology and Water Resources of the Deer- field River Basin, Massachusetts,	W74-00578 7-02 7C
Measurement and Estimation of Flood	W74-13016 7-24 7C	Advisory Committee on Water Data for Public UseSummary of Eighth Meeting, June 5-7,
Discharges,	Floods of June 1972 in the Harrisburg Area,	1973, Portland Oregon.
W74-11524 7-22 7B	Pennsylvania, W74-13186 7-24 7C	W74-04924 7-10 7C
Water-Quality Monitoring and Data Transmis-		GEOLOGICAL SURVEY WASHINGTON, D.C.
sion, W74-11556 7-22 7B	Flood of March 1968 on the Neponset River, Massachusetts,	WATER RESOURCES DIV. Expected Optimum Record Length as a Basis
	W74-13187 7-24 7C	for Hydrologic Network Design,
Utilization of Remotely-Sensed Data in the Management of Inland Wetlands,	Floods in Capron Quadrangle, Northeastern Il-	
W74-11727 7-22 7B	linois, W74-13188 7-24 7C	Errors in Piezometric Measurement, W74-00931 7-02 8G
Computer Model for Determining Bank Storage at Hungry Horse Reservoir, Northwestern	Floods in Garden Prairie Quadrangle,	Selected References, Ground-Water Con-
Montana,	Northeastern Illinois, W74-13189 7-24 7C	tamination, The United States of America and Puerto Rico.
		W74-02482 7-05 5B
Simulation of Major Inorganic Chemical Con- centrations and Loads in Streamflow,	Floods in Harvard Quadrangle, Northeastern Illinois.	Cross Correlation of the Logarithms of Esti-
W74-11764 7-22 5B	W74-13190 7-24 7C	mates of Mean Streamflows, W74-02775 7-06 2E
Generalization of Stream Travel Rates and	Water Resources of the Maumee River Basin,	Temperature of Missouri Streams,
Dispersion Characteristics from Time-of-Travel Measurements,	Northeastern Indiana, W74-13191 7-24 7C	W74-02885 7-06 2K
W74-11971 7-22 2E		Sources and Movements of WaterAn Interim
Selected Hydrologic Data in the Upper	Ground-Water Favorability and Surficial Geology of Parts of the Medxnekeag River and	Report. W74-05415 7-11 2L
Colorado River Basin,	Prestile Stream Basins, Maine,	
W74-11979 7-22 7C	W74-13192 7-24 7C	Tracer Simulation of Soluble Waste Concentra- tion.
Water Resources of the Laramie, Shirley, Hanna Basins and Adjacent Areas, Southeast-	Ground-Water Favorability and Surficial Geology of the Lower St. John River Valley,	W74-08377 7-16 5B
ern Wyoming,	Maine,	Test Well Yields Data on Hydrogeologic Pro-
W74-11983 7-22 7C	W74-13193 7-24 7C	perties of Subsurface Materials, W74-10095 7-19 4B
Application of Surface Geophysics to Ground-	Flood of March 1968 on the Ipswich River, Massachusetts,	Systems Analysis in Water Resource Planning
water Investigations, W74-11996 7-22 4B	W74-13194 7-24 7C	in the USA,
Environmental Impact Analysis: The Example	Influence of Recharge Basins on the Hydrology	W74-12115 7-23 6A
of the Proposed Trans-Alaska Pipeline,	of Nassau and Suffolk Counties, Long Island,	GEOLOGICAL SURVEY, WINTER PARK, FLA. WATER RESOURCES DIV.
W74-12011 7-23 6G	New York, W74-13206 7-24 4B	Hydrogeologic Considerations in Land Spread-
United States Geological Survey Alaska Pro-		ing of Sewage Treatment-Plant Effluent in Central Florida,
gram, 1974. W74-12012 7-23 4A	Floods of June 1965 in Arkansas River Basin, Colorado, Kansas, and New Mexico,	W74-03518 7-07 5D
	W74-13207 7-24 2E	GEOLOGICAL SURVEY, WOODS HOLE,
Water Resources of the Powder River Basin and Adjacent Areas, Northeastern Wyoming,	GEOLOGICAL SURVEY, WASHINGTON, D.C.	MASS.
W74-12056 7-23 7C	GEOGRAPHIC APPLICATIONS PROGRAM. Change in Land Use in the Phoenix (1:250,000)	Sea Level as Affected by River Runoff, East- ern United States,
Water Resources of Wisconsin, Lake Superior	Quadrangle, Arizona between 1970 and 1972:	W74-02709 7-06 2E
Basin, W74-12335 7-23 7C	Successful Use of a Proposed Land Use Classification System,	The Coastal Environment of New England,
	W74-06622 7-13 4A	W74-03453 7-07 2L
Water Resources of Wisconsin-Menominee- Oconto-Peshtigo River Basin,	Land Use Classification and Change Analysis	Regional Clay Mineral Facies in Estuaries and Continental Margin of the United States East
W74-12336 7-23 7C	Using ERTS-1 Imagery in Carets,	Coast,
Atlantic Continental Shelf and Slope of the	W74-06625 7-13 4A	W74-07237 7-14 2L
United StatesSediment Texture of the Northeastern Part,	ERTS Regional-Scale Overview Linking Land Use and Environmental Processes in Carets,	Interstitial Waters of Black Sea Sediments: New Data and Review,
W74-12337 7-23 2J	W74-06626 7-13 4A	W74-12379 7-23 2K

GEORGIA INST. OF TECH., ATLANTA. SCHOOL OF CHEMISTRY.

Changes in Sediment Loads in Riv	ers of the At-	Lipopolysaccharide and Proteins	of the Cell	The Interaction of Water with Org	panic Solute
lantic Drainage of the United State W74-13215	es Since 1900, 7-24 5B	Envelope of Vibrio Marinus, A Ma um,	arine Bacteri-	Species, W74-03762	7-08 1B
CROLOGY CURVEY MENI O BAR	V CALIF	W74-06028	7-12 5A	Buffer Canacity in Aquatic Espayer	
GEOLOGY SURVEY, MENLO PAR Streamflow, Sediment, and Tur Mad River Basin, Humboldt and	bidity in the	GEORGIA AGRICULTURAL EXPE	RIMENT	Buffer Capacity in Aquatic Ecosyst W74-06829	7-13 5B
ties, California,		Fixation of Zinc by Clay Minerals,		The Transport of Radioisotopes b	y Fine Par-
W74-11770	7-22 2E	W74-07629	7-15 2G	ticulate Matter in Aquifers, W74-07730	7-15 5B
GEOMET, INC., ROCKVILLE, MD		GEORGIA COASTAL PLAIN EXPE	DIMENT		
Summary ReportWeather	Modification,	STATION, TIFTON.	KIMEN	The Role of Sediment Gradation	on Channel
Fiscal Years 1969, 1970, 1971, W74-10233	7-19 3B	Plant Water Status in Relation to C W74-08801	Clouds, 7-17 2D	Armoring, W74-07731	7-15 2J
A Two-Dimensional Warm Fog	Modification			The Numerical Solution of Trans	sient Super-
Model, W74-10359	7-20 2B	GEORGIA COLL., MILLEDGEVILI OF BUSINESS ADMINISTRATION & ECONOMICS.		critical Flow by the Method of Ch with a Technique for Simulating Bo	aracteristics
GEONUCLEAR CORP., LAS VEGA	C NEV	What's Wrong with Government V	Water Control	tion, W74-07732	7-15 8B
Project Rio Blanco: Prompt Ecol		Programs and how They can be Im		₩ /4-0//32	7-13 OD
Resulting From Ground Motion,	- Break	W74-04632	7-09 5D	State Organization for Water	Resources
W74-09831	7-19 5C		naarinana	Management,	
		GEORGIA DEPT. OF NATURAL RI	ESOURCES,	W74-07733	7-15 6E
GEOPHYSICAL SURVEY SYSTEM	IS, INC.,	ATLANTA.		Regional Energy-Water Problems	Couth Atlan
WORTH BILLERICA, MASS. Characteristics of Sea Ice, Lake	Ice and Par	A Guide to Natural Resource In Georgia.	itormation of	tic Gulf.	South Atlan-
mafrost Using an Impulse Radar S		W74-08487	7-16 10C	W74-07972	7-15 6D
W74-12053	7-23 2C	W 74-00487	7-10 100	W14-017/2	7.13 02
	. 25 20	GEORGIA EXPERIMENT STATION	N,	The Use of Questionnaires in Coll	
GEORGE WASHINGTON UNIV.,		EXPERIMENT.		mation for Urban Flood Control Pla	
WASHINGTON, D.C.		Characterization of Waste Efflu		W74-08151	7-16 6F
The Rise and Fall of Natu	ral Resource	Commercial Pimento Canning Ope		Reservoir Project Reauthorization	e Examples
Systems, W74-02786	7-06 6E	W74-02379	7-05 5A	of Past Use and Analysis of Ap	
W 74-02760	7-00 OL	GEORGIA INST. OF TECH., ATLA	NTA	Lake Lanier,	
GEORGE WASHINGTON UNIV.,		Collection of Groundwater Data,		W74-13046	7-24 4A
WASHINGTON, D.C. DEPT. OF EC Determinants of Use of Water-I		W74-05120	7-10 4B	The Challenge to the Social Science	
tional Facilities,		Chemical Characteristics of Disso	olved Organic	W74-13059	7-24 6B
W74-07058	7-14 6B	Matter in River Water,		GEORGIA INST. OF TECH., ATLAN	TA. HIGH
GEORGE WASHINGTON UNIV.,		W74-05504	7-11 5B	TEMPERATURE MATERIALS DIV.	
WASHINGTON, D.C. DEPT. OF		A Hydrographic Investigation of	Winvah Ray	The Electrical Process in the Break	ing of Dilute
MANAGEMENT SCIENCES. Evaluation of the Use of Pricing	as a Tool for	South Carolina and the Adja Waters,		Oil-In-Water Emulsions, W74-12343	7-23 5D
Conserving Water,	7.00 AD	W74-05505	7-11 2L	GEORGIA INST. OF TECH., ATLAN	ITA.
W74-04810	7-09 3D			SCHOOL OF APPLIED BIOLOGY.	
GEORGE WASHINGTON UNIV.,		The Role of Disinfection in the	Optimum En-	Analytical Procedures for the Con-	trol of Disin-
WASHINGTON, D.C. DEPT. OF PU	UBLIC	vironment, W74-08205	7-16 5F	fectants in Water Treatment,	
ADMINISTRATION.		W 74-06203	7-10 JF	W74-05511	7-11 5F
Social Goals and Evaluation of R	tesource Com-	Wastewater Sampling and Testing	Instrumenta-	Toxicity of Chromium Compo	unds Under
mitments,	7-04 6B	tion,		Aerobic Conditions,	ands Chaci
W74-02110	7-04 OD	W74-11754	7-22 5A	W74-11360	7-21 5C
GEORGE WASHINGTON UNIV.,		Field Test of an Environmental Ir	mnact Assess.		
WASHINGTON, D.C. NATIONAL	LAW	ment Methodology.	iipact Assess	Observations on Manganese in Geo W74-11712	
CENTER.		W74-12357	7-23 6G	W /4-11/12	7-22 5F
The Resolution of Uncertainty, W74-03479	7-07 5G			GEORGIA INST. OF TECH., ATLAN	VTA.
W 14-03419	7-07 30	GEORGIA INST. OF TECH., ATLA		SCHOOL OF BIOLOGY.	
GEORGE WASHINGTON UNIV.,		ENVIRONMENTAL RESOURCES (Utilization of Phosphorus by Phyt	oplankton in
WASHINGTON, D.C. NATURAL R	ESOURCES	Georgia's Water Problems	and Related	Phosphorus-Rich Environments,	
POLICY CENTER.		Research Needs,	7-01 6B	W74-06611	7-13 SC
Value Comparisons in Free-Fl	owing Stream	W74-00004	/-UI 6B	GEORGIA INST. OF TECH., ATLAN	NTA.
Development, W74-03190	7-06 6B	Social and Economic Impact on	Urban Areas	SCHOOL OF CHEMISTRY.	
₩ /4-03190	7-00 UD	of 'Water Policies for the Future,	' the National	Sigma-Inductive Model vs. Field M	Iodel. Obser-
GEORGETOWN COLL., KY. DEP	T. OF	Water Commission Report,		vation of a Reversed Attenuation E	
ECONOMICS.		W74-03177	7-06 6B	W74-00323	7-01 2K
Reservoirs and Local Governmen		Parabiotic Growth Characteristic	s of Selected	Mechanism of Transmission of No	nconjugative
W74-03748	7-07 6B	Sewage Bacteria,	s of Science	Substituent Effects. IV. Analysis	
GEORGETOWN UNIV., WASHING	GTON, D.C.	W74-03203	7-07 5C	sociation Constants of 6-Substitute	
DEPT. OF BIOLOGY.	,			Heptane-2-Carboxylic Acids,	
Bacteria, Yeasts, Viruses and Re	lated Microor-	Community Well-Being as a Fac	ctor in Urban	W74-00324	7-01 2K
ganisms of the Chesapeake Bay,		Land Use Planning,	7.00	Thermodynamics of Acid Page 1	Camilibria II
W74-00893	7-02 2L	W74-03751	7-08 6B	Thermodynamics of Acid-Base E Ionization of m- and	p-Hydrox-
Temperature Acclimation in	the Medusa	Effect of Polyester Fiber Process	sing Effluents	ybenzotrifluoride and the Concep	
Chrysaora quinquecirrha,	causel,	on Water Quality,		Double Bond-No Bond Resonance	
W74-04660	7-09 5C	W74-03761	7-08 5A	W74-01226	7-03 2K

GEORGIA UNIV., ATHENS; AND UTAH WATER RESEARCH LAB., LOGAN. Component Description and Analysis of En-

vironmental Systems: Oxygen Utilization in

GEORGIA UNIV., ATHENS. DEPT. OF MICROBIOLOGY. Microbes and Petroleum: Perspectives and Im-

plications, W74-08621

GEORGIA INST. OF TECH., ATLANTA. SCHOOL OF CHEMISTRY.

Influence of Solvation Factors on Acidity. Volumes of Ionization of the Meta and Para

Isomers of Nitrophenol and Formylphenol in

Water at 25 deg,

W74-03139 7-06 1B	Aquatic Microcosms,	W74-08621 7-16 5B
Thermodynamics of Acid-Base Equilibria. III.	W74-06575 7-13 5C	Measurement of Baseline Levels of Enteric
Ionization of Substituted Anilinium Ions,	GEORGIA UNIV., ATHENS. COLL. OF VETERINARY MEDICINE.	Bacterial Activity in River Water, W74-08635 7-16 5B
W74-03140 7-06 1B	Microcultures of Brown Bullhead (Ictalurus	
Comparison of Field and Sigma-Inductive	nebulosus) Cells: Their Use in Quantitation of Channel Catfish (Ictalurus punctatus) Virus and	GEORGIA UNIV., ATHENS. DEPT. OF POULTRY SCIENCE.
Models for the Transmission of Nonconjuga- tive Substituent Effects. The 2,6-Spiro (3,3)	Antibody,	Effect of Consumption of Shavings on He-
Heptyl System,	W74-05323 7-10 5A	matology of Turkey Poults, W74-10136 7-19 5C
W74-03737 7-07 2K	GEORGIA UNIV., ATHENS. COOPERATIVE EXTENSION SERVICE.	GEORGIA UNIV., ATHENS. DEPT. OF
Thermodynamics of Acid-Base Equilibria. m'	Some Extension Service Capabilities,	ZOOLOGY.
and p' Hydroxybenzaldehyde, W74-03738 7-07 2K	W74-12172 7-23 6E	Structure and Function of Hardwood Litter and Soil Subsystems After Chronic Gamma Irradia-
The Trace Analysis of Water for Selected	GEORGIA UNIV., ATHENS. DEPT. OF	tion, I. Mesofauna, Nitrogen, and Total Soil
Metallic Elements Employing Square-Wave	AGRONOMY. Soil Pollution from Cattle Feedlots in Georgia,	Respiration, W74-07824 7-15 5C
Polarography,	W74-02210 7-05 5B	
W74-11679 7-22 5A	GEORGIA UNIV., ATHENS. DEPT. OF ANIMAL	Mercury Determinations in Natural Waters by Persulfate Oxidation,
GEORGIA INST. OF TECH., ATLANTA.	SCIENCE.	W74-11378 7-21 5A
SCHOOL OF CIVIL ENGINEERING. Travel Time of Georgia Streams,	Early Actions of Cadmium in the Rat and Domestic Fowl-6 Testicular and Muscle Blood	GEORGIA UNIV., ATHENS. DEPT. OF
W74-00556 7-02 4A	Flow Changes,	ZOOLOGY; AND GEORGIA UNIV., ATHENS.
Sensitivity Analysis of a Thunderstorm Rainfall	W74-11370 7-21 5C	INST. OF ECOLOGY. Need for an Ecosystem Perspective in
Model,	GEORGIA UNIV., ATHENS. DEPT. OF	Eutrophication Modeling,
W74-06101 7-12 2B	BIOCHEMISTRY. An On-Line Spectrophotometer for Collection	W74-06567 7-13 5C
Land Disposal of Waste Water: Processes,	of Manipulation of Absorbance Spectra,	GEORGIA UNIV., ATHENS. INST. OF
Design Criteria, and Planning Considerations, W74-11569 7-22 5D	W74-00272 7-01 7C	ECOLOGY. The Value of the Tidal Marsh,
	GEORGIA UNIV., ATHENS. DEPT. OF	W74-05782 7-11 2L
Analysis of Urban Land Treatment Measures for Flood Peak Reduction,	CHEMISTRY. Determination of Chromium in Biological Sam-	NTA and Mercury in Artificial Stream
W74-13043 7-24 4A	ples Using Chemiluminescence, W74-12496 7-23 5A	Systems, W74-10538 7-20 5B
GEORGIA INST. OF TECH., ATLANTA.		
SCHOOL OF GEOPHYSICAL SCIENCES.	Electron Spectroscopy (ESCA): Use for Trace Analysis,	An Improved Methylthymol Blue Procedure for Automated Sulfate Determination,
Organic and Inorganic Geochemistry of Some Coastal Plain Rivers of the Southeastern	W74-12499 7-23 5A	W74-12228 7-23 2K
United States, W74-05503 7-11 5B	GEORGIA UNIV., ATHENS. DEPT. OF DAIRY SCIENCE.	GEORGIA UNIV., ATHENS. INST. OF NATURAL RESOURCES.
GEORGIA-PACIFIC CORP., BELLINGHAM,	Endogenous Zinc Excretion and 65Zinc Metabolism in Holstein Calves Fed Inter-	The Ex Post Measurement of Benefits and Costs in Small Watershed Projects,
WASH.	mediate to High But Nontoxic Zinc Levels in	W74-02212 7-05 6B
Mercury Recovery from Process Sludges, W74-11699 7-22 5D	Practical Diets, W74-07954 7-15 5C	The Identification and Quantification of the
GEORGIA-PACIFIC CORP., DELAIR, N.J.		Net Effects of Multiple-Purpose River Basin
Mill Waste Treatment by Flotation at Delair,	GEORGIA UNIV., ATHENS. DEPT. OF ENTOMOLOGY.	Development, W74-04854 7-10 4A
W74-03545 7-07 5D	Studies on Southeastern Aquatic Insects,	
GEORGIA STATE UNIV., ATLANTA. DEPT. OF	W74-07740 7-15 5C	Survey of Economic-Ecologic Impacts of Small Watershed Development,
BIOLOGY.	GEORGIA UNIV., ATHENS. DEPT. OF GEOLOGY.	W74-11680 7-22 6B
Microbial-Facilitated Degradation of Oil: A Prospectus,	Stratigraphy and Economic Geology of the	GEORGIA UNIV., ATHENS. SCHOOL OF
W74-08610 7-16 5B	Coastal Plain of the Central Savannah River Area, Georgia,	FOREST RESOURCES. Radionuclide Biomagnification in Coastal-Plain
Degradation of Crude Oil by Yeasts and its Ef-	W74-01122 7-03 2J	Deer,
fects on Lesbistes reticulatus, W74-08639 7-16 5C	Studies on the Validity of Darcy's Law for	W74-05189 7-10 5B
	Flow in Natural Sands,	The Role of Soil Water in the Hydrologic
GEORGIA UIV., ATHENS. INST. OF ECOLOGY., AND FOREST SERVICE (USDA),	W74-04307 7-09 2F	Behavior of Upland Basins, W74-05913 7-11 2G
SOUTHEASTERN FOREST EXPERIMENT	Application of Chelating Ion Exchange Resins for Trace Element Analysis of Geological Sam-	The Relationship of Land Use to Domestic Sur-
STATION. FRANKLIN, N.C. An Optical Planimeter for Leaf Area Deter-	ples Using X-Ray Fluorescence,	face Water Supply in Georgia,
mination,	W74-11364 7-21 5A	W74-13047 7-24 4A
W74-12229 7-23 2I	GEORGIA UNIV., ATHENS. DEPT. OF	GEORGIA UNIV., ATHENS. SPECIAL TASK
GEORGIA UNIV., ATHENS.	HORTICULTURE. Growth of Subirrigated Japanese Holly as Af-	FORCE COMMITTEE. A Planning Concept for the Georgia Coastal
Contract to Our line of PDTC 1 Income	fected by Soil Type and Depth.	Zone.
Cartographic Quality of ERTS-1 Images, W74-06620 7-13 7C	W74-09600 7-18 2I	W74-05998 7-12 2L

UMWELTFORSCHUNG M.B.H., NEUHERBERG

Determination of Eight Metals in the Interna-

tional Biological Standard by Flameless

GESELLSCHAFT FUER STRAHLEN- UND

BEI MUNICH (WEST GERMANY).

GEORGIA UNIV., EXPERIMENT. DIV. OF

Composition and Waste Load of Unit Effluents

from a Commercial Leafy Greens Canning

M.B.H., KARLSRUHE (WEST GERMANY).

D Work,

W74-04171

Disposal of Radioactive Wastes into the Un-

derground in the Federal Republic of Germany

- A Survey on Practical Experience and R and

FOOD SCIENCE.

ZOOLOGY INST.

GHENT RIJKSUNIVERSITEIT (BELGIUM).

Limnological Aspects of Some Moroccon Atlas

Lakes, with Reference to Some Physical and

LENINGRAD (USSR).

okeana),

W74-07506

7-02 2D

Problem of Calculating Depth of the Quasiu-

niform Layer of the Ocean (K voprosu o

raschete tolshchiny kvaziodnorodnogo sloya

Operation, W74-04904	7-10 5A	tional Biological Standard by Atomic-Absorption Spectrometry,	Flameless	Chemical Variables, the Nature and Distrib
W /4-04904	7-10 3A	W74-04868	7-10 5A	tion of the Phyto- and Zooplankton, Including
GEORGIA UNIV., SAPELO ISLAN	D. MARINE			Note on Possibilities for the Development of Inland Fishery.
INST.		GESELLSCHAFT FUER STRAHLEN		W74-13476 7-24
Beach Profiles of a Georgia Barri		UMWELTFORSCHUNG M.B.H., NE		W /4-13470 /-24
W74-04736	7-09 2J	BEI MUNICH (WEST GERMANY). I FUER STRATIGRAPHIE.	NSIIIUI	GIBBS AND HILL, INC., NEW YORK.
Eolian Cross-Bedding in the Be	ach Dune En-	Asse Salt Mine, Federal Republic of	of Germany	Virus Removal by Diatomaceous-Earth Filt
vironment, Sapelo Island, Georgi		Operating Facility for Underground		tion - Part 1,
W74-04737	7-09 2J	Radioactive Wastes,		W74-08215 7-16
		W74-03358	7-07 5E	Reverse Osmosis Cuts Solids.
High-Angle Beach Stratification,	Sapelo Island,	GESELLSCHAFT FUER		W74-13280 7-24
Georgia, W74-04738	7-09 2J	STRAHLENFORSCHUNG M.B.H., M	UNICH	
W /4-04/38	7-09 23	(WEST GERMANY). INSTITUT FUE	R	GIDROKHIMICHESKII INSTITUT,
Rhomboid Ripple Mark, Indica	tor of Current	RADIOHYDROMETRIE.		NOVOCHERKASSK (USSR).
Direction and Environment,		Deuterium and Oxygen-18 Meas		A Hydrochemical Description of Mouths
W74-04739	7-09 2J	Surface Waters of the Bavarian Pro		Rivers Flowing into the Tsimlyansk Reserv
		W74-11550	7-22 2K	(Gidrokhimicheskaya kharakteristika ust')
Development and Geologic Signi	ficance of Soft	GEULPH UNIV., (ONTARIO). DEPT	OF LAND	rek, vpadayushchikh v Tsimlyanskoye vode
Beach Sand,	# 00 AV	RESOURCE SCIENCE.		hranilische),
W74-04757	7-09 2J	Sensitivity Analysis of Input Paran	neters in Nu-	W74-03252 7-07
Existing Aerial Photographic	Resources of	merical Modeling of Steady Str	te Regional	Sodium/Potassium Ratio in Water of the D
Coastal Georgia and a Brief		Groundwater Flow,		River (Sootnosheniye natriya i kaliya v vode
terpretative Aids,	Listing of the	W74-09900	7-19 2F	Dona),
W74-05042	7-10 2J	0 4 7	**	W74-03253 7-07
		On the Interaction of Water and port in Frozen and Unfrozen So		
Erosional and Depositions		Theory; the Vapor Phase,	us: 1. Basic	Distribution Patterns of Organic Matter
'Terraces,' Southeastern United		W74-10215	7-19 2C	River Waters of the Wooded Tundra Zo
W74-07246	7-14 2L			(Zakonomernosti raspredeleniya
Monitoring Toxaphene Contac	mination in a	On the Interaction of Water and		ganicheskogo veshchestva rechnykh v
Georgia Estuary,	mination in a	port in Frozen and Unfrozen S	oils: II. The	lesotundrovoy zony),
W74-11443	7-21 5B	Liquid Phase,	7-19 2C	W74-03255 7-07
		W74-10216	7-19 20	Chemical Composition of Water in Agrakh
Effects of Toxaphene Conf	tamination on	GHANA UNIV., LEGON. VOLTA BA	SIN	skiy Bay (O khimicheskom sostave vo
Estuarine Ecology,		RESEARCH PROJECT.		Agrakhanskogo zaliva),
W74-12592	7-23 5C	Changes in the Heterotrophic Bact	eria of Volta	W74-03527 7-07
CECCOURCE INTERNATIONAL	INC CEAL	Lake, 1968-1971,		
GEOSOURCE INTERNATIONAL BEACH, CALIF, GEOSCIENCE D		W74-08434	7-16 5C	Character of Seasonal Distribution
Evaluation of Water Penetration		GHENT RIJKSUNIVERSITEIT (BEI	CHIM)	Mineralization of Water in the Tsimlyan
for Bottom Sediment Mapping in		Ecological Study of the Cyan		Reservoir (O kharaktere sezonnogo r
Catalina Island.	Little Haibbi,	Chlorophytes in Some Ponds Are		predeleniya mineralizatsii vody Tsimlyansko
W74-01949	7-04 7B	Determination of the Degree of		vodokhranilishcha),
		Accordance with Schroever's PD		W74-03528 7-07
GEOSYSTEMS CORP., N.Y.		German),		Minnellandian and Larie Gameraidian of Ye
Energy Shortage Stimulates G	eothermal Ex-	W74-01012	7-02 5C	Mineralization and Ionic Composition of Ice
ploration,				Some Water Bodies of the Northern Cauca
W74-10851	7-20 4B	A Culture System for Artemia, I		(O rezhime mineralizatsii i ionnogo sostava l nekotorykh vodoyemov Severnogo Kavkaza
CERACHTY AND MILLER INC.	DODT	Other Invertebrates, with Continuition of the Larvae.	uous Separa-	W74-03529 7-07
GERAGHTY AND MILLER, INC.	, PORI	W74-03283	7-07 5A	W 14-03325
WASHINGTON, N.Y. Groundwater Contamination in	the Morthonet	W 74-03203	1-01 JA	Microelement Content and Regime in Wa
States.	the Northeast	GHENT RIJKSUNIVERSITEIT (BEI	.GIUM).	and Suspended Solids in the Volga River Ba
W74-11806	7-22 5B	DEPT. OF CIVIL ENGINEERING.		(Soderzhaniye i rezhim mikroelementov v ve
W/4-11800	7-22 30	Solutions for Lateral Outflow i	n Perforated	i vo vzveshennykh veshchestvakh v basseyn
GERAGHTY AND MILLER, POR	T	Conduits,		Volgi),
WASHINGTON, N.Y.		W74-07433	7-14 8B	W74-03533 7-07
Ground Water and the Geothern	nal Resource.	GHENT RIJKSUNIVERSITEIT (BEI	GIUM).	B1.3.4. 1.61 1.4. 4.6.
W74-04586	7-09 4B	LAB. FOR PHARMACEUTICAL		Distribution and Characteristics of Orga
C I B	Ar. L.	MICROBIOLOGY.		Matter in River Waters of the Tundra Zo
Groundwater Pollution Features	of Federal and	Urease Activity of Enterobacteria	ceae: Which	(Raspredeleniye i osobennosti organichesk
State Satutes and Regulations, W74-07614	7-15 5G	Medium to Choose,		veshchestv rechnykh vod tundrovoy zony), W74-03534 7-07
W /4-0/014	7-13 3G	W74-04888	7-10 5A	1-07
GESELLSCHAFT FUER KERNFO	RSCHUNG	GHENT RIJKSUNIVERSITEIT (BEI	CHIM	GIDROMETEOROLOGICHESKII INSTITUT,
		GILDITE RIPROUNT PERGILETT (DE	4 T. F. S. L. L. T. T. T. S.	

LABORATORIUM VOOR SYSTEMATIEK

New Points of View on the Phytogeographic

Position of the High Ardennes, (In German), W.

MORFOLOGIE.

Van Cotthem.

W74-01025

7-08 5E

GIDROMETEOROLOGICHESKII NAUCHNO-ISSLEDOVATELSKII TSENTR.

GIDROMETEOROLOGICHESKII NAUCHNO-	
ISSLEDOVATELSKII TSENTR,	

LENINGRAD(USSR). Determination of Geometric and Hydraulic Characteristics of a Stream Channel by Solution of Inverse Problems for Saint Venant Equations (Opredeleniye geometricheskikh i gidravlicheskikh kharakteristik rechnogo rusla putem resheniya o bratnykh zadach dlya uravneniv Sen-Venana).

W74-08707

GIDROMETEROLOGICHESKII INSTITUT, LENINGRAD (USSR).

Models of Spring Runoff Formation and Problems in Their Use for Forecasting the Flood Hydrograph, W74-05842 7-11 2A

GIFFELS ASSOCIATES, INC., DETROIT, MICH.

Waste Treatment: Upgrading Poultry-Processing Facilities to Reduce Pollution, 7-17 5D W74-09079

GILBERT ASSOCIATES, INC., READING, PA.

Master Plan for Water Supply and Wastewater Management in Luzerne County, Pennsylvania; Volume I--General, Sewerage Planning, Appendices.

W74-02861

Master Plan for Water Supply and Wastewater Management in Luzerne County, Pennsylvania: Volume 2--Water Planning. W74-02862 7-06 6E

GILBERT (J.B.) AND ASSOCIATES,

SACRAMENTO, CALIF.

Ground Water Pollution--From the Waste Discharger's Viewpoint, W74-06955 7-13 5G

The Water Industry in the Decade of Environmental Concern. W74-13268 7-24 5G

GILLETTE CO. RESEARCH INST.,

ROCKVILLE, MD.

The Development of Phosphate Free Heavy Duty Detergents, W74-08830

GLASGOW UNIV. (SCOTLAND).

Pore Water and Heaving Pressures Developed in Partially Frozen Soils, W74-04389 7-09 2C

GLASGOW UNIV. (SCOTLAND). DEPT. OF CHEMISTRY.

Organomercurials in the Environment, 7-10 5B W74-05248

GLASGOW UNIV. (SCOTLAND). DEPT. OF MATERIA MEDICA.

Drinking Water as a Source of Lead Pollution, W74-13234 7-24 5B

GLOBAL MARINE INC., LOS ANGELES,

Method of Clearing a Path Through Ice, W74-11051 7-21 8C

GODDARD SPACE FLIGHT CENTER. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GREENBELT, MD.

Analysis of Some Methods for Obtaining Sea Surface Temperature from Satellite Observations,

W74-12063 7-23 7C

GODUDARSTVENNYI GIDROLOGICHESKII INSTITUT, LENGINGRAD (USSR).

Accuracy and Rationalization River Discharge Measurements, W74-11527 7-22 7B

GOETTINGEN UNIV. (WEST GERMANY). INST. OF SOIL SCIENCE AND FOOD NUTRITION.

Desorption and Dissolution of Salts from Soils as a Function of Soil Water Ratio. W74-01604

GOETTINGEN UNIV. (WEST GERMANY). SEDIMENT-PETROGRAPHISCHES INSTITUT.

Occurrence of Li, B, Cu, and Zn in Some Egyptian Nile Sediments, 7-18 5B W74-09779

GOODYEAR ATOMIC CORP., PIKETON, OHIO.

Portsmouth Gaseous Diffusion Plant (Ohio) Environmental Monitoring Report - 1972, W74-09856

GOODYEAR ATOMIC CORP., PORTSMOUTH,

Environmental Effects of the Construction and Operation of a Gaseous Diffusion Plant. W74-07781

GORI AGRICULTURAL INST. (USSR). DEPT. OF ORGANIC BIOLOGICAL CHEMISTRY.

Effect of Fertilizers and Irrigation Conditions on Yield, Chemical Composition, Baking Qualities of Winter Wheat Grain of Bezostava 1 Cultivar. (In Russian), 7-09 3F W74-04830

GORKII STATE UNIV. (USSR).

Seasonal Variations in the Diet of Anatidae in the Gorki Water Storage Basin, (In Russian), W74-13354 7-24 2H

GORKII STATE UNIV. (USSR). DEPT. OF ZOOLOGY

Primary Production and Destruction of Organic Matter in 2 Lakes of Different Types, (In Russian) W74-03944 7-08 5C

GORKOVSKII GOSUDARSTVENNYI

PEDAGOGICHESKII INSTITUT (USSR).

A Horizontal Distribution of Oribatids in Exhausted Peat-Bogs of the Balachninskaya Lowland, (In Russian), W74-02820 7-06 2H

Suspended-Sediment Yield in Rivers of Gor'kiy Oblast as an Indication of Recent Erosion Processes (Stok vzveshennykh nanosov v rekakh Gor'kovskov obl. kak pokazatel' razvitiya sovremennykh erozionnykh protsessov), W74-07507 7-14 2J

GORKOVSKII MEDITSKINSKII INSTITUT (USSR). DEPT. OF HYGIENE.

Field Experience in the Sanitary-Hygienic Control of Pipe Lines in the Water Supply System, (in Russian). W74-11186

GORKOVSKII ZAVOD ORGSINTEZ (USSR).

Catalytic Oxidation and Thermal Treatment of Waste Waters (Kataliticheskoe okislenie i termicheskoe obezvrezhivanie stochnykh vod), W74-04537 7-09 SD

GOSUDARSTVENNYI GIDROLOGICHESKI INSTITUT, LENINGRAD (USSR).

Application of Satellite Data for Hydrologic Purposes (Ispol'zovaniye sputnikovoy informatsii dlya gidrologicheskikh tseley), W74-08049

GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT, LENINGRAD (USSR).

Use of the Gamma Field of the Earth to Determine the Water Content of Soils. W74-00108

Results of an Operational Test of M-100 Radio-Electronic Snow Gages, W74-00109 7-01 2C

Effect of an Error in the Determination of the Maximum Water Equivalent of Snow in a Basin on the Forecast Accuracy of the Spring Flood Volume W74-00110 7-01 2C

Surface-Water Resources of the USSR and Their Change Resulting from Human Economic Activity (Resursy poverkhnostnykh vod SSSR i ikh izmeneniye pod vliyaniyem khozyaystvennov devatel'nosti), 7-03 4A W74-01133

Urbanization and Its Effects on Regimen and Quality of Surface Waters (Urbanizatsiya i yeye vliyaniye na rezhim i kachestvo poverkhnostnykh vod). W74-01139 7-03 4C

Water-Balance Method and Its Practical Importance, (Metod vodnogo balansa i yego prakticheskoye znacheniye), W74-02308 7-05 2A

Problems in Mathematical Modeling of Hydrologic Processes (Voprosy matematicheskogo modelirovaniya gidrologicheskikh protsessov). 7-08 2A

Application of Statistical Methods in Hydrology (Primeneniye statisticheskikh metodov v gidrologii). W74-03831 7-08 6B

Problems in Hydrologic Forecasting (Voprosy gidrologicheskikh prognozov). W74-05141 7-10 4A

Long-Range Forecast of Duration of Ice Phenomena on the Danube River (Dolgosrochnyy prognoz prodolzhitel'nosti ledovykh yavleniy na r. Dunaye), W74-05142 7-10 2C

Effect of Hydrometeorological Conditions on Time of Ice Formation on Rivers in the Baltic Sea Region and Belorussia (Vhyaniye gidrometeorologicheskikh uslovity na sroki poyavleniya l'da na rekakh Pribaltiki i Belorussii) W74-05143

Forecasting the Maximum Level of Ice Jams on the Severnaya Dvina River at Arkhangel'sk (Prognoz maksimal'nogo zatornogo urovnya vody r. Severnoy Dviny u g. Arkhangel'ska), W74-05144

Forecasting Maximum Flood Levels on the Dniester River (Prognoz maksimal'nykh pavodochnykh uroveny vody r. Dnestra), W74-05145 7-10 4A

ORGANIZATIONAL INDEX GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO

International Cooperation of Hydrologists (Mezhdunarodnoye gidrologov), W74-08047 7-15 7A

Present Problems in the Study of Surface-Water Quality (Aktual'nyye problemy issledovaniya kachestva poverkhnostnykh vod), W74-08050 7-15 5G

Problem of Assessing Effects of Human Activity on Surface-Water Resources (K probleme otsenki vliyaniya deyatel'nosti cheloveka na resursy poverkhnostnykh vod),

W74-08053
7-15 4A

All-Union Hydrologic Congresses (Vsesoyuznyye gidrologicheskiye syezdy), W74-08056 7-15 6E

Problems of the Regime and Investigation of Lakes and Reservoirs (Voprosy rezhima i issledovaniya ozer i vodokhranilishch), 7,17 2H

Water Balance of Lake Baykal (Vodnyy balans oz. Baykal), W74-09101 7-17 2H

Refinement of the Precipitation Amount as Applied to Calculation of Water Balance of Lake Baykal, (Utochneniye velichiny osadkov primenitel'no k raschetu vodnogo balansa oz. Baykal).

W74-09102 7-17 2H

Results of On-site Investigations of Currents in the Southern Part of Lake Baykal (Rezul'taty naturnykh issledovaniy techeniy v yuzhnom Baykale), W74-09103 7-17 2H

Problem of the Processes of Internal Water Exchange and Turbulence in Lake Baykal (K voprosu o protsessakh vnutrennego vodoobmena i turbulentnosti na oz. Baykal), W74-09104 7-17 2H

A Dynamic Method and Its Application to Investigations of Currents in Inland Bodies of Water (Dinamicheskiy metod i yego primeneniye dlya issledovaniy techeniy vo vnutrennikh vodoyemakh),

W74-09105 7-17 2H

Long-Term Characteristics of the Temperature Regime of Lake Ladoga (Mnogoletniye kharakteristiki temperaturnogo rezhima Ladozhskogo ozera),

W74-09106 7-17 2H

Depth Distribution of Water Temperature in the Kakhovka Reservoir (Raspredeleniye temperatury vody po glubine v Kakhovskom vodokhranilishche), W74-09107 7-17 2H

Thermal Characteristics and Vertical Exchange in Meromictic Lakes as Illustrated by Lake Gek-Gel' (Termicheskiye osobennosti i vertikal'nyy obmen v meromikticheskikh ozerakh na primere oz. Gek-Gel'),
W74-09108
7-17
2H

A Comparative Estimate of Energy Losses in Water Bodies and in Tranquil and Turbulent Flows (Sravnitel'naya otsenka poter' energii v vodoyemakh, spokoynykh i burnykh potokakh),

W74-09109 7-17 2H

Statistical and Spectrum Analyses of Wind Waves on the Kayrakkum Reservoir (Statisticheskiy i spektral'nyy analizy vetrovogo volneniya na Kayrakkumskom vodokhranilishche),

Volume of Water in Rivers, Lakes, and Reservoirs of the Soviet Union (Ob''yem vody v rekakh, ozerakh i vodokhranilishchakh Sovetskogo Soyuza),
W74-09111
7-17 2H

Water Balance of World Lakes and Reservoirs (Vodnyy balans ozer i vodokhranilishch zemnogo shara), W74-09112 7-17 2H

A Modified Method of Aerial Survey of Shadows to Study Snow Cover (Novyy variant sposoba aerofotos'yemki teney dlya izucheniya

snezhnogo pokrova), W74-09930 7-19 2C

Possibility of Mapping Ice Conditions on Large Lakes From Satellite Imagery (Vozmozhnost' kartirovaniya ledovoy obstanovki na krupnykh ozerakh po snimkam s iskusstvennykh sputnikov Zemli), W74-10266 7-19 2C

Problems of the Effect of Human Activity on Water Resources and Water Regime (Voprosy vliyaniya khozyaystvennoy deyatel'nosti na vodnyye resursy i vodnyy rezhim), W74-10626 7-20 4C

Methods of Evaluating the Effect of a Complex of Human Factors on Water Resources and Water Regime of Watersheds (O metodakh otsenki vliyaniya kompleksa faktorov khozyaystvennoy deyatel'nosti na vodnyye resursy i vodnyy rezhim vodosborov),

7-20 4C

W74-10627

Irretrievable Runoff Losses of the Volga River Through Evaporation From Reservoirs of the Volga-Kama Cascade (Bezvozvratnyye poteri stoka r. Volgi za schet ispareniya s vodokhranilishch Volzhsko-Kamskogo kaskada), W74-10628 7-20 4A

Calculation of Groundwater Recharge and Evaluation of the Effect of Land- and Forest-Improvement Practices (Raschet pitaniya gruntovykh vod i otsenka vllyaniya na nego agrolesomeliorativnykh meropriyatiy), W74-10629 7-20 4C

Evaluation of the Effect of Human Activity on Runoff of Large Rivers in the Caucasus (Kura, Terek, Kuban') (Otsenka vliyaniya khozyaystvennoy deyatel'nosti na stok krupnykh rek Kavkaza (Kura, Terek, Kuban')), W74-10630

Hydrologic Aspects of Urbanization (Gidrologicheskiye aspekty urbanizatsii), W74-10631 7-20 4C

Impact of Urbanization on Quality of River Water (Vliyaniye urbanizatsii na kachestvo rechnykh vod), W74-10632 7-20 5B

Preliminary Estimate of the Effects of Irrigated Agriculture on Streamflow in the Lake Balkhash Basin (Predvaritel naya otsenka vliyaniya oroshayemogo zemledeliya na rechnoy stok v basseyne oz. Balkhash),

W74-10633

7-20 4C

Overland Flow and Its Variability Under the Effect of Agricultural and Forest-Improvement Practices (Sklonovyy stok i yego izmeneniye pod vliyaniyem agrotekhnicheskikh i lesomeliorativnykh meropriyatiy), W74-10634 7-20 4A

Investigation and Calculation of Ice Jams (Issledovaniye i raschety zatorov i zazhorov l'da).

W74-11445 7-21 2C

The Analysis of the Possibilities of Current Meter Operation in Turbulent Streams, W74-11501 7-22 7B

The Application of an Orientation System for Continuous Observations for the Compilation of River Channel Maps by Means of an Echo Sounder,
W74-11537
7-22
7B

The Criterion of Information Sufficiency with Automation of Hydrological Measurements, W74-11561 7-22 7B

GOSUDARSTVENNYI KOMITET PO ISPOLZOVANIYU ATOMNOI ENERGII SSSR, MOSCOW.

Disposal of Radioactive Wastes, W74-04445 7-09 5D

Ratio of CS-137 -- SR-90 in Ocean and Sea Water, W74-11959 7-22 5B

GOSUDARSTVENNYI KOMITET PO ISPOLZOVANIYU ATOMNOI ENERGII SSSR, OBNINSK. FIZIKO-ENERGETICHESKII INSTITUT.

Calculation of Heat Transfer in Turbulent Flow with Allowance for Secondary Flow, W74-02904 7-06 8B

GOSUDARSTVENNYI MEDITSINSKII INSTITUT, ORENBURG (USSR). DEPT. OF BIOLOGY,

Characteristics of Bacterioplankton of the Ural River in the Orenburg Region, (In Russian), W74-12497 7-23 5C

GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII I PROEKTNYI INSTITUT AZOTNOI PROMYSHLENNOSTI I PRODUKTOV ORGANICHESKOGO SINTEZA, MOSCOW (IJSSR).

Organophosphorus Compounds Containing A P-N-Bond, W74-01792 7-04 5B

GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZYAISTVA, LENINGRAD (USSR).

Increase of Resistance of Carp to Dropsy by Means of Breeding. II. Course of Selection and Evaluation of the Breed Groups, (In Russian), W74-01560 7-03 5C

Diet of the Mesocyclops leuckarti (Claus) and Leptodora kindtii (Focke) Populations in Lake Ilmen, (In Russian), W74-04091 7-08 2H

Comparative Analysis of Feeding of One-Summer-Old Peled Coregonus Peled (Gmelin), Chir Coregonus Nasus (Pallas) and Their Hybrids Grown Together, (In Russian), W74-12163 7-23 8I

GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I

RECHNOGO RYBNOGO KHOZYAISTVA,	GOVERNMENT INDUSTRIAL RESEARCH	GREEN BAY METROPOLITAN SEWERAGE
SARATOV (USSR).	INST., SIKOKU (JAPAN).	DISTRICT, WIS.
Estimation of Fish Production in the Volgograd	Studies of Renovation of Pulp Mill Wastewater	Joint Treatment of Municipal and Pulp Mill E
Water Reservoir, (In Russian),	Pilot Plant Tests for Granular Activated Carbon	fluents,
W74-00480 7-01 2H	Adsorption of Kraft Pulp Mill Wastewater, (In	W74-09473 7-18 51
GOSUDARSTVENNYI PROEKTNO-	Japanese), W74-08778 7-17 5D	GREEN BAY PACKAGING INC., WIS.
IZYSKATELSKII I NAUCHNO-	W74-08778 7-17 5D	Process Water Reuse and Upset Contro
ISSLEDOVATELSKII INSTITUT MORSKOGO	GOVERNMENT VITAMIN LAB., BERGEN	Modifications at an Integrated NSSC Mill,
TRANSPORTA 'SOYUZMORNIIPROEKT',	(NORWAY).	W74-02283 7-05 5
MOSCOW (USSR).	The Determination of Cobalt in Fish Tissue by	
Systems of a Wind-Wave Field (Sistemy polya	Atomic Absorption Spectrophotometry,	Effects of Waste Water Recycle in a Paper
vetrovykh voln),	W74-05399 7-10 5A	board Mill,
W74-10258 7-19 2E	7,7,000	W74-05254 7-10 5
GOTEBORG UNIV. (SWEDEN). DEPT. OF	GRACE (W. R.) AND CO., BALTIMORE, MD.	CREEN ENGINEERING CO. CENTON EV. B.
ANALYTICAL CHEMISTRY.	POLLUTION CONTROL SYSTEMS.	GREEN ENGINEERING CO., SEWICKLEY, PA
A New Set of Acidity Constants for Carbonic	Use of Ozone and Oxygen in Advanced Waste	Comprehensive Water Systems Needs Plan
Acid and Boric Acid in Sea Water,	Water Treatment,	1970-2000, Allegheny County, Pennsylvania. W74-03650 7-07 3
W74-00046 7-01 5A	W74-11103 7-21 5D	W74-03650 7-07 3
P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CDANTIEV CO. IEPEPPON ONIO	GREEN (HOWARD R.) CO., CEDAR RAPIDS,
Evaluation of the Accuracy of Gran Plots by	GRANTLEY CO., JEFFERSON, OHIO.	IOWA.
Means of Computer Calculations. Application	(ASSIGNEE)	A Review of Cost Estimates for Proposed an
to the Potentiometric Titration of the Total Al- kalinity and Carbonate Content in Sea Water,	Method and Means for Absorbing Crude Oil	Alternative Designs, Ames Reservoir, Skun
W74-01365 7-03 2K	and the Like for Transportation and Recovery, W74-00959 7-02 5G	River, Iowa.
17-01303 7-03 ZK	W /4-00939 /-02 3G	W74-11625 7-22 6
The Potentiometric Titration of Potassium in	GRASSLAND RESEARCH INST., HURLEY	
Sea Water with a Valinomycin Electrode,	(ENGLAND).	GREENLANE HOSPITAL, AUCKLAND (NEW
W74-01442 7-03 5A	Losses of Nitrogen and Other Plant Nutrients	ZEALAND). PATHOLOGY DEPT.
Extraction of Boric Acid with Aliphatic 1,3-	to Drainage from Soil Under Grass,	Bis-Aroylhydrazones of Alpha-Diketones
Diols and Other Chelating Agents,	W74-12723 7-23 5B	Reagents for Colorimetric and Fluorimetr
W74-02368 7-05 5A		Determinations of Calcium, Cadmium an
7-03 311	GRASSLAND RESEARCH INST., HURLEY	other Cations, W74-00286 7-01 2
The Oxidation Rate of Sulphide in Sea Water,	(ENGLAND). SOILS PLANT NUTRITION DIV.	W /4-00286 /-01 2
W74-10365 7-20 5B	Plant-Available and Extractable Sulfur in Some	GREGORY GEOSCIENCE LTD., OTTAWA
Confirmation Station on Behaviorated	Soils of England and Wales,	(ONTARIO).
Confirmation Studies on Polychlorinated Biphenyls (PCB) from River Waters Using	W74-01997 7-04 2G	Preliminary Assessment of Geological Applic
Mass Fragmentography,	GRAZ UNIV. (AUSTRIA). HYGIENE-INSTITUT.	tions of ERTS-1 Imagery from Selected Area
W74-10820 7-20 5A	Environmental Protection-Attempt at a Critical	of the Canadian Artic,
W74-10020 7-20 3R	Observation, (In German),	W74-01700 7-04 2
GOTENBURG UNIV. (SWEDEN). DEPT. OF	W74-13357 7-24 5G	
ANALYTICAL CHEMISTRY.	W14-13337 1-24 3G	GRENOBLE UNIV. (FRANCE).
A Fluorimetric Determination of Lignin Sul-	GREAT OUSE RIVER AUTHORITY	LABORATOIRES DE MECANIQUE DES
fonates from Natural Waters in Presence of	(ENGLAND).	FLUIDES.
Humic Substances,	Aspects of Monitoring and Control of Water	Effects of Air Pressure During Water Flow
W74-03079 7-06 5A	Quality,	an Unsaturated, Stratified Vertical Column of Soil.
Simple Apparatus for On-Site Continuous	W74-12117 7-23 5A	W74-12833 7-24 2
Liquid-Liquid Extraction of Organic Com-		11-12-033
pounds from Natural Waters,	GREATER CHICAGO METROPOLITAN	GRODNENSKII SELSKOKHOZYAISTVENNYI
W74-08414 7-16 5A	SANITARY DISTRICT, ILL.	INSTITUT (USSR).
COMPRESSED FORMS	Engineering Work Leading to a Rock Tunnel	The Effect of Different Tillage Methods on the
GOVERNMENT FOREST EXPERIMENT	Plan,	Physical Properties of Soil, (In Russian),
STATION, TOKYO (JAPAN).	W74-02853 7-06 8A	W74-05378 · 7-10 2
Effect on Streamflow of Forest Cutting and Change in Regrowth on Cut-Over Area, (In	The Jacking Method in Tunnel Construction,	analikani ni walioni name-
Japanese),	W74-02855 7-06 8A	GRONINGEN RIJKSUNIVERSITEIT
W74-01782 7-04 4C	17-102033 /-00 8A	(NETHERLANDS). DEPT. OF
	GREATER LONDON COUNCIL (ENGLAND).	MICROBIOLOGY.
GOVERNMENT INDUSTRIAL RESEARCH	DEPT. OF PUBLIC HEALTH ENGINEERING.	Rhodopseudomonas Sulfidophila, Nov. Spec
INST., NAGOYA (JAPAN).	Computer Services and Application in the	A New Species of the Purple Nonsulfur Ba teria.
An Automated Method for the Dertemination	Greater London Council's Department of	W74-01544 7-03 5
of Trace Amounts of Metal Ions by Ion-	Public Health Engineering.	7-03

Exchange Chromatography. Determination of zinc (II) in Waters,

7-03 5A W74-01438

Water Quality Monitoring Systems for Environmental Water and Industrial Effluent in W74-10961 7-21 5G

GOVERNMENT INDUSTRIAL RESEARCH

INST., SHIKOKU (JAPAN).
Studies on Renovation of Pulp Mill Waste Water: Pilot-Plant Tests for Granular Activated Carbon Adsorption of Kraft Pulp Mill Wastewater (In Japanese), W74-09457 7-18 5D W74-12129 7-23 5G

GREELEY AND HANSEN, CHICAGO, ILL.

Hydraulics of Water Distribution Systems, W74-05007 7-10 5F

Reactions of Chloramines with Active Carbon, W74-07544 7-14 5B

GREEN ASSOCIATES, INC., TOWSON, MD.

Regional Landfill and Construction Material Needs in Terms of Dredged Material Characteristics and Availability: Volume 1: Main Text; Volume II: Appendixes, W74-10624 7-20 5G

GRONINGEN RIJKSUNIVERSITEIT (NETHERLANDS). GEOLOGICAL INST.

Size and Shape Sorting in a Dutch Tidal Inlet, W74-07329 7-14 2L

GROUPEMENT DE LA CELLULOSE, SAINT-GAUDENS (FRANCE). RESEARCH LAB.

Oxygen Bleaching -- A Flexible Process for Pollution Abatement, W74-07376 7-14 5D

GROVE CITY COLL., PA. DEPT. OF BIOLOGY. Ecology and Productivity of Strip-Mine Areas in Mercer County, Pennsylvania, W74-07055 7-14 5B

GUNMA UNIV., MAEBASHI(JAPAN). DEPT. OF HYGIENE.

GROVE CITY COLL., PA. DEPT. OF ECONOMICS.	GUELPH UNIV. (ONTARIO). DEPT. OF GENETIC BOTANY.	GULF ENVIRONMENTAL SYSTEMS CO., SAN DIEGO, CALIF.
Controlling Pollution,	Zinc Toxicity in Hydroponic Culture,	Control of Fouling of Reverse Osmosis Mem-
W74-09128 7-17 5D	W74-11045 7-21 5C	branes When Operating on Polluted Surface Waters,
GROZNENSKII NEFTYANOI INSTITUT (USSR).	GUELPH UNIV. (ONTARIO). DEPT. OF LAND	W74-01908 7-04 3A
Utilization of Thermal Waters from Oil	RESOURCE SCIENCE.	
Deposits of the Caucasus,	Nitrate Content of Percolates from Manured	Development of Second Generation Spiral
W74-08988 7-17 4B	Lysimeters, W74-00417 7-01 5B	Membrane Reverse Osmosis Elements, W74-01910 7-04 3A
GRUMMAN AEROSPACE CORP., BETHPAGE,	V 1 A V 4 4 C Cl- 1	W 14-01210
N.Y.	Land Application of Sewage Sludge, W74-07266 7-14 5D	Interaction of Feedwater Colloids with the Sur-
Study of Water Recovery and Solid Waste		face of Reverse Osmosis Membranes,
Processing for Aerospace and Domestic Appli-	Effect of Corn Stover on Phosphorus in Run-	W74-01925 7-04 5D
cations: Volume 1 - Final Report Summary, W74-01280 7-03 5D	Off from Nontilled Soil, W74-12722 7-23 3F	Further Developments of Water Desalination
W 74-01280 7-03 3D	W74-12722 7-23 3F	Systems Based on Large Spiral-Wound
Interdisciplinary Monitoring of the New York	GUELPH UNIV. (ONTARIO). DEPT. OF SOIL	Reverse Osmosis Membrane Elements,
Bight,	SCIENCE.	W74-01937 7-04 3A
W74-07764 7-15 5A	Pressure-Induced Changes in the Thermal and Electrical Properties of Clay-Water Systems,	Study of Hydrophilic Membranes for Oil-Water
Treatment and Recovery of Fluoride Industrial	W74-01903 7-04 2G	Separation.
Wastes,		W74-06360 7-12 5D
W74-10543 7-20 5D	GUELPH UNIV. (ONTARIO). DEPT. OF	Destruction Web Description
GRUMMAN ECOSYSTEMS CORP.,	ZOOLOGY. Observations on Red Colored Cells of Peridini-	Development of High-Pressure Spiral Mem- brane Elements for Seawater Desalination,
BETHPAGE, N.Y.	um Wisconsinense Eddy from Buckhorn Lake,	W74-08336 7-16 3A
ERTS-1 Virgin Islands Experiment 589Deter-	Ontario,	
mine Boundaries of ERTS and Aircraft Data	W74-03320 7-07 5C	GULF GENERAL ATOMIC CO., SAN DIEGO,
within Which Useful Water Quality Informa-	Food of Larval Sea Lamprey (Petromyzon	CALIF.
tion can be Obtained,	marinus) and American Brook Lamprey	The Direct-Cycle Nuclear Gas Turbine with Economical Dry Air Cooling,
W74-09756 7-18 5A	(Lampetra lamottei),	W74-04230 7-08 5D
GRUNWALD, CRAWFORD AND ASSOCIATES,	W74-05915 7-11 2I	
INC., FRESNO, CALIF; AND ENGINEERING-	Oxygen Consumption of Limnocalanus Macru-	Development of Large Spiral Membrane
SCIENCE, INC., FRESNO, CALIF.	rus Sars (Calanoida, Copepoda) in Relation to	Reverse Osmosis Elements for Low-Cost
Central Fresno County Water and Liquid	Environmental Conditions,	Water Purification and Reclamation, W74-08338 7-16 3A
Waste Program: Volume I-Findings, Conclu-	W74-06029 7-12 5C	W/4-00330
sions, Recommendations. W74-00457 7-01 3D	Energetics of a Host-Parasite Relationship as	GULF OIL CORP., PITTSBURGH, PA.
	Illustrated by the Leech Malmiana nuda, and	(ASSIGNEE)
GRUZINSKII NAUCHNO-ISSLEDOVATESLKII	the Shorthorn Sculpin Myoxocephalus scor-	Water Aeration Equipment, W74-11047 7-21 5D
INSTITUT GIDROTEKHNIKI I MELIORATSII,	pius,	W74-11047 7-21 5D
TIFLIS (USSR). Effect of Microbiological Processes on Percola-	W74-10940 7-21 5C	GULF REGIONAL PLANNING COMMISSION,
tion of Water Through Soil,	The ABC's of Pollutant Bioassay Using Fish,	GULFPORT, MISS.
W74-12853 7-24 2G	W74-12176 7-23 5A	Regional Land Use Plan, 1973, For Hancock,
	GUELPH UNIV. (ONTARIO). SCHOOL OF	Harrison, Pearl River, Jackson Counties, Mis-
GRUZINSKII POLITEKHNICHESKII	ENGINEERING.	sissippi. W74-02120 7-04 4A
INSTITUT, TIFLIS (USSR). Thermal Waters of Georgia,	Data Acquisition and Storage for Research	744 48
W74-08987 7-17 2F	Watersheds,	GULF SOUTH RESEARCH INST., BATON
	W74-01295 7-03 7C	ROUGE, LA.
GUAM UNIV., AGANA. MARINE LAB.	Hydraulic Roughness of Corrugated Plastic	Preventing Landfill Leachate Contamination of
Algal Succession on Artificial Reefs in a	Tubing,	Water, W74-09539 7-18 5G
Marine Lagoon Environment in Guam, W74-01429 7-03 5C	W74-06589 7-13 8B	W 14-02332 7-16 3G
W 74-01429 7-03 3C	Mixing and Handling of Liquid Dairy Cattle	GULF SOUTH RESEARCH INST., NEW
GUELPH UNIV. (ONTARIO).	Manure,	ORLEANS, LA.
Studies in the Lake Ontario Basin Using ERTS-	W74-10308 7-19 5D	Improved Ethyl Cellulose Membranes for
1 and High Altitude Data,	Calculation of Evaporation from Measurements	Reverse Osmosis Application, W74-00157 7-01 3A
W74-02599 7-05 7B	of Soil Water and the Soil Water Charac-	
Nitrogen Losses Through Denitrification and	teristic,	Trace Organic Contaminants in Drinking
Other Changes in Continuously Aerated	W74-10758 7-20 2D	Water; Evaluation of Semi-Permeable Mem-
Poultry Manure,	GULF COAST RESEARCH LAB., OCEAN	branes and Osmotic Pumping to Achieve Con-
W74-09706 7-18 5D	SPRINGS, MISS.	centration, W74-10981 7-21 5F
GUELPH UNIV. (ONTARIO). COLL. OF	Digenetic Trematodes of the Chesapeake Bay,	1-21 JF
BIOLOGICAL SCIENCE.	W74-00911 7-02 2L	GULF SOUTH RESEARCH INST., NEW
Influence of Environmental Experience on	The Marshes of Mississippi,	ORLEANS, LA. DEPT. OF ANALYTICAL
Response of Yearling Rainbow Trout (Salmo	W74-02081 7-04 2L	CHEMISTRY. An Ammonium Ion-Specific Electrode,
Garidneri) to a Black and White Substrate, W74-06063 7-12 5C	Manager Condition to 18 and a War I Was I	W74-00636 7-02 2K
	Nutrient Studies in Hyperfertilized Estuarine Ecosystems. I. Phosphorus Studies,	
GUELPH UNIV. (ONTARIO). DEPT. OF CROP	W74-05061 7-10 5C	GUNMA UNIV., MAEBASHI(JAPAN). DEPT. OF
SCIENCE.		HYGIENE.
Influence of Environment and Leaf Excision on Gas Exchange of Oat Leaves,	Acetylcholinesterase Toxicity of Malathion and Its Metabolites.	Urinary Low-Molecular-Weight Proteins in Itai-Itai Disease,
W74-02084 7-04 2I	W74-05466 7-11 5C	W74-12490 7-23 5C
. 01 41		

GUSTAVUS ADOLPHUS COLL., ST. PETER, MINN.	DEPT. OF CHEMISTRY.	
GUSTAVUS ADOLPHUS COLL., ST. PETER, MINN. DEPT. OF CHEMISTRY.	Deep-Well Acid DisposalPlanning and Completion,	HARSHBARGER AND ASSOCIATES, TUCSON, ARIZ.
A Simultaneous Determination of Zinc and Cadmium.	W74-10866 7-20 5B	Exploration for a Buried Valley by Resistivity and Thermal Probe Surveys,
W74-05477 7-11 5A	HAMBURG UNIV. (WEST GERMANY). MUSEUM OF ZOOLOGY.	W74-07935 7-15 2F
GUSTAVUS ADOLPHUS COLL. ST. PETER, MINN. DEPT. OF GEOGRAPHY.	Contributions to the Knowledge About the Biology and Ecology of Freshwater Ostracods	HARTE (JOHN G.) ASSOCIATES, INC., ATLANTA, GA.; AND HARRIS (FREDERIC R.),
The Citizen and Water Management: An Atlas of Water Attitudes in Southern Minnesota,	From the Neighborhood of Hamburg, (in German).	INC., JACKSONVILLE, FLA. Area-Wide Water and Sewerage System Plan
W74-08288 7-16 6B	W74-06420 7-12 2H	and Capital Improvement Program. W74-05242 7-10 5D
GUSUDARSTVENNYI GIDROLOGICHESKII INSTITUT, LENINGRAD (USSR).	Studies on the Occurrence of Planktonic Rota- toria in Urban Waters and Their Relationship to	HARTFORD METROPOLITAN DISTRICT,
The Analysis of Float and Hydrostatic Level Gauges and the Choice of Optimal Values of	Saprobism. (in German),	WATER BUREAU, CONN.
Their Basic Elements,	W74-08111 7-15 2I HAMBURG UNIV. (WEST GERMANY).	Over 40 Years of Regional Services, W74-09146 7-17 6E
W74-11494 7-22 7B	PHARMAKOLOGISCHES INSTITUT.	HARTFORD UNIV., CONN. DEPT. OF
H. N. INDUSTRIES, INC., NEW HAVEN, CONN. (ASSIGNEE)	Induction of Microsomal Liver Enzymes after Polychlorinated Biphenyls (PCB) and Follow-	BIOLOGY. The Heterotrophic Capabilities of Cyclotella
Water Purification Apparatus and Cartridge Therefor,	ing Stress, (In German), W74-00493 7-01 5C	Meneghiniana,
W74-05895 7-11 5F	HAMBURGISCHES HYGIENISCHES INSTITUT	W74-06090 7-12 5C
HABITAT, INC., BELMONT, MASS. Add Salt to Taste,	(WEST GERMANY).	HARVARD MEDICAL SCHOOL, BOSTON, MASS.
W74-05795 7-11 5B	Determination of the Activity of Nitrifying Bacteria in Surface Waters by a Modified Bod-	Transport Properties of Charge-Mosaic Mem- branes-Part A.
HACH CHEMICAL CO., AMES, IOWA. TECHNICAL CENTER.	Test, (In German), W74-08694 7-16 5B	W74-00310 7-01 3A
The Determination of Tannin and Lignin,	The Share Taken by Nitrification Processes in	Transport Properties of Charge-Mosaic Mem-
W74-06163 7-12 5A	the Biochemical Oxygen Demand (BOD) in the Water of the River Elbe, (In German),	branes - Part B, W74-00311 7-01 3A
HADASSAH MEDICAL SCHOOL, JERUSALEM (ISRAEL).	W74-08695 7-16 5A	The Distribution of Lead in Human Deciduous
Cyanophages - Viruses Attacking Blue-Green Algae,	HAMPTON TOWNSHIP WATER POLLUTION CONTROL PLANT, ALLISON PARK, PA.	Teeth, W74-07691 7-15 5C
W74-06754 7-13 5C	Automatic Waste Sludge Sampler, W74-08442 7-16 5A	HARVARD UNIV., BOSTON, MASS. SCHOOL
HADASSAH MEDICAL SCHOOL, JERUSALEM (ISRAEL). ENVIRONMENTAL HEALTH LAB.		OF PUBLIC HEALTH. Anticholinesterase Action in Methyl Parathion,
Epidemiological and Toxicological Aspects of Nitrates and Nitrites in the Environment,	HANNAH DAIRY RESEARCH INST., AYR (SCOTLAND).	Parathion and Azinphosmethyl in Mice and
W74-01386 7-03 5C	A Study of the Intake of Drinking Water by Dairy Cows at Grass,	Fish: Onset and Recovery of Inhibition, W74-12273 7-23 5C
The Effect of Nitrites On Isolation-Induced	W74-07358 7-14 3F	HARVARD UNIV., CAMBRIDGE, MASS.
Aggression in Mice, W74-10892 7-20 5C	HANOVER STATE MINISTRY FOR FOOD, AGRICULTURE AND FORESTS (WEST	And Not a Drop to Drink: Water Resources Planning and Administration,
HAILE SELASSIE I UNIV., ALEM MAYA	GERMANY). Discharge Measurement in Open Water by	W74-01465 7-03 6E
(ETHIOPIA). Intertemporal Allocation of Groundwater in the	Means of Magnetic Induction,	Simulating the Behavior of a Multi-Unit, Multi- Purpose Water-Resource System,
Central Ogallala Formation: An Application of a Multistate Sequential Decision Model,	W74-11526 7-22 7B	W74-01468 7-03 6A
W74-12787 7-24 6B	HARCO CORP., CLEVELAND, OHIO. CATHODIC PROTECTION DIV.	Report on the Harvard Program of Research in
HAILE SELLASSI I UNIV., ADDIS ADABA (ETHIOPIA). FACULTY OF SCIENCE.	Fundamentals of Cathodic Protection, W74-09548 7-18 8G	Water Resources Development, W74-01846 7-04 6B
The Probable Occurrence of Hydroxylamine in	HARCOURT BUTLER TECHNOLOGICAL	HARVARD UNIV., CAMBRIDGE, MASS. DEPT.
the Water of an Ethiopian Lake, W74-00067 7-01 5A	INST., KANPUR (INDIA). DEPT. OF CHEMISTRY.	OF MECHANICAL ENGINEERING. The Response of Narrow-Mouthed Harbors in
HAILE SELLASSIE I UNIV., ADDIS ABBA	Electro-Osmotic Effects in a Bentonite-Water System,	a Straight Coastline to Periodic Incident Waves,
(ETHIOPIA). Metals Coordinated by Ligands Normally	W74-06910 7-13 2K	W74-03450 7-07 2L
Found in Natural Waters, W74-12512 7-23 5B	HARRIMAN UTILITY BOARD, TENN. Treatment of Domestic Wastewater and NSSC	HARVARD UNIV., CAMBRIDGE, MASS. DIV. OF ENGINEERING AND APPLIED PHYSICS.
HALCROW (WILLIAM) AND PARTNERS,	Pulp and Paper Mill Wastes,	Negative Chemotaxis of Marine Bacteria to
LONDON (ENGLAND). Waves Off Benghazi Harbour - Libya,	W74-06513 7-13 5D	Toxic Chemicals, W74-00658 7-02 5C
W74-04608 7-09 2L	HARRIS COUNTY POLLUTION CONTROL DEPT. HOUSTON, TEX.	Phosphate Removal by Magnetic Filtration,
HALLIBURTON SERVICES, DUNCAN, OKLA. Compensated Gamma Ray Densimeter Mea-	Sediment Coliform Populations and Post Chlorination Behavior of Wastewater Bacteria,	W74-08789 7-17 5D
sures Slurry Densities in Flow, W74-07877 7-15 8G	W74-03295 7-07 5A	HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF PUBLIC
Experimental Investigation of Hydraulic Frac-	HARRIS (FREDERIC R.) INC., NEW YORK. Port Collection and Separation Facilities for	ADMINISTRATION. In Search of New Methods for River System
turing Through Perforations,	Oily Wastes, Volumes I-IV,	Planning,
W74-10093 7-19 8B	W74-10357 7-20 5D	W74-01029 7-02 4A

HAWAII UNIV., HONOLULU. WATER RESOURCES RESEARCH CENTER.

HARVARD UNIV., CAMBRIDGE, MASS. LAB. OF APPLIED MICROBIOLOGY.	HONOLULU, HAWAII. JOINT TSUNAMI RESEARCH EFFORT.	HAWAII UNIV., HONOLULU. DEPT. OF AGRICULTURAL ENGINEERING.
Theoretical Effects of Artificial Destratifica-	A Package Program for Time-Stepping Long	Recession Flow in Surface Irrigation,
tion on Algal Production in Impoundments,	Waves into Coastal Regions with Application to	W74-05679 7-11 4A
W74-03296 7-07 5C	Haleiwa Harbor, Oahu, W74-06316 7-12 2L	HAWAII UNIV., HONOLULU. DEPT. OF
Inhibition of Bacterial Chemoreception by	W/4-00310 /-12 2L	BOTANY.
Hydrocarbons,	A New Method for Determining Normal Modes	New Records of Sargassum Hawaiiensis Doty
W74-08638 7-16 5C	of Irregular Bodies of Water with Variable	and Newhouse (Sargassaceae, Phaeophyta), a Deep Water Species.
HARYANA AGRICULTURAL UNIV., HISSAR	W74-06318 7-12 2L	W74-01349 7-03 2I
(INDIA). Effect of Irrigation and Fertilizer Levels on the	Speed of the Solitary Wave,	HAWAII UNIV., HONOLULU. DEPT. OF
Yield and Quality of Groundnut,	W74-06320 7-12 2J	CHEMISTRY.
W74-00469 7-01 3F		Chemistry of Marine Natural Products,
	HAWAII INST. OF MARINE BIOLOGY,	W74-02189 7-05 5B
HARYANA AGRICULTURAL UNIV., HISSAR (INDIA). DEPT. OF AGRICULTURAL	HONOLULU.	Computer Analysis of Data from Potentiomet-
ENGINEERING.	Primary Productivity in a Nutrient-Limited Tropical Estuary.	ric Titrations Using ion-Selective Indicator
Soil Salinization Under Irrigated Cultivation,	W74-05939 7-11 5C	Electrodes,
W74-01238 7-03 3F	711 30	W74-02978 7-06 2K
HARYANA AGRICULTURAL UNIV., HISSAR	Effects of Heated Effluent on Hermatypic	HAWAII UNIV., HONOLULU. DEPT. OF CIVIL
(INDIA). DEPT. OF AGRONOMY.	Corals at Kahe Point, Oahu,	ENGINEERING.
Dry Land Research in Northwest India. I: Ef-	W74-11303 7-21 5C	Model Studies of Impulsively-Generated Water
fect of Variable Pre-Planting Tillage on Soil	HAWAII INST. OF MARINE BIOLOGY,	Waves.
Moisture, Growth, and Yield of Pearl Millet	KANEOHE.	W74-03689 7-07 8B
(Pennisetum typhoides, S. and H),	Effects of Antibodies on Survival of Carangid	HAWAII UNIV., HONOLULU. DEPT. OF
W74-04128 7-08 3F	Fish Larvae (Caranx Mate), Reared in the	MICROBIOLOGY.
HARYANA AGRICULTURAL UNIV., HISSAR	Laboratory, W74-13079 7-24 5C	Icelandic Geothermal Activity and the Mercury
(INDIA). DEPT. OF SOILS.	W/4-130/9 /-24 SC	of the Greenland Icecap,
Diagnostic Techniques for Evaluating Irrigation	Effects of Water Quality, Antibiotics,	W74-07944 7-15 5B
Water Quality,	Phytoplankton and Food on Survival and	HAWAII UNIV., HONOLULU. DEPT. OF
W74-02083 7-04 5A	Development of Larvae of Scylla Serrata	OCEANOGRAPHY.
HARYANA AGRICULTURAL UNIV., HISSER	(Crustacea: Portunidae),	Approach of Tides to the Hawaiian Islands,
(INDIA). DEPT. OF SOILS.	W74-13090 7-24 5C	W74-03620 7-07 2E
Effect of the Quality of Well Waters on Soils in	HAWAII STATE DEPT. OF PLANNING AND	HAWAII UNIV., HONOLULU. DEPT. OF SOIL
Gurgaon District,	ECONOMIC DEVELOPMENT, HONOLULU.	SCIENCE.
W74-01252 7-03 2G	Legal and Administrative Aspects of an	A Similarity During Early Stages of Rain In-
HARZA ENGINEERING CO., CHICAGO, ILL.	Aquaculture Policy for Hawaii, An Assess-	flitration,
Drainage Investigations and Findings on the	ment, W74-06992 7-13 6E	W74-10205 7-19 2G
Gotvand Project - Iran,	W74-06992 7-13 6E	HAWAII UNIV., HONOLULU. DEPT. OF
W74-09797 7-18 2G	Planning for Quality Growth,	ZOOLOGY.
HARZA ENGINEERING CO., CHICAGO, ILL.	W74-12461 7-23 6G	The Effect of Changes in Ambient Tempera-
WATER RESOURCES PLANNING DIV.	HAWAII STATE LAND STUDY BUREAU,	ture on Spontaneous Activity in Skipjack Tuna, W74-04241 7-08 5C
Stochastic Analysis of Dune Bed Profiles,	HONOLULU.	W 74-04241 7-08 3C
W74-09619 7-18 2J	Hawaii's Statewide Land Classification Proves	HAWAII UNIV., HONOLULU. INST. OF
HASKINS LABS., NEW YORK; AND MARINE	Adaptability as Land Use and Environmental	GEOPHYSICS.
BIOLOGICAL STATION, MILLPORT	Concerns Change,	Surface-Wave Transport in Nonuniform
(SCOTLAND).	W74-07138 7-14 4A	Canals, W74-11968 7-22 8B
The Development of Artificial Media for	HAWAII UNIV., HONOLULU.	
Marine Algae,	Microdetermination of Chloro-S-Triazines in	HAWAII UNIV., HONOLULU. INST. OF
W74-08734 7-17 2I	Soil by Gas-Liquid Chromatography with	MARINE BIOLOGY. Some Ecological Effects of Discharged Sugar
HAWAH AGRICULTURAL EXPERIMENT	Nickel Electron Capture or Electrolytic Con-	Mill Wastes on Marine Life Along the
STATION, HONOLULU.	ductivity Detection,	Hamakua Coast, Hawaii,
Volcanic Air Pollution: Deleterious Effects on	W74-01304 7-03 5A	W74-05660 7-11 5C
Tomatoes,	Virus Removal in Hawaiian Soils,	WANTED TO SOLUTION OF A CRASH
W74-07430 7-14 5C	W74-03293 7-07 5F	HAWAII UNIV., HONOLULU. SEA GRANT PROGRAM.
HAWAII INST. OF GEOPHYSICS, HONOLULU.		Economics of Aquaculture Development,
Double-Humped Waves on a Sloping Beach,	Some Remarks on Aquaculture,	W74-05646 7-11 6C
W74-00016 7-01 2J	W74-05647 7-11 6C	HAWAII DAW HONOTHE WARE
Currents Around the Hawaiian Islands. A	A Simple Automatic Soil Percolator,	HAWAII UNIV., HONOLULU. WATER RESOURCES RESEARCH CENTER.
Study of Coastal Currents in Respect to	W74-06531 7-13 7B	Hawaii's System of Water Rights: An
Sewage Disposal,		Economic Evaluation,
W74-04925 7-10 5B	Structural Changes in Tropical Soils Due to	W74-01785 7-04 6E
Numerical Simulation of Tsunamis,	Anions in Irrigation Water, W74-07348 7-14 2G	Water Penuling of Course Effluent by Lain
W74-06297 7-12 4A	W 14-01340 1-14 20	Water Recycling of Sewage Effluent by Irriga- tion: A Field Study on Oahu,
	Solute Transport in Aggregated Soils: Tracer	W74-02631 7-05 2B
HAWAII INST. OF GEOPHYSICS, HONOLULU;	Zone Shape in Relation to Pore-Velocity Dis-	
AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.	tribution and Adsorption,	Annual Report, '71-'72.
ALMOSPHERIC ADMINISTRATION.	W74-12855 7-24 5B	W74-03092 7-06 5G

W74-12855

ATMOSPHERIC ADMINISTRATION,

HAWAII UNIV., HONOLULU. WATER RESOURCES RESEARCH CENTER.

The Response to Tidal Fluctuation Aquifer System, W74-04308	s of a Leaky	Health and Safety Laboratory Quarterly Summary Report 1973 Through March 1, 1974, (A	December 1,	HEBREW UNIV., REHOVOT (ISRA OF SOIL AND WATER SCIENCE. Mineralogical Composition of C		
Baseline Quality Data for Kalihi St		W74-08956	7-17 5A	Profiles of Israel: I. The Soils of ranean Zone,		
W74-04309	7-09 5B	Fallout ProgramQuarterly Su September 1, 1973, through Dec		W74-07099	7-14 2	2G
Water Resources Seminar Series N W74-07133	o. 2. 7-14 6B	W74-09869	7-19 5A	Mineralogical Composition of C Profiles of Israel: II. The Soils of		
Evaluation of Methods of Pu		Fallout ProgramQuarterly Su January 1, 1973, through Dec		Zone,		
Analyses for Application to Hawai W74-07531		Appendix, W74-09870	7-19 5A	W74-07100 HEBREW UNIV., REHOVOT (ISRA	7-14 2	2G
Annual Report '72 - '73.		HEBREW UNIV., JERSUALEM (FACULTY OF AGRICULTURE.		
W74-07602	7-15 9A	DEPT. OF BOTANY. Desert Ecosystems: Environm		Effect of Soil Moisture During Ea Development on Growth and Yie		
Optimum Drilling Sites for G		cers,		Plants, W74-10761	7-20	3F
Development on the East Coa Island,	st of Lanai	W74-13150	7-24 2A	Waterproofing Surface-Zone Soi	il Accrecat	tes
W74-07734	7-15 4B	HEBREW UNIV., JERUSALEM (Wheat Response to Soil Moist		for Water Conservation,		
Three-Dimensional Zone Model Lo	og Interpreta-	timal Irrigation Policy Under C		W74-12289	7-23	2G
tion, W74-07735	7-15 8G	stable Rainfall, W74-00669	7-02 3F	HEBREW UNIV., REHOVOTH (ISR OF AGRICULTURE.	AEL). DEF	PT.
Application of Reverse Osmosis T	echnology to	The Role of Molecular Diffusion	on In Dispersion	Relation Between Evapotranspira	tion Rate a	and
Hawaiian Low Quality Waters, W74-09052	7-17 5D	Theory,		Maize Yield, W74-10339	7-19	2D
	7-17 3D	W74-01713	7-04 2E	HEBREW UNIV., REHOVOTH (ISR		
Neutron Well Logging in Hawaii, W74-09053	7-17 4B	The Relation Between Moistur with a Neutron Probe and Soil		OF FIELD AND VEGETABLE CRO		1.
Some Statistical Analyses of Ha	waiian Pain-	W74-02074	7-04 2G	Differential Tolerance of Six Crops to Terbutryne,	Legumino	ous
fall,		Application of Dynamic Progr		W74-02941	7-06	3F
W74-09655	7-18 2B	kov Chains to the Evaluation of in Irrigation,	of Water Quality	HEBREW UNIV., REHOVOTH (ISR	AEL). DEF	PT.
A Preliminary Report on Urban H Urban Water Resources: Oahu, Ha		W74-04561	7-09 3C	OF SOIL AND WATER SCIENCE. Some Aspects of the Ca and S	r Weather	ina
W74-09803	7-19 2A	HEBREW UNIV., JERUSALEM		Cycle in the Lake Kinneret (L		-
Isotopic and Chemical Characteris	stics of High-	DEPT. OF AGRICULTURAL EC Estimation Procedures for Res		Drainage Basin, W74-04269	7-08	2.J
Level Groundwater on Oahu, Haw W74-10273	7-19 4B	of Crops to Soil Water Content W74-05678	and Salinity, 7-11 3F	HEIDELBERG UNIV. (WEST GERM		
				LABORATORIUM FUER	AAIN I J.	
Some Evidence of Economics Hawaiian Sugar Plantation,		HEBREW UNIV., JERUSALEM (DEPT. OF GEOGRAPHY.	(ISKAEL).	SEDIMENTFORSCHUNG. Heavy Metals in the Sediments of	f the Danu	be.
W74-12344	7-23 3F	Problems and Implications in t of Arid Lands,	the Development	Ems, Weser and Elbe Rivers in W		
P, N:P Standards for Hawaiian Str		W74-06465	7-12 6B	(In German), W74-03552	7-07	5B
W74-13217	7-24 5B	Eilat: Seaside Towns in the De	sert of Israel,	HEIDELBERG UNIV. (WEST GER	MANY).	
HAWAIIAN SUGAR PLANTERS' ASSOCIATION EXPERIMENT STA	TION,	W74-06482	7-12 6B	SEDIMENT RESEARCH LAB.		
HONOLULU.		Karst Processes of the Easter	n Upper Galilee,	Mineralogy and Petrology of Bla Sediments.	ck Sea Ba	isin
Furrow Irrigation Criteria for Harcane,	wanan Sugar-	Northern Israel, W74-07157	7-14 2F	W74-12381	7-23	2J
W74-08932	7-17 3F	HEBREW UNIV., JERUSALEM	(ISRAEL).	HELSINKI UNIV. (FINLAND). DEP		
Subsurface Irrigation in Hawaiian W74-10326	Sugarcane, 7-19 3F	DEPT. OF HYDROLOGY. Mathematical Formulation	of Transport	GEOLOGY AND PALEONTOLOGY Galltrasket: The Geological Dev		and
		Phenomena in Porous Media,		Palaeolimnology of a Small Poll	uted Lake	in
HAZEN AND SAWYER, NEW YOR Upgrading Existing Wastewate		W74-12822	7-24 2F	Southern Finland, W74-11173	7-21	2H
Plants: Case Histories,	7-07 5D	HEBREW UNIV., JERUSALEM DEPT. OF METEOROLOGY.	(ISRAEL).	HELSINKI UNIV. (FINLAND). DEP	T. OF	
W74-03500		Computation of the Sensible F		LIMNOLOGY.		
HEALTH AND SAFETY LAB. (AEC VORK:), NEW	Relation to Other Componer Balance at the Surface,	its of the Heat	On the Littoral Algae of the Li Pitkajarvi, Southern Finland: I. E		
Fallout Program Quarterly Sumi		W74-02940	7-06 2D	Most Important Algal Species, W74-12738	7-23	SC
(Health and Safety Laboratory, York),		HEBREW UNIV., JERUSALEM		HELSINKI UNIV. (FINLAND). DEP		30
W74-05174	7-10 5A	Photoionization of Phenols in V		MICROBIOLOGY.		
Fallout Program Quarterly Summ June 1, 1973, Through September		Light Intensity, Oxygen, pH, a W74-12169		Acidophilic Thiobacilli in the Rive W74-01946	er Sirppujol 7-04	
pendix,						30
W74-05175	7-10 5A	HEBREW UNIV., JERUSALEM HUMAN ENVIRONMENTAL SC		HELSINKI UNIV. (FINLAND). DEP ZOOLOGY.		
Health and Safety Laboratory Fa		PROGRAM. Membrane Regeneration for W		Evaluation of a Removal Methoding the Numbers of Rock I		
1973 Through March 1, 1974,		mation Using Reverse Osmosis	i,	(Hemiptera, Corixidae),		
W74-08954	7-17 5B	W74-09554	7-18 5D	W74-01055	7-02	7B

HOKKAIDO UNIV., SAPPORO (JAPAN). DEPT. OF CIVIL ENGINEERING.

HELSINKI UNIV. OF TECHNOLOGY, (FINLAND). DEPT. OF FOREST PROD	UCTS.	HESSION (CROWLEY), WAKEFIELD Composite Sewage Tank,		HITTMAN ASSOCIATES, INC., COLUMI MD.	
Effluent Treatment Plants in the Products Industry (Puunjalostuste		W74-10586	7-20 5D	Evaluation of the Reliability and Maints ty of Desalting Plants.	ainabili-
jatevesipuhdistamot), W74-03087	7-06 5D	HEWLETT-PACKARD CO., AVONDA AVONDALE DIV.		W74-00040 7-	-01 3A
	PRON	Synergic Solvent Extraction of D		Nomographs for Thermal Pollution	Control
HENNINGSON, DURHAM AND RICHAINC., OMAHA, NEBR.		tions with Decafluoroheptanedione Butylsulfoxide, W74-05472	7-11 5A	Systems, W74-03329 7-	-07 5D
Combined Sewer Overflow Abaten Des Moines, Iowa,	ient Plan,			Approaches to Stormwater Management	
W74-10194	7-19 5D	Gas Chromatographic Studies of Mi Complexes of Divalent Cations,	xed-Ligand	W74-04458 7-	-09 5A
HENRY KRUMB SCHOOL OF MINES, YORK.	, NEW	W74-07582	7-14 5A	Processes, Procedures, and Methods to Pollution Resulting from All Construct	
The Effect of Dissolved Hydrocarbo	n Gases in	HIGH DAM AUTHORITY, CAIRO (E		tivity. W74-07942	-15 5B
Surfactant Solutions on Froth Flo	otation of	Seepage Losses From Lake Nasser, W74-08750	7-17 4A		
Minerals, W74-10288	7-19 5D	HIGH PLAINS UNDERGROUND WA	TED	A Portable Device for Measuring Was Flow in Sewers.	itewater
	NOOG !	CONSERVATION DISTRICT NO. 1, I			-17 5D
HENSLEY-SCHMIDT, INC., CHATTAI TENN.	NOOGA,	TEX.		HITTMAN ASSOCIATES, INC., COLUM	DIA
Comprehensive Water and Sewe		Ogallala Aquifer Water-Level Dat terpretation, 1965-1974,	a, with In-	MD.; AND MARYLAND WATER RESOU	
Hamilton, Walker, and Catoosa	Counties,	W74-10685	7-20 4B	COMMISSION, ANNAPOLIS.	
(Book Two). W74-02833	7-06 5D	HIGHWAY RESEARCH BOARD,		Joint Construction Sediment Control Pro W74-11923 7-	oject, -22 4D
		WASHINGTON, D.C.			
Chattanooga Area Regional Council of ments Comprehensive Water and Sev		Highways and the Catastrophic Floo		HOECHST AUSTRALIA LTD., MELBOU Shear-Resistant Flexible Pipe Junct	
Hamilton, Walker and Catoosa Coun		W74-09390	7-18 2E	Sewerage and Drainage.	ion tor
Two.		HILL, INGMAN, CHASE AND CO., S	EATTLE,		-19 8A
W74-12242	7-23 6A	WASH. Activated Sludge Disposal in a Su	handia En	HOFFMANN-LA ROCHE, INC., NUTLEY	V. N.J.
HERCULES, INC., CUMBERLAND, M	D.	vironment,	barcuc En-	ANIMAL HEALTH RESEARCH.	
ALLEGANY BALLISTICS LAB. Development of Improved Memb	rones for	W74-08443	7-16 5E	Small-Volume Solid-Electrode Flow- Electrochemical Cells. Preliminary Ev	
Reverse Osmosis,	nanes 101	HILLSBOROUGH COUNTY PLANNI	NG	Using Pulse Polarographic Techniques,	aluation
W74-00159	7-01 3A	COMMISSION, TAMPA, FLA.			-03 7B
HERCULES RESEARCH CENTER,		Hillsborough County, Florida: Pop- jections and Environmental Factors.		HOHENHEIM UNIV., STUTTGART-	
WILMINGTON, DEL.		W74-02838	7-06 6D	HOHENHEIM (WEST GERMANY).	
Electroanalytical Studies of Methyli	mercury in	HIMACHAI BRARESH STATE ELE	TRICITY	Water Recharge in a Soil with SI	nrinkage
Aqueous Solution, W74-08362	7-16 5A	HIMACHAL PRADESH STATE ELEC BOARD, SIMLA (INDIA). Water Laws in USSR,	IRICITY	Cracks, W74-00602	-02 2G
Aerobic Biodegradation of Carboxy	methylcel-	W74-10893	7-20 5G	HOKKAIDO REGIONAL FISHERIES RESEARCH LAB., YOICHI (JAPAN).	
lulose, W74-09442	7-18 5B	HIMSLEY ENGINEERING LTD., TO	RONTO	Cultivation of Laminaria in Japan,	
	, 10 52	(ONTARIO).		W74-12292 7	-23 3F
HERIOT-WATT UNIV., EDINBURGH (SCOTLAND). DEPT. OF BREWING A	ND	Sodium Recovery from a Pulp Mil fluent by Ion Exchange,	l Waste Ef-	Forced Cultivation of Laminaria,	
BIOLOGICAL SCIENCES.		W74-02259	7-05 5D	W74-12397 7	-23 3F
Numerical Analysis of Hansenula,	Pichia and	HINCHMAN CORP., DETROIT, MIC	ш	HOKKAIDO SUGAR CO. LTD. (JAPAN).	
Related Yeast Genera, W74-07583	7-14 5A	Cathodic Protection in Congested A		Treatment of Beet Factory-Waste W	ater by
		W74-04159	7-08 8G	Activated Sludge Process (Bio Process), (In Japanese),	sorption
HERKENHOFF (GORDON) AND ASSO ALBUQUERQUE, N. MEX.	OCIATES,	HIROSHIMA UNIV. (JAPAN).			-17 5D
Engineer's Report for South Val	ley Water	The Flagellata Examined From Pol	luted Water	HOKKAIDO UNIV., SAPPORO (JAPAN).	
System.		of the Inland Sea, Setonaikai, W74-11342	7-21 5C	Yamadaphycus, a New Genus of the	
W74-01382	7-03 6B			seriaceae (Rhodophyta),	
HEROIT-WATT UNIV., (SOCTLAND).	DEPT.	HIROSHIMA UNIV. (JAPAN). FACUI FISHERIES AND ANIMAL HUSBANI		W74-06753 7	-13 5A
OF BREWING AND BIOLOGICAL SC		An Ecological Study on the So-C		HOKKAIDO UNIV., SAPPORO (JAPAN).	
Computer Identification of Yeasts of Saccharomyces,	the Genus	(Anadara subcrenata (Lischke)) Cul	tured in the	CHEMICAL UTILIZATION LAB. Clarification of NSSC Spent Liquor v	with An
W74-01646	7-03 5A	Kasaoka Bay (In Japanese), W74-02690	7-06 5C	tivated Sludge and Coagulants (in Japan	
HERSEY-SPARLING METER CO., DE	DHAM.		7-00 50		-24 5D
MASS.	,	HITACHI LTD., TOKYO (JAPAN). Effluent Water Treatment by Conf	tactine with	HOKKAIDO UNIV., SAPPORO (JAPAN).	DEPT.
Domestic Service Meters,	7.10 65	Plant Tissue.		OF CHEMISTRY OF FOREST PRODUCT	TS.
W74-05015	7-10 5F	W74-10275	7-19 5D	Clarification of NSC Waste Liquor by Carbon, Etc., (In Japanese),	/ Active
HERZBERGER PAPIERFABRIK LUD		Measurement of Environmental Po	ollution and		-02 5D
OSTHUSHENRICH K.G., HERZBERG HARZ (WEST GERMANY).	AM	Its Systemization,	7.20 **	HOKKAIDO UNIV., SAPPORO (JAPAN).	DEPT
New Measuring Methods for Evalua		W74-10438	7-20 5A	OF CIVIL ENGINEERING.	
Water Quality (Neuere Messverf	ahren zur	Process and Apparatus for Making	Highly Pure	The Shoaling, Breaking and Runup of	
Beurteilung der Abwasserqualitaet), W74-05259	7-10 5A	Water, W74-12450	7-23 3A	tary Wave on Impermeable Rough Slop W74-03685	es, 7-07 8B
					. 01

The Anti-Pollution Sequence - A New Route to Reduced Pollutants in Bleach Plant Effluent,

HOOKER CHEMICAL CORP., NIAGARA

FALLS, N.Y.

W74-06385

W74-06076

W74-11638

7-14 4D

HOUSTON RESEARCH INST., INC., TEX.

Test Facility, Phase II Final Report,

Analysis of Existing Data from the San Diego

HOUSTON UNIV., TEX.

W74-13020

Waste Treatment for Ammonia,

Industrial Economic Model of Water Use and

7-24 5D

HOKKAIDO UNIV., SAPPORO (JAPAN). DEPT. OF CIVIL ENGINEERING.

7-07 2L

HOKKAIDO UNIV., SAPPORO (JAPAN). DEPT.

Studies on Salt Wedge by Ultrasonic Method,

OF ENGINEERING SCIENCE.

W74-03703

m formation Development D	un Tim of a	W /4-00303	HOUSTON UNIV., TEXAS.
Transformation, Breaking and R	un-Up of a	HOPE COLL., HOLLAND, MICH. DEPT. OF	A Stochastic Investment Model for a Survival
Long Wave of Finite Height,	7-09 2L	CHEMISTRY.	Conscious Firm Applied to Shrimp Fishing,
W74-04741	7-09 2L	Mercury in the Environment,	W74-09072 7-17 6B
HOKKAIDO UNIV., SAPPORO (JAP	AN) DEPT	W74-06523 7-13 5B	W /4-090/2 /-1/ 6B
OF GEOLOGY AND MINERALOGY		W74-00525	HOWARD, NEEDLES, TAMMEN AND
Geothermal Fields in Japan Cons		Some Estimates of Natural Levels of Mercury	BERGENDOFF, INC., INDIANAPOLIS, IND.
the Geological and Petrological Vie		in the Environment,	How Safe are Sewers for Construction and
W74-08997	7-17 2F	W74-06772 7-13 5B	Maintenance Crews.
W 14-00227	7-17 61		W74-08440 7-16 5G
HOKKAIDO UNIV., SAPPORO (JAF	AN). LAB.	HORNER AND SHIFRIN, INC., ST. LOUIS, MO.	
OF ANALYTICAL CHEMISTRY.		Engineering Design Report for Spray Irrigating	HOWARD UNIV., WASHINGTON, D.C. DEPT.
The Extraction-Spectrophotometri	c Determina-	Wastewater from the Sanitary District of	OF CIVIL ENGINEERING.
tion of Chromium (III) with 4-(2	-Pyridylazo)-	Beardstown and the Oscar Mayer and Co. Meat	Sensitivity of Surface Runoff to Variations of
Resorcinol,		Processing Plant.	Watershed Parameters in Small Urban Areas-A
W74-05470	7-11 5A	W74-02126 7-04 5D	Kinematic Model,
		Hydrologic Report Little Calumet River and	W74-06853 7-13 4C
HOKUETSU PAPER MILLS CO., LT		Tributaries, Part I.	Made done in Besimes of Subsurface Beturn
NAGAOKA (JAPAN). RESEARCH L		W74-02127 7-04 2E	Hydrodynamic Regimes of Subsurface Return
Application of Polyacrylamide to	Pulp Mill Ef-	W/4-0212/	Flow, W74-12843 7-24 2G
fluents (In Japanese),		Flood Protection for Missouri Bottoms.	W74-12843 7-24 2G
W74-04529	7-09 5D	W74-02128 7-04 4A	HUDGINS, THOMPSON, BALL AND
HOLLIDAY (I B) AND CC 175	CHANDY		ASSOCIATES INC. LURBOCK TEX
HOLLIDAY (L. B.) AND CO. LTD.,	SYDNEY	Comparison of Sewer Discharge Hydrographs	Metropolitan Water and Sewer Plan, Lubbock
(AUSTRALIA).		Computed from In-Sewer Measurements and	Metropolitan Council of Governments.
Filtration Apparatus and Method.		from Synthesized Hydrograph Procedures, City	W74-02331 7-05 3D
W74-10034	7-19 8A	of St. Paul, Minnesota.	W 14-02551
HOLYWELL R. D. C. (WALES).		W74-02135 7-04 5D	HULBERT (E.O) CENTER FOR SPACE
		0. 1 40 0 1 7 70 10.	DECEARCH WASHINGTON DC CRACE
Study of Carbohydrate Solubil	ization from	Study of Sewer Separation: Phase I, City of St.	SCIENCES DIV.
Sewage Sludges,	2 00 FD	Paul, Minnesota.	Massusaments of the Distribution and Volume
W74-10562	7-20 5D	W74-02136 7-04 5D	of Sea-Surface Oil Spills Using Multifrequency
HONEYWELL, INC., FORT WASHI	NCTON	City of Austin, Texas, Study of Wastewater	
	moron,	Collection System: Phase I.	W74-10429 7-20 5B
PA.	ion Moniton	W74-02330 7-05 5D	
Instrumentation for Water Pollut	ion Monitor-	W 74-02330 7-03 3D	HULL UNIV., (ENGLAND). DEPT. OF
ing,	7.07 50	HOSPITAL FOR SICK CHILDREN, TORONTO	GEOGRAPHY.
W74-03640	7-07 5D	(ONTARIO). DIV. OF BIOCHEMISTRY	Water Movement Through the Gornergletscher,
HONEYWELL, INC., ST. PAUL, MI	INN	RESEARCH.	W74-09329 7-18 2C
SYSTEMS AND RESEARCH CENTI		Hybridization Studies of Blue-Green Algal and	
Automatic Interpretation of ER		Higher Plant Chloroplast DNA,	HULL UNIV. (ENGLAND). DEPT. OF
Forest Management,	10 Data 101	W74-01810 7-04 5C	ZOOLOGY.
W74-06643	7-13 4A		Effects of Temperature Change on Irrigation
W 74-00043	7-13 4A	HOT SPRING RESEARCH INST. OF	Rate in Arenicola marina (L.),
Determination of Land Use in 1	Minnesota by	KANAGAWA PREFECTURE, HAKONE	W74-04225 7-08 5C
Automatic Interpretation of ERTS		(JAPAN).	B -1 -1 - 1 O -1 - B 1 - 1 - 4 - 4
W74-06702	7-13 4A	The Geothermal System of the Kakone Vol-	Respiration and Osmotic Behaviour of the
		cano,	Copepod Acartia Tonsa in Diluted Sea Water,
HONG KONG UNIV. DEPT. OF ME	CHANICAL	W74-08993 7-17 2F	W74-08717 7-17 5C
ENGINEERING.			The Salinity Tolerance of Some Estuarine
Flow Visualization in Free Shear I	Layers,	HOUDAILLE INDUSTRIES, INC., BUFFALO,	Planktonic Copepods.
W74-01271	7-03 8B	N.Y. (ASSIGNEE).	
		Method of Treating Sewage Using High	
HONOLULU BOARD OF WATER S	UPPLY,	Polymer Ratio Flocculation Agent Biologically	HUMBLE OIL AND REFINING CO., CORPUS
HAWAII.		Produced in Situ, W74-04717 7-09 5D	CHRIST MEN
Honolulu Board of Water Supply	y Annual Re-	W74-04717 7-09 5D	Oil and Gas Versus Water in the Southwest:
port for the Year Ended June 30,	1972.	HOUSE, WASHINGTON, D.C.	Conflict or Compromise,
W74-00749	7-02 6B	A Bill to Prohibit Commercial Fishing in the	
		Waters Located in the National Seashore	
HONOLULU CITY AND COUNTY I	BOARD OF	Recreation Areas.	HUMBLE OIL AND REFINING CO., HOUSTON,
WATER SUPPLY, HAWAII.		W74-10729 7-20 6E	TEX.
2020 Plan, Board of Water Sup	pply/City and	7-20 00	Wellbore Pressure Surges Produced by Pipe
County of Honolulu.		A Bill to Authorize Provisions of the Interna-	
W74-03649	7-07 4B	tional Boundary and Water Commission.	W74-03146 7-06 8B
		W74-10737 7-20 6E	
Development of Dike Stored Water	er By Drilling,		Compatibility of Petroleum Activities in the
Waihee, Oahu,		HOUSTON RESEARCH, INC., TEX.	Coastal Zone,
W74-07137	7-14 2F	Biodegradation of Oil,	W74-05656 7-11 6B

7-12 5B

7-22 3A

HUNTER VALLEY RESEARCH FOUNDATION,

Towards a Model for Prediction of Residential

7-22 6A

TIGHES HILL (AUSTRALIA).

Water Use,

W74-11691

W74-07139

HONOLULU CITY AND COUNTY DEPT. OF

Control of Grading Practices in the City and

PUBLIC WORKS, HAWAII.

County of Honolulu,

Deposition of River Silts in the Rhine and

HYDROBIOLOGISCH INSTITUTT,

NIEUWERSLUIS (NETHERLANDS).

HURON-MANISTEE NATIONAL FOREST,

HYDRO-QUEBEC, MONTREAL.

isting Reservoir Networks,

W74-08513

Determination of the Discharge Policy for Ex-

7-16 4A

W74-08055

Canoeist Suggestions for Stream Management

in the Manistee National Forest of Michigan,

CADILLAC, MICH.

Hydrocasting Reverse Osmosis Membranes,

Development of Porous Support Tubes, Study

GAITHERSBURG, MD.

W74-06651

Processing Techniques,

Results of Precision Processing (Scene Cor-

rection) of ERTS-1 Images Using Digital Image

HYDRONAUTICS, INC. LAUREL, MD.

in the Manistee National Forest of Michigan, W74-09404 7-18 6	Meuse Delta, W74-13155 7-24 5B	of Mechanism of Membrane Formation and Development of Non-Cellulosic Desalination
TURBALLIC BECEARCH INCT. BRATICIAVA	HUNDOGOMB ING BALO ALEO GALLE	Membranes,
HYDRAULIC RESEARCH INST., BRATISLAVA	HYDROCOMP, INC., PALO ALTO, CALIF.	W74-00161 7-01 3A
(CZECHOSLOVAKIA).	SimulationA Tool for Water Resource	Physical and Dynamical Scales for Generation
Use of Depth Floats in Drainage Canals wit Aquatic Weed,		of Wind Waves.
W74-11510 7-22 7	W74-07300 7-14 6A	W74-04330 7-09 2E
	Prediction of Dew Point Temperature, Solar	D
HYDRAULIC RESEARCH INST., PRAGUE	Radiation and Wind Movement Data for Simu-	Determination of Oil Concentration and Size Distribution in Ship Ballast Waters. Method
(CZECHOSLOVAKIA).	lation and Operations Research Models,	
Survey of Reservoirs in Bohemia and The	W74-08933 7-17 2B	and Representative Results, W74-07564 7-14 5B
Water Quality,	D 411 D 4 11 6	W /4-0/304 /-14 3B
W74-06537 7-13 5		An Experimental Study of a Wastewater Treat-
Contribution to the Investigation of Odours	Agricultural Lands, W74-11920 7-22 5B	ment System Suitable for Shipboard Use,
Water.	W/4-11920 7-22 3B	W74-09373 7-18 5D
W74-06538 7-13 5	HYDROLOGIC ENGINEERING CENTER,	The Influence of the Chemical Nature of
	DAVIS, CALIF.	Polymers on Their Drag Reduction Charac-
A Portable Water-Stage Recorder for Exper	An IHD Project for Technology Transfer to	teristics,
mental Hydrological Measurements,	Developing Regions,	W74-10427 7-20 8B
W74-11497 7-22 7	W74-00222 7-01 10A	
Problems of Flow Measurement in Large	WEGG EL LILL TO LOUIS TO LOUIS	Development of a Batchwise In-Situ Regenera-
Reservoirs,	The 1, Floor Hydrograph Tackage Cacia	tion Type Separator To Remove Oil from Oil-
W74-11532 7-22 7	Manual, Computer Program 723-X6-L2010. W74-00821 7-02 7C	Water Suspensions,
	W/4-00821 /-02 /C	W74-10441 7-20 5D
HYDRAULICS REASEARCH STATION,	Computer Program 723-X6-L202A, HEC-2,	Analysis of Lightweight Oil Containment
WALLINGFORD(ENGLAND).	Water Surface ProfilesUsers Manual	System Sea Trials,
A Mathematical Model for the Analysis	W74-00822 7-02 7C	W74-11224 7-21 5G
River Diversions,		
W74-10320 7-19 8	Compater 1.0gram 125 He Davert, 1120 2,	Oil-Water Regenerative SeparatorFinal Re-
HYDRAULICS RESEARCH STATION,	Water Surface ProfilesProgrammers Manual.	port of Phase I Development Program of a
WALLINGFORD (ENGLAND).	W74-00823 7-02 7C	Continuous Regenerating Moving Bed to
Sediment Transport: New Approach and Ana	HEC-4, Monthly Streamflow Simulation, Com-	Remove Oil from Oil-Water Suspensions, W74-11225 7-21 5D
ysis,	puter Program 723-X6-L2340.	W /4-11223 /-21 3D
W74-01279 7-03	W74-01091 7-02 7C	HYGIENE-INSTITUT DES RUHRGEBIETZ ZU
		GELSENKIRCHEN (WEST GERMANY).
The Old Coastline of the Wash,	Hydrologic Engineering Methods for Water	WASSERHYGIENE ABTEILUNG.
W74-03435 7-07 2	resources beverepment votame if require	Results of Examinations of Hospital Waste
The Effects of Water Conservation Works	ments and General Procedures,	Water (Ergebnisse der Untersuchungen von
the Regime of Morecambe Bay,	W74-11231 7-21 8B	Krankenhausabwaessern), W74-08286 7-16 5B
W74-03483 7-07 4	Hydrologic Engineering Methods for Water	W74-08286 7-16 5B
	Pasources Development: Volume 10 Principles	HYGIENE-INSTITUT, MUENSTER (WEST
Variable Dispersion and Its Effects on the	of Ground-Water Hydrology,	GERMANY).
Movements of Tracers on Beaches,	W74-11232 7-21 8B	Pollution Control and Erection of Sewage
W74-04618 7-09		Plants: Technical Feasibilities, Future De-
Similarity in Sediment Transport Due	HYDROLOGIC ENGINEERING CENTER,	mands, (In German),
Waves,	WASHINGTON, D.C.	W74-08138 7-15 5G
W74-04755 7-09	Design Criteria and Research Needs,	IBADAN UNIV. (NIGERIA). DEPT. OF
17707133	W74-09400 7-18 4A	AGRONOMY.
Comparison of Four Numerical Methods for	HYDROLOGICAL SERVICES LTD., SYDNEY	Acetylene Reduction by Beijerinckia Under
Flood Routing,	(AUCTDALIA)	Various Partial Pressures of Oxygen and
W74-09621 .7-18 2	Water-Level Transducers.	Acetylene,
HYDRO CHEMICAL AND MINERAL CORP.	W74-11498 7-22 7B	W74-07572 7-14 5C
HYDRO CHEMICAL AND MINERAL CORP., NEW YORK. (ASSIGNEE).	1771170	TRANSPORTED (ATTORNEY) BRIDE OF
Internally Interconnected Multi-Stage Distill	HYDROMETEOROLOGICAL SERVICE OF	IBADAN UNIV. (NIGERIA). DEPT. OF BIOLOGY.
tion System,	THE USSR, MOSCOW.	On the Origin of the Wet-Season Form of
W74-02496 7-05 3	Automatic Processing and Verification of	Zonocerus variegatus (L.) (Orth., Acrididae) In
	Meteorological Observations.	Southern Nigeria, with Some Biological Notes,
HYDRO-CLEAR CORP., AVON LAKE, OHIO.	W74-06722 7-13 2B	W74-02238 7-05 21
Apparatus and Method for Treating Was	State Record Keeping on Water and Its Usage	TRALEI POMPONICO GUARRIA CRISTO
Liquid,	and Hadadasia Calculations and Passants	IBM ELECTRONICS SYSTEMS CENTER,
W74-08026 7-15 5	(Gosudarstvennyy uchet vod i ikh	HUNTSVILLE, ALA. Application of Remote Sensing to Hydrology-
HYDRO PRODUCTS, SAN DIEGO, CALIF.	ispol'zovaniya i gidrologicheskiye raschety i	Final Technical Report,
Underwater Television - Its Development as		W74-07940 7-15 2A
Future,	W74-08054 7-15 7A	
W74-09545 7-18 7	3	IBM FEDERAL SYSTEMS DIV.,

Problem of Rational Use and Conservation of

Water Resources and Goals of Hydrology

(Problema ratsional'nogo ispol'zovaniya i ok-

7-15 6B

hrany vodnykh resursov i zadachi gidrologii),

7-10 5F

ILLINOIS BENEDICTINE COLL., LISLE.

the Fox Valley Water Shed,

ture Water System Design,

W74-11006

W74-05012

Carcinogenic Sources in Fish Tumors Found in

ILLINOIS INSPECTION BUREAU, CHICAGO.

Observing Fire Protection Requirements in Fu-

IBM RESEARCH LAB., SAN JOSE, CALIF.

IBM RESEARCH LAB., SAN JOSE, C Study of the Structure of Mole		IDAHO STATE UNIV., POCATELLO. DEPT. OF BIOLOGY.	IDAHO UNIV., MOSCOW. DEPT. OF CHEMISTRY.
plexes. VI. Dimers and Small Cluster Molecules in the Hartree-Fock App. W74-12923	ers of Water	The In Vivo Effect of P,P' DDT on Na+-K+- Activated ATPase Activity in Rainbow Trout (Salmo Gairdneri),	The Rate of Loss of Mercury From Aqueous Solution When Stored in Various Containers, W74-00043 7-01 5A
W14-12723		W74-11485 7-22 5C	
IBM THOMAS J. WATSON RESEAR		IDAHO UNIU VIMBERI V WATER	Losses of Trace Concentrations of Cadmium
CENTER, YORKTOWN HEIGHTS, N	i.Y.	IDAHO UNIV., KIMBERLY. WATER	from Aqueous Solution During Storage in Glass
Just a Moment,		RESOURCES RESEARCH INST.	Containers,
W74-07414	7-14 2A	Alternative Methods of Estimating Snow Water Parameters,	W74-12502 7-23 5A
Some New Methods of Topologic	Classifica-	W74-00377 7-01 2C	IDAHO UNIV., MOSCOW. DEPT. OF
tion of Channel Networks.	Ciassirion		ENTOMOLOGY.
W74-09221	7-17 8B	IDAHO UNIV., MOSCOW. COLL. OF	Comparative Food Habits of Four Species of
		FORESTRY.	Stream-Dwelling Vertebrates (Dicamptodon en-
IBM WATSON RESEARCH CENTER	,	Simulation Model for Evaluation of Intercep- tion Loss from Forest Trees, Part I. Modeling	satus, D. copei, Cottus tenuis, Salmo gaird-
YORKTOWN HEIGHTS, N.Y.		Snow Interception on Conifers and Part II.	neri),
A Bayesian Decision Framework f	or Synthetic	Laboratory Modeling of Snow Interception on	W74-01982 7-04 2I
Hydrology,	700 (4	Trees.	TO A HOLD WATER
W74-02438	7-05 6A	W74-02656 7-06 2I	IDAHO UNIV., MOSCOW. WATER
Determination of Cyanide in its P	latinum and		RESOURCES RESEARCH INST.
Palladium Complexes,		Pollution Effects on Adult Steelhead Migration	Report of Attitudes and Opinions of Recrea-
W74-05449	7-11 5A	in the Snake River,	tionists Towards Wild and Scenic Rivers: A Case Study of the St. Joe River,
		W74-08833 7-17 5C	W74-01102 7-03 6B
Channel Network Simulations,		IDAHO UNIV., MOSCOW. COLL. OF	W/4-01102
W74-10443	7-20 4A	FORESTRY, WILDLIFE AND RANGE	Environmental Survey of the Teton River and
ICARUS CORP., SILVER SPRING, M	4D	SCIENCES.	Henry's Fork of the Snake River,
Capital and Operating Costs of Po		The Effects of River Fluctuations Resulting	W74-01839 7-04 4A
trol Equipment Modules, Volum		from Hydroelectric Peaking on Selected	Determine the Control of the Control
GUIDE.	t i, USER	Aquatic Invertebrates,	Effect of Irrigation, Fertilization, and Other
W74-00307	7-01 5G	W74-07830 7-15 2I	Cultural Practices on Water Quality, W74-02321 7-05 5C
		Application of Remote Sensing in the Study of	W 74-02321 7-03 3C
Capital and Operating Costs of Po		Vegetation and Soils in Idaho,	Systems Analysis of Irrigation Water Manage-
trol Equipment Modules, Volume	II, DATA	W74-11738 7-22 4A	ment in Eastern Idaho,
MANUAL,			W74-02322 7-05 4B
W74-00308	7-01 5G	IDAHO UNIV., MOSCOW. DEPT. OF	
ICELAND UNIV., REYKAJAVIK. SO	TENCE	AGRICULTURAL AND FOREST ECONOMICS. Wild River Peception and Management: A	Evaluation of the Regional Multipurpose
INST.		Study of Users and Managers of the Middle	Economic Benefits Resulting From a Water
Geochemical Methods in Geothern	nal Explora-	Fork of the Salmon River.	and Related Land Resource Development, W74-02439 7-05 6B
tion,	•	W74-00551 7-02 6B	W /4-02439 /-03 6B
W74-11786	7-22 2K		The Archaeological Resources of the Salmon
		IDAHO UNIV., MOSCOW. DEPT. OF	River Canyon, A Methodology Study to
ICELAND UNIV., REYKJAVIK. SCI		AGRICULTURAL ECONOMICS.	Develop Evaluation Criteria For Wild and
Geochemistry of the Ahuachap		Summary Report for a Methodology Study to Develop Evaluation Criteria for Wild and	Scenic Rivers,
Area, El Salvador, Central America W74-09020	7-17 2K	Scenic Rivers.	W74-08845 7-17 6E
W 74-09020	/-1/ 2K	W74-07608 7-15 6B	IDDUTEGUEGO CANTORENZO IN CAMPO
Deuterium and Chloride in Geothe	rmal Studies		IDRUTECNECO, SAN LORENZO IN CAMPO
in Iceland,		IDAHO UNIV., MOSCOW. DEPT. OF	(ITALY). The Analysis of Some Monthly Hydrologic
W74-09022	7-17 2K	AGRICULTURAL ENGINEERING.	Time Series.
TO A HO DELDE A HOUSE COME	POLOC:	Relationship of Pumping Lift to Economic Use	W74-10606 7-20 2A
IDAHO BUREAU OF MINES AND G	EOLOGY,	of Groundwater for Irrigation, W74-01120 7-03 4B	W/4-10000
MOSCOW.		W /4-01120 /-03 4B	IFE UNIV. (NIGERIA). DEPT. OF BIOLOGICAL
Geothermal Potential of Idaho, W74-08974	7-17 2F	Tensiometer-Pressure Transducer System for	SCIENCES.
W /4-085/4	7-17 21	Studying Unsteady Flow Through Soils,	An Ecological Study of Vellozia schnitzleinia, a
Administration of Groundwater	as Both a	W74-05668 7-11 2G	Drought-Enduring Plant of Northern Nigeria,
Renewable and Nonrenewable Res	ource,	Unsteady Radial Flow in Partially Saturated	W74-06768 7-13 2I
W74-12792	7-24 4B	Soils.	IFE UNIV. (NIGERIA). DEPT. OF GEOLOGY.
TO LITE ORDER LETONS OFFICE CO.	(I) ID : 110	W74-06587 7-13 2G	ERGS.
IDAHO OPERATIONS OFFICE (AE	C), IDAHO		W74-04264 7-08 2J
FALLS. Radioactive Waste Management	Information	Evapotranspiration on a Palouse Watershed,	7-06 23
1972 Summary and Record-to-Date		W74-07087 7-14 2D	IIT RESEARCH INST., CHICAGO, ILL.
W74-09880	7-19 5B	IDAHO UNIV., MOSCOW. DEPT. OF	Reuse of Solid Waste from Water-Softening
		BACTERIOLOGY AND BIOCHEMISTRY.	Processes,
IDAHO OPERATIONS OFFICE (AE	C), IDAHO	The Influence of Organic Decomposition on	W74-05127 7-10 5D
FALLS. HEALTH SERVICES LAB.		Carbon Dioxide Hydrogen Sulfide, Dissolved	II I INOIS BENEDICEDIE COLL TICLE

Oxygen, and Algae Growth in the Dworshak

Effects of Copper, Zinc, and Cadmium on

IDAHO UNIV., MOSCOW. DEPT. OF

Selanastrum Capricornutum,

BIOLOGICAL SCIENCES.

7-05 5C

7-20 5C

Reservoir,

W74-02444

W74-10563

7-19 5A

7-24 5A

Falls, Idaho).

W74-09848

W74-13431

1972 National Reactor Testing Station Environ-

mental Monitoring Program Report, (Idaho

Environmental and Radiological Monitoring at

the National Reactor Testing Station During

FY-1973 (July 1972-June 1973),

ILLINOIS STATE WATER SURVEY, URBANA. WATER QUALITY SECTION.

OUALITY, CHICAGO.	WATER QUALITY SECTION.	from the Mt. Simon Aquifer in Northeastern Il-
Pressurized Sewer Collection Systems,	Algae in the Spoon River, Illinois 1971-1972,	linois. W74-08499 7-16 3A
W74-01286 7-03 5I		
Lake Michigan Discharge Studies. W74-02954 7-06 51	A Chlorine Demand Study of Secondary Sewage Effluents,	Design and Performance of Chlorine Contact Tanks.
W 74-02934	W74-10498 7-20 5D	W74-10035 7-19 5D
ILLINOIS INST. OF TECH., CHICAGO.		
Wastewater Treatment Technology (Second		Causes for Precipitation Increases in the Hills of Southern Illinois.
Addition), W74-00582 7-02 5I	Matter, W74-12288 7-23 5B	W74-11138 7-21 2B
	174-12200	
ILLINOIS INST. OF TECH., CHICAGO. DEPT.	ILLINOIS STATE WATER SURVEY, URBANA.	Public Groundwater Supplies in Crawford
OF ENVIRONMENTAL ENGINEERING. Investigation of the Chemical Identity of Solu	Ground-Water Nitrate Pollution in Rural Areas,	County, W74-11880 7-22 4B
ble Organophosphorus Compounds Found is		77-11000
Natural Waters,	What You Should Know About Pumping Tests.	Public Groundwater Supplies in Brown County,
W74-08935 7-17 5A	recitive memo ito it	W74-11881 7-22 4B
Septic Tanks and Groundwater Pollution,	W74-00933 7-02 8G	Public Groundwater Supplies in Boone County,
W74-09593 7-18 51	A Technique for Evaluating Algal Growth	W74-11882 7-22 4B
	Potential in Illinois Surface Waters,	P. L. C
ILLINOIS POLLUTION CONTROL BOARD, SPRINGFIELD.	W74-02342 7-05 5C	Public Groundwater Supplies in Ford County, W74-11883 7-22 4B
Pollution Control in Illinois, The Formativ	Water Quality Characteristics of Storm Sewer	W /4-11003
Years,	Discharges and Combined Sewer Overflows,	Public Groundwater Supplies in Hardin Coun-
W74-10718 7-20 56	W74-02345 7-05 5B	ty,
ILLINOIS STATE DEPT. OF MINES AND	D 1	W74-11884 7-22 4B
MINERALS, SPRINGFIELD. DIV. OF OIL AND	Development in Deep Sandstone Aquifer Along the Illinois River in La Salle County,	Public Groundwater Supplies in Kendall Coun-
GAS.	W74-03163 7-06 4B	ty,
Sealing Abandoned Water Wells.		W74-11885 7-22 4B
W74-03169 7-06 8		Public Groundwater Supplies in Edgar County,
ILLINOIS STATE ENVIRONMENTAL	Brine, W74-03250 7-07 5E	W74-11886 7-22 4B
PROTECTION AGENCY, SPRINGFIELD, DIV.	W74-03250 7-07 5E	
OF LAND POLLUTION CONTROL.	Pilot Scale Investigations of Well Recharge	Public Groundwater Supplies in Alexander
Evaluation of Nitrate Content of Ground Water		County, W74-11887 7-22 4B
in Hall County, Nebraska,	W74-03823 7-08 5D	W/4-1108/
W74-02465 7-05 5	Farm Ground Water Nitrate Pollution - A Case	The Illinois Urban Drainage Area Simulator,
ILLINOIS STATE ENVIRONMENTAL	Study,	ILLUDAS, W74-11889 7-22 5B
PROTECTION AGENCY, SPRINGFIELD. DIV.	W74-04158 7-08 5B	W74-11889 7-22 5B
OF PUBLIC WATER SUPPLIES. Public Water SuppliesChlorination.	Summary Report of Metromex Studies, 1971-	Determination of Soluble Cadmium, Lead,
W74-02538 7-05 5		Silver, and Indium in Rainwater and Stream
	W74-04509 7-09 2B	Water with the Use of Flameless Atomic Ab-
Public Water Supplies.	G Current Thinking in Water Resources Research	sorption, W74-12501 7-23 5A
W74-02539 7-05 5	and Their Applicability to Hawaii Conditions,	7.20 311
ILLINOIS STATE GEOLOGICAL SURVEY,	W74-07135 7-14 6B	Unit Stream Power for Sediment Transport in
URBANA.		Natural Waters, W74-13049 7-24 2J
Deduction of Flow Patterns in Variable-Densit		W74-13049 7-24 2J
Aquifers from Pressure and Water-Level Ol servations.	Survey, W74-07136 7-14 6B	ILLINOIS STATE WATER SURVEY, URBANA.
W74-03236 7-07 4	В	CHEMISTRY SECTION.
	Water Quality and Treatment of Domestic	Ground Water Supplies of Northeastern Illinois Quality Problems with Well Waters,
Tracing Shallow Groundwater Systems by So Temperatures.	il Groundwater Supplies, W74-07637 7-15 5F	W74-05100 7-10 5B
W74-12300 7-23 2		111 32
W/4-12300	Wells and Pumping Systems for Domestic	ILLINOIS STATE WATER SURVEY, URBANA.
Data from Controlled Drilling Program in Le		HYDROLOGY SECTION.
and Ogle Counties, Illinois, W74-12317 7-23 4	W74-07638 7-15 8B	Public Groundwater Supplies in Adams Coun- ty,
17-12-517	Planning a Domestic Groundwater Supply	W74-07172 7-14 4B
ILLINOIS STATE NATURAL HISTORY	System,	
SURVEY, URBANA.	W74-07639 7-15 4B	Public Groundwater Supplies in Bond County, W74-07429 7-14 4B
Ecology of Floodplain Pools in the Kaskask River Basin of Illinois.	The 7-Day 10-Year Low Flows of Illinois	H 14-0/425 /-14 4B
W74-05536 7-11 2	H Streams,	Two-Distribution Method for Modeling and
	W74-07677 7-15 2E	Sequential Generation of Monthly Stream-
The Fate of Dieldrin in a Model Ecosystem, W74-06170 7-12 5	B Ouality of Surface Water in Illinois, 1966-1971,	flows, W74-12283 7-23 2E
W /4-001/0 /-12 3	W74-07678 7-15 5A	1-23 ZE
ILLINOIS STATE UNIV., NORMAL. COLL. OF		ILLINOIS STATE WATER SURVEY, URBANA.
APPLIED SCIENCE AND TECHNOLOGY.	Domestic Hot Water Systems, Silicate Treat-	WATER QUALITY SECTION.
Water Pollution Aspects of Street Contamnants,	 ment Inhibits Corrosion of Galvanized Steel and Copper Alloys, 	A Case Study of Chlorine Contact Tank In- adequacies,
W74-13411 7-24 5		W74-09494 7-18 5D

ILLINOIS UNIV., CHICAGO. DEPT. OF ENERGY ENGINEERING.

ILLINOIS UNIV., CHICAGO. DEPT. OF ENERGY ENGINEERING.		ILLINOIS UNIV., URBANA. DEPT. OF AGRICULTURAL ECONOMICS AND	ILLINOIS UNIV., URBANA. DEPT. OF CIVIL ENGINEERING. Hydrodynamic Modeling of Two-Dimensional
Large-Scale Mass Balance for Southern Lake Michigan,	Lead in	SOCIOLOGY. Fidelity of Information Transmission in Local	Watershed Flow,
W74-08836	7-17 5B	Campaigns on Water Issues,	W74-01278 7-03 2A
ILLINOIS UNIV., CHICAGO. DEPT. O	F	W74-10690 7-20 6B	Chlorinated Hydrocarbon Insecticides in Sedi-
GEOLOGICAL SCIENCES. Method for Numerical Simulation o		ILLINOIS UNIV., URBANA. DEPT. OF AGRICULTURAL ENGINEERING.	ments of Southern Lake Michigan, W74-01397 7-03 5B
Multiaquifer Systems, W74-00382	7-01 2F	A Recycled Feed Source From Aerobically Processed Swine Wastes,	Methodologies for Flow Prediction in Urban Storm Drainage Systems,
Drawdown Distribution Due to Well	Fields in	W74-00412 7-01 5D	W74-01656 7-04 5D
Coupled in Coupled Leaky Aquifers,	1. Infinite	Selecting a Method for Scheduling Irrigation,	Bibliography on Optimization of Irrigation
Aquifer System, W74-02773	7-06 2F	Using a Simulation Model. W74-04134 7-08 3F	Systems, W74-01657 7-04 3F
Sedimentology and Bar Formation in Kicking Horse River, A Braided		An Isokinetic Sampler for Wind Erosible Silt and Clay Particle Measurement,	Field Tests on Transverse Mixing in Rivers, W74-02318 7-05 5B
Stream,		W74-06902 7-13 2J	W
W74-08297	7-16 2J	Commentation of Posterior on Solida from	Unsteady Flow in Sewer Networks, W74-03095 7-06 5D
ILLINOIS UNIV., URBANA.		Concentration of Proteinaceous Solids from Aerated Swine Manure,	
Two Environmental Analyses Agriculture,	Involving	W74-10140 7-19 5D	Illinois Storm Sewer System Simulation Model: User's Manual,
W74-02166	7-05 5B	ILLINOIS UNIV., URBANA. DEPT. OF	W74-03763 7-08 5D
Flood Control Project Planning by M	Mathemati-	AGRONOMY. Drought-Affected Mitochondrial Processes as	Development of a Meter for Measurement of
cal Programming: A Project-Expan	nsion Ap-	Related to Tissue and Whole Plant Responses,	Sewer Flow, W74-04857 7-10 8B
W74-02674	7-06 4A	W74-04127 7-08 3F	Applications of System Analyzers: A Summa-
Soil-Plant Relationships (Some Prac	tical Con-	Hysteretic Water Flow in a Porous Medium:	ry,
siderations in Waste Management), W74-05977	7-12 5D	Experimental Study and Numerical Simulation, W74-05959 7-12 2F	W74-05008 7-10 5F
W 14-03977	7-12 3D	Recovery of N15-Labeled Fertilizers in Field	Application of DDDP in Water Resources Planning.
Economic Aspects of the Application	on of Mu-	Experiments,	W74-06503 7-13 6A
nicipal Wastes to Agricultural Land, W74-05983	7-12 5D	W74-08315 7-16 5B	Network Analysis of Conjunctively Operated
Biological Uptake and Distribution		The Land Treatment Process for Wastewater	Ground Water Surface Water Systems
Animals,		Renovation, W74-09486 7-18 5D	
W74-09211	7-17 5C	Nitrate-N Accumulation in the Soil Profile	junctively Operated Ground Water - Surface
Some Lessons From Model and		under Alfalfa,	Water Systems, W74-07335 7-14 4A
Tests in Rectangular Sedimentation T W74-09736	7-18 5D	W74-10330 7-19 5B	
The Planning of a Corps of Engine	ore Deser-	Residual Effects of N15-Labeled Fertilizers in	Microbial Indicators for the Biological Quality of Treated Wastewater Effluents.
voir Project: Law, Economics and Po		a Field Study,	W74-07372 7-14 5E
W74-10064	7-19 6B	W74-11276 7-21 3F	Determination of the Fate of Polynuclear Aro
ILLINOIS UNIV., URBANA. AGRICUI	LTURAL	Biotoxic Elements in Soils, W74-12883 7-24 5D	matic Hydrocarbons in Natural Water Systems
EXPERIMENT STATION. Separation and Identification of C	arhofuran	W/4-12003	
Its Metabolites, and Conjugates For		ILLINOIS UNIV., URBANA. DEPT. OF BOTANY.	Chlorine Residuals in Treated Effluents, W74-08891 7-17 50
Exposed to Ring C-14-Labeled	Carbofuran	Sensitivity of Cell Division and Cell Elongation	Distribution of Colored Torre Matric is
Using ITLC Silica Gel Strips, W74-01577	7-03 5A	to Low Water Potentials in Soybean	
		Hypocotyls, W74-01249 7-03 3F	Bay,
A Beef Confinement Building with tion Ditch,	an Oxida-		W /4-08934 /-1/ 31
W74-11241	7-21 5D	Ultrastructure of the Green Alga Dichotomosiphon tuberosus with Special	
ILLINOIS UNIV., URBANA. COLL. O	F	Reference to the Occurrence of Striated Tu-	
VETERINARY MEDICINE. The Determination of Thallium in	Urine and	bules in the Chloroplast, W74-04881 7-10 5C	
Plasma by Delves Cup Atomic Absor		ILLINOIS UNIV., URBANA. DEPT. OF	Chlorination Efficiency, W74-10189 7-19 5I
W74-01314	7-03 5A	BUSINESS ADMINISTRATION.	A Constant Discharge Sinhan for Flow Man
Leptospires from Water Sources	at Dixon	Determination of Investment Cost Functions of	surement and Control,
Springs Agricultural Center, W74-13160	7-24 5A	Water Treatment Plants, W74-10691 7-20 5F	W74-11534 7-22 71
ILLINOIS UNIV., URBANA. DEPT. O			Introduction to Basic Remote Sensing for En
AGRICULTURAL ECONOMICS.		ILLINOIS UNIV., URBANA. DEPT. OF CIVIL AND CERAMIC ENGINEERING.	gineering Geologists,
Economic Evaluation of the Effect		Accelerated Curing of Cementitious Systems	
Crop Practices on Nonagricultura Water,	l Uses of	by Carbon Dioxide, Part II. Hydraulic Calcium	
W74-07828	7-15 5B	Silicates and Aluminates, W74-10849 7-20 8F	on Soil, W74-12884 7-24 51

INDIAN AGRICULTURAL RESEARCH INST., NEW DELHI. DIV. OF MICROBIOLOGY.

	Optimal Regionalization of Wastewater Treat-	IMMACULATE HEART COLL., LOS	voir. Part XIV. The Determination of Vanadi-
	ment for Water Quality Management,	ANGELES, CALIF. DEPT. OF BIOLOGY.	um in Fuel Oils,
	W74-13048 7-24 5D	Free Amino Acid Variations in the Anchovy,	W74-02400 7-05 5A
		Engraulis Mordax (Girard) from the Los An-	Condinat Titation & Navel Assessed to Con
	LINOIS UNIV., URBANA. DEPT. OF	geles Coastal Area,	Gradient Titration-A Novel Approach to Con-
E	CONOMICS.	W74-11294 7-21 5C	tinuous Monitoring Using ion-selective Elec-
	Externalities, Shadow Prices, and Benefit-Cost	IMPERIAL CHEMICAL INDUSTRIES, LTD.,	trodes, W74-05303 7-10 2K
	Calculations,	ALDERLY PARK (ENGLAND). INDUSTRIAL	W74-05303 7-10 2K
	W74-03960 7-08 6B	HYGIENE RESEARCH LAB.	Investigation of the Factors Affecting the
	TOTAL CONTRACTOR OF STREET	The Determination of Ethylmercury in Blood,	Response Time of a Calcium Selective Liquid
	LINOIS UNIV., URBANA. DEPT. OF	W74-06791 7-13 5A	Membrane Electrode,
	NTOMOLOGY.	W 14-00191 1-13 3A	W74-05304 7-10 2K
	Environmental Distribution and Metabolic Fate	IMPERIAL CHEMICAL INDUSTRIES LTD.,	17-10 2K
	of Key Industrial Pollutants and Pesticides in a	BILLINGHAM (ENGLAND). AGRICULTURAL	IMPERIAL COLL. OF SCIENCE AND
	Model Ecosystem,	DIV.	TECHNOLOGY, LONDON (ENGLAND). DEPT.
	W74-01655 7-04 5D	Analysis of Waste Waters and Interpretation of	OF CIVIL ENGINEERING.
		the Results.	Cohesionless, Fine Graded, Flaked Sediment
	Biochemistry of Selective Toxicity and	W74-00779 7-02 5A	Transport by Water,
	Biodegradability: Comparative O-Dealkylation		W74-01125 7-03 2J
	by Aquatic Organisms,	The Effect of Discontinuous Methanol Addi-	***************************************
	W74-07126 7-14 5C	tion on the Growth of a Carbon-Limited Cul-	Estuarine Currents and Tidal Streams,
	I THOUGHT WITH A PROPERTY OF	ture of Pseudomonas,	W74-04344 7-09 2L
	LINOIS UNIV., URBANA. DEPT. OF	W74-03584 7-07 5C	
G	EOLOGY.		Flow-Induced Vibration of Vertical-Lift Gate,
	On the Optimal Operation of Groundwater	IMPERIAL CHEMICAL INDUSTRIES LTD.,	W74-08058 7-15 8C
	Basins: A Calculus of Variations Approach,	LONDON (ENGLAND).	
	W74-01489 7-03 4B	The Role of the Chemicals Used in Paper and	IMPERIAL COLL, OF SCIENCE AND
		Paper Board Making in Minimising Effluent	TECHNOLOGY, LONDON (ENGLAND). DEPT.
	Theoretical Analysis of Forced Convective	Problems,	OF GEOLOGY.
	Heat Transfer in Regional Ground-Water Flow,	W74-12427 7-23 5G	The Influence of Suspended Particles on the
	W74-01957 7-04 2F	MARRIAL CHIRATECT INDUCEDING LED	Precipitation of Iron in Natural Waters,
		IMPERIAL CHEMICAL INDUSTRIES LTD.,	W74-04272 7-08 5B
	Oxygen and Carbon Isotope Compositions of	NORTHWICH (ENGLAND). WINNINGTON	W/4-042/2
	Altered Carbonates from the Western Pacific,	LAB.	IMPERIAL COLL. OF SCIENCE AND
	Core 53.0, Deep Sea Drilling Project,	A Study of the Variation with pH of the Solu-	TECHNOLOGY, LONDON (ENGLAND). DEPT.
	W74-03352 7-07 2J	bility and Stability of Some Metal Ions at Low	OF MATHEMATICS.
		Concentrations in Aqueous Solution. Part II,	Nitrogen: A Problem of Decreasing Dilution,
	Hydrostratigraphic Units of Surficial Deposits	W74-00261 7-01 5A	W74-08864 7-17 5B
	of East-Central Illinois,	IMPERIAL CHEMICAL INDUSTRIES LTD.,	***************************************
	W74-10852 7-20 2J	RUNCORN (ENGLAND). CORPORATE LAB.,	IMPERIAL COLL. OF SCIENCE AND
		AND LIVERPOOL UNIV. (ENGLAND). DEPT.	TECHNOLOGY, LONDON (ENGLAND). DEPT.
	LLINOIS UNIV., URBANA. DEPT. OF PLANT	OF BIOCHEMISTRY.	OF METALLURGY.
P	HYSIOLOGY AND HORTICULTURE.	Structure and Function of Nucleic Acids,	Analysis by Means of Gas Bubble Electrifica-
	Saturated Water Flow Through Clay Pots,	W74-12571 7-23 5C	tion.
	W74-03306 7-07 3F	W/4-125/1	W74-02406 7-05 2K
_		IMPERIAL COLL. OF SCIENCE AND	11102100
	LLINOIS UNIV., URBANA. DEPT. OF	TECHNOLOGY, LONDON (ENGLAND).	IMPERIAL GOVERNMENT OF IRAN,
2	OOLOGY.	Extracellular Carbohydrate Liberation in the	TEHRAN. PLAN ORGANIZATION.
	Scanning Electron Microscopy of Fixed,	Flagellates Isochrysis Galbana and Prymnesium	Application of ERTS-1 Imagery in the Fields of
	Frozen, and Dried Protozoa,	Parvum,	Geology, Agriculture, Forestry, and Hydrology
	W74-04497 7-09 7B	W74-08745 7-17 5C	to Selected Test Sites in Iran,
			W74-06710 7-13 4A
	LLINOIS UNIV., URBANA. INST. OF	IMPERIAL COLL. OF SCIENCE AND	713 41
(OVERNMENT AND PUBLIC AFFAIRS.	TECHNOLOGY, LONDON (ENGLAND).	Optimum Design Height of Cofferdams,
	Riverfront Development: The Politics of	APPLIED GEOCHEMISTRY GROUP.	W74-07304 7-14 8A
	Master Planning,	The Distribution of Trace Metals and Fauna in	
	W74-08495 7-16 3D	the Firth of Clyde in Relation to the Disposal of	IMPERIAL OIL LTD., CALGARY (ALBERTA).
		Sewage Sludge,	Gypsum-Cement Blend Works Well in Per-
	LLINOIS UNIV., URBANA. WATER	W74-02420 7-05 5B	mafrost Areas,
	RESOURCES CENTER.	IMPERIAL COLL OF SCIENCE AND	W74-07884 7-15 8F
	Analysis of Liquid-Waste Injection Wells in Il-	IMPERIAL COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND).	
	linois by Mathematical Models,		INDIA INST. OF TECH., KANPUR.
	W74-07604 7-15 5B	APPLIED GEOCHEMISTRY RESEARCH GROUP.	Comparison of Rainfall-Runoff Models for
			Urban Areas,
1	LLINOIS UNIV., URBANA. WORLD	An Additional Location of Metalliferous Sedi-	W74-07463 7-14 2A
	IERITAGE MUSEUM.	ments in the Red Sea,	
		W74-05554 7-11 2J	INDIAN AGRICULTURAL RESEARCH INST.,
•	Irrigation in Ancient Mesopotamia,		NEW PRINT PHE OF LORIGINATION
•	Irrigation in Ancient Mesopotamia, W74-05673 7-11 4A	IMPERIAL COLL, OF SCIENCE AND	NEW DELHI. DIV. OF AGRICULTURAL
	W74-05673 7-11 4A	IMPERIAL COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND), DEPT.	PHYSICS.
,	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF	TECHNOLOGY, LONDON (ENGLAND). DEPT.	
,	W74-05673 7-11 4A	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY.	PHYSICS.
1	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon	PHYSICS. Adaptability of Maize to High Soil Water Con-
,	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF ANIMAL SCIENCE.	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359.352-nm and Chromium 359.349-nm Spectral	PHYSICS. Adaptability of Maize to High Soil Water Conditions,
;	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF ANIMAL SCIENCE. Lead and Vitamin Effects on Heme Synthesis, W74-09761 7-18 5C	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359,352-nm and Chromium 359,349-nm Spectral Lines in Atomic Absorption and Atomic	PHYSICS. Adaptability of Maize to High Soil Water Conditions,
;	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF INIMAL SCIENCE. Lead and Vitamin Effects on Heme Synthesis,	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359.352-nm and Chromium 359.349-nm Spectral Lines in Atomic Absorption and Atomic Fluorescence Spectrometry of Chromium,	PHYSICS. Adaptability of Maize to High Soil Water Conditions, W74-00892 7-02 3F
;	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF ANIMAL SCIENCE. Lead and Vitamin Effects on Heme Synthesis, W74-09761 7-18 5C	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359,352-nm and Chromium 359,349-nm Spectral Lines in Atomic Absorption and Atomic	PHYSICS. Adaptability of Maize to High Soil Water Conditions, W74-00892 7-02 3F INDIAN AGRICULTURAL RESEARCH INST.,
;	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF INIMAL SCIENCE. Lead and Vitamin Effects on Heme Synthesis, W74-09761 7-18 5C MB NETHERLANDS, AMSTERDAM.	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359.352-nm and Chromium 359.349-nm Spectral Lines in Atomic Absorption and Atomic Fluorescence Spectrometry of Chromium,	PHYSICS. Adaptability of Maize to High Soil Water Conditions, W74-00892 7-02 3F INDIAN AGRICULTURAL RESEARCH INST., NEW DELHI. DIV. OF MICROBIOLOGY.
;	W74-05673 7-11 4A LLINOIS UNIVERSITY, URBANA. DEPT. OF INIMAL SCIENCE. Lead and Vitamin Effects on Heme Synthesis, W74-09761 7-18 5C IMB NETHERLANDS, AMSTERDAM. Sewage Treatment Plant - Using Combined	TECHNOLOGY, LONDON (ENGLAND). DEPT. OF CHEMISTRY. Investigation of Spectral Overlap of the Neon 359,352-nm and Chromium 359,349-nm Spectral Lines in Atomic Absorption and Atomic Fluorescence Spectrometry of Chromium, W74-01337 7-03 2K	PHYSICS. Adaptability of Maize to High Soil Water Conditions, W74-00892 7-02 3F INDIAN AGRICULTURAL RESEARCH INST., NEW DELHI. DIV. OF MICROBIOLOGY. Cyanophage AC-1: A Phage Infecting Unicellu-

INDIAN AGRICULTURAL RESEARCH INST., NEW DELHI. DIV. OF MICROBIOLOGY.

INDIAN AGRICULIONAL RESEARCH INTO 1, 1121	Diam. Div. of Michobiology.	
Azotobacter Chroococcum in the Phyllosphere of Water Hyacinth (Eichhornia Crassipes Mert.	INDIAN INST. OF TECH., KHARAGPUR. DEPT. OF AGRICULTURAL ENGINEERING.	INDIANA UNIV., BLOOMINGTON. DEPT. OF MICROBIOLOGY.
Solms), W74-12686 7-23 2I	Effect of Dilute Salt Solutions on Chernozem Soil Estimated Through the Hydration Properties of the Colloids,	Attachment of Bacteria to Sulphur in Extreme Environments, W74-06065 7-12 5B
INDIAN COUNCIL OF AGRICULTURAL	W74-08135 7-15 2G	INDIANA UNIV., BLOOMINGTON, DEPT. OF
RESEARCH, BELLARY. SOUTHERN REGIONAL SOIL CONSERVATION RESEARCH SUB-STATION.	Irrigation NumberA New Technique to Evaluate Irrigation Advance Distance,	POLITICAL SCIENCE; AND INDIANA UNIV., BLOOMINGTON. DEPT. OF PUBLIC AND
Water Budget Estimation in Bellary Region,	W74-08266 7-16 3F	ENVIRONMENTAL AFFAIRS.
W74-13145 7-24 2D	INDIAN INST. OF TECH., KHARAGPUR. DEPT.	The Positive Role of Environmental Manage- ment.
INDIAN COUNCIL OF AGRICULTURAL RESEARCH, HYDERABAD. SOUTHERN	OF CIVIL ENGINEERING. Effect of Entrance on Seiche Motion in Ocean	W74-12464 7-23 6G
REGIONAL SOIL CONSERVATION	Ports, W74-04743 7-09 2L	INDIANA UNIV., BLOOMINGTON. DEPT. OF ZOOLOGY.
RESEARCH CENTRE. Land Management in Red (Chalka) Soils of	INDIAN INST. OF TECH., MADRAS.	The Thermal Regime of Lake Lanao
Telengana,	HYDRAULIC ENGINEERING LAB.	(Philippines) and its Theoretical Implications for Tropical Lakes,
W74-02086 7-04 3F	Improving the Accuracy of Point-Gauge Mea- surement in High-Velocity Flows (Amelioration	W74-04665 7-09 2H
INDIAN COUNCIL OF AGRICULTURAL	de la Precision de la Pointe de Mesure Dans	INDIANA UNIV., BLOOMINGTON. POPLARS
RESEARCH, NEW DELHI. Effect of Moisture Stress on Soybean (Glycine	Les Ecoulements Rapids), W74-08195 7-16 7B	RESEARCH AND CONFERENCE CENTER. Laundry Detergents and Environmental Quali-
max (L.) Merr.), W74-01599 7-03 3F	INDIAN INST. OF TECH., NEW DELHI. DEPT. OF CIVIL ENGINEERING.	ty, W74-07122 7-14 5C
INDIAN DEFENCE LAB., JODHPUR.	Sequential Generation of Streamflow,	An Environmental Reference for the Construc-
Characteristics of Zinc Smelting Industrial Waste and Simultaneous Removal of Toxic	W74-12281 7-23 2E	tion Industry, W74-12661 7-23 5C
Elements and Phosphates from It,	Modelling of Surface Runoff Systems by an	INDIANA UNIV., BLOOMINGTON. SCHOOL
W74-11354 7-21 5D	ARMA Model, W74-12993 7-24 2A	OF PUBLIC AND ENVIRONMENTAL AFFAIRS. A Report on the Limnology of Monroe Reser-
INDIAN GRASSLAND AND FODDER RESEARCH INST., JHANSI.	INDIAN NATIONS COUNCIL OF	voir, Indiana,
Nitrogen Fertilization of Fodder Sorghum M.	GOVERNMENTS, TULSA, OKLA. Water Supply and Waste Disposal Policy	W74-04792 7-09 2H
P. Chari (Sorghum Bicolor) Grown Under Rainfed Conditions,	Review.	Alternative Strategies for Managing Waste-
W74-13146 7-24 3F	W74-00809 7-02 5D	water, W74-09712 7-18 5D
INDIAN INST. OF MANAGEMENT,	INDIAN OCEAN PHYSICAL OCEANOGRAPHIC CENTRE OF THE INDIAN	INDIANA UNIV., INDIANAPOLIS. DEPT. OF
AHMEDABAD.	OCEAN EXPEDITION, ERNAKULAM.	MICROBIOLOGY.
Economics of Resource Use on Sample Farms of Central Gujarat,	Some Studies on Wave Refraction in Relation	Effects of Thermal Additions from the Yel- lowstone Geyser Basins on the Bacteriology of
W74-01491 7-03 3F	to Beach Erosion Along the Kerala Coast, W74-00506 7-01 2J	the Firehole River,
INDIAN INST. OF PETROLEUM, DEHRA DUN.	INDIAN STATISTICAL INST., NEW DELHI.	W74-02895 7-06 5B
Depollution Techniques and Management in an	PLANNING UNIT.	INDONESIAN PETROLEUM INST.,
Oil Refinery, W74-10280 7-19 5D	Toward the Structure of a Production Function for Wheat Yields With Dated Inputs of Irriga-	DJAKARTA. Sea PollutionSome Aspects and the Need to
	tion Water,	Fight It,
INDIAN INST. OF TECH., BOMBAY. Programmable Temperature Controllers,	W74-10600 7-20 3F	W74-08485 7-16 5B
W74-06145 7-12 7C	INDIANA PURDUE UNIV., INDIANAPOLIS.	INDUSTRIAL BIO-TEST LABS., INC., NORTHBROOK, ILL.
INDIAN INST. OF TECH., BOMBAY. DEPT. OF	DEPT. OF GEOLOGY. The Geology of Water: The Limiting Factor in	Mobile Bioassay Laboratories, W74-12191 7-23 5A
CHEMISTRY. Mesityl Oxide as an Extracting Agency for	Urban Development, W74-07402 7-14 3D	
Beryllium,	INDIANA STATE UNIV., TERRE HAUTE.	INDUSTRIAL BIO-TEST LABS., NORTHBROOK, ILL. ENVIRONMENTAL
W74-00280 7-01 2K	DEPT. OF CHEMISTRY.	SCIENCES DIV.
Solvent Extraction of Selenium (IV) with 2- Thenoyltri-Fluoroacetone,	Quantitative Chemical Analysis of Specific Components of the Waters of Lost Creek and	The Assessment of Environmental Impact- Water Quality and Quality Assurance Con-
W74-07692 7-15 5A	the Wabash River, Vigo County, Indiana, W74-07405 7-14 5A	siderations, W74-10952 7-21 5A
INDIAN INST. OF TECH., KANPUR. DEPT. OF		INDUSTRIAL NUCLEONICS CORP
CIVIL ENGINEERING.	INDIANA UNIV., BLOOMINGTON. Survival of Bacteria in Extreme Environments,	COLUMBUS, OHIO. NEW VENTURES DIV.
Studies on Seepage from Canals with Partial Lining,	W74-02962 7-06 5C	Labortory Testing and Field Test Support of the SO-2 Stack Gas Monitor,
W74-02319 7-05 4A	Mutual Interference of Water Wells,	W74-09834 7-19 5A
Virus Removal in Waste Stabilisation Ponds,	W74-03154 7-06 8B	INDUSTRIAL SCIENCE AND TECHNOLOGY
W74-08352 7-16 SD	Sandstone Aquifers in Eastern Sullivan Coun	ACENCY TORVO (IADAN) (ACCIONEC)

ty, Indiana,

INDIANA UNIV., BLOOMINGTON. DEPT. OF ANATOMY AND PHYSIOLOGY.

Core Temperature Changes,

Seasonal Variation in Heart Rate Response to

W74-07401

W74-04244

7-22 8B

7-10 7C

Multi-Stage Flash Distillation Plant,

INDUSTRIAL WASTE CONTROL, FLINT, MICH. BUICK MOTOR DIV.

Disinfection and Oxidation of Industrial

7-11 5D

W74-09174

Wastes,

W74-05513

7-14 4B

7-08 5C

Flow Over Side-Weirs,

Sounding Curves,

INDIAN INST. OF TECH., KHARAGPUR.
On the Automatic Computation of Geoelectric

W74-11521

W74-05129

Toxicity and Accumulation of Lead in the

Common Mussel Mytilus Edulis in Laboratory

INSTITUT FUER MEERESFORSCHUNG,

BREMERHAVEN (WEST GERMANY).

Experiment, (In German),

INDUSTRIELE ONDERNEMING WAVIN, N.V.,

INSTITUT FUER IMMUNOBIOLOGIE, BERLIN

Nitrates, Nitrites; Their Relationship to Animals, Man: IV. Factors Causing a Concen-

tration in Fodder Crops of Nitrates, Nitrites:

Their Dependence Upon Ecological Factors;

Time of Storage, (In German),

(EAST GERMANY).

W74-12741

7-15 5D

ZWOLLE (NETHERLANDS). (ASSIGNEE)

System for Reversed Osmosis,

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, TUNIS (TUNISIA).

MOSCOW (USSR).

INSTITUT GIGIENY TRUDA I

PROFESSIONALNYKH ZABOLEVANII,

Experimental Investigations of the Biological

Activity of Organophosphorus Complexones,

INNSBRUCK UNIV. (AUSTRIA). DEPT. OF	W74-00972 7-02 5C	W74-01797 7-04 5B
PHYSICS.	Vissashalas Caulai N.C.N.Ca (Facalida	DIGERRIE OF CITATION OF THE PARTY OF THE PAR
Seasonal Variations in the Tritium Activity of	Kinonchulus Sattleri N.G.N.Sp. (Enoplida,	INSTITUT GIGIENY TRUDA I
Run-Off from an Alpine Glacier	Tripyloidea), An Aberrant Freeliving Ne-	PROFZABOLEVANII, UFA (USSR).
(Kesselwandferner, Oetztal Alps, Austria),	matode from the Lower Amazonas,	Experimental Study of the Hazard Due to
W74-09341 7-18 2C	W74-00974 7-02 2I	Chlorinated Quinones and their Safety Levels
	Greeffiella Moppa Sp. N. From the Skagerrak	in Water Bodies (In Russian),
INST. BOT., WARS. UNIV., WARSAW, POL.	(Nematoda, Desmoscolecidae), (In German),	W74-07778 7-15 5C
WARSAW UNIV. (POLAND). INST. OF	W74-00975 . 7-02 2I	INSTITUT NATIONAL DE LA RECHERCHE
BOTANY.	W 14-00913 . 1-02 21	
Diatoms of the Concrete Embankment of the	Lead Uptake from Sea Water and Food, and	AGRONOMIQUE, DIJON (FRANCE).
Zegrze Lake,	Lead Loss in the Common Mussel Mytilus	The Influence of Drought on the Growth, Yield
W74-12528 7-23 2H	Edulis.	and Composition of the Field Bean, (In
INST. DESERT, ACAD. SCI. TURKM. SSR,	W74-11311 7-21 5C	French),
ASHKHABAD, USSR. DESERT INST.,		W74-05941 7-11 3F
ASHKHABAD (USSR).	The Common Mussel Mytilus Edulis as Indica-	INSTITUT NATIONAL DE LA RECHERCHE
Some Data on Sand Movement in the Amu	tor for the Lead Concentration in the Weser	AGRONOMIQUE, DIJON (FRANCE). STATION
	Estuary and the German Bight, (Die	D'AGRONOMIE.
dar'ya Valley, (In Russian), W74-11916 7-22 2G	Miesmuschel Mytilus Edulis Als Indikator Fur	Functioning Process of Drainage in
W /4-11916 /-22 20	Die Bleikonzentration im Weserastuar Und In	Hydromorphic Washed Soil (Sur le processus
INSTITUT DE BIOLOGIE PHYSICO-	Der Deutschen Bucht),	de fonctionnement des drains en sol lessive
CHIMIQUE, PARIS (FRANCE).	W74-12265 7-23 5B	hydromorphe),
Limiting Steps in Photosystem II and Water		W74-10570 7-20 4A
Decomposition in Chlorella and Spinach	INSTITUT FUER SPEKTROCHEMIE UND	W /4-103/0 /-20 4A
Chloroplasts,	ANGEWANDTE SPEKTROSKOPIE,	INSTITUT NATIONAL DE LA RECHERCHE
W74-00238 7-01 5C	DORTMUND (WEST GERMANY).	AGRONOMIQUE, DIJON (FRANCE), STATION
W 74-00238 7-01 3C	Application of Activated Carbon for the En-	D'AMERIORATION DES PLANTES.
INSTITUT DES PECHES MARITIMES DU	richment of Trace Elements and Their Deter-	Infiltration and Leaching of a Located Tracter
MAROC, CASABLANCA.	mination by Atomic Absorption Spectrometry,	in an Unsaturated Soil: Effect of Initial
A Bacteriological Study of the Oyster Beds and	(Uber die Verwendung von Aktivkohle zur An-	Moisture Content, (in French),
Shellfish of the Lagoon of Oualidia During	reicherung von Spurenelementen mit nachfol-	W74-01752 7-04 2G
1970, (In French),	gender Bestim mung durch Atomabsorptions-	W/4-01/32 /-04 20
W74-06252 7-12 5C	Spektrometrie,	INSTITUT NATIONAL DE LA RECHERCHE
W /4-06232 /-12 3C	W74-02433 7-05 5A	AGRONOMIQUE, MONTPELLIER (FRANCE).
INSTITUT FIZIKI, KRASNOYARSK (USSR).		SERVICE D'ETUDE DES SOLS.
Microflora of Nutrient Solution in Soilless	INSTITUT FUER SUSWASSERFISCHZUCHT,	Seasonal Variations of the Salinity in Some
Growing of Vegetable Crops, (In Russian),	PLOVDIV (BULGARIA).	Profiles and in the Water Table of the Sodic
W74-04235 7-08 3F	Mineral Fertilization of Carp Ponds in Polycul-	Soils of Camargue: Preliminary Results (In
W 74-04233 7-06 31	tural Rearing,	French),
INSTITUT FONDAMENTAL D'AFRIQUE	W74-12246 7-23 5C	W74-04124 7-08 2G
NOIRE, DAKAR (SENEGAL). DEPT. OF	INSTITUT FUER UMWELTFORSCHUNG,	17-04124 7-00 20
GEOGRAPHY.	GRAZ (AUSTRIA).	INSTITUT NATIONAL DE LA RECHERCHE
Sand Gullying in a Sahelian Site: Observations	Comments on the Paper by G. W. Kwant	AGRONOMIQUE, MONTPELLIER (FRANCE).
During Recent Rainfall in the Nouakchott Re-	'Sixteen Years of Water Fluoridation in The	SERVICE D'ETUDES DES SOSL.
gion (Mauritania),	Netherlands and Its Influence on Dental	Salt Profiles of Soils: Investigational Methods
W74-12677 7-23 4D	Decay,'	and Level of Significance: Application to
		Halomorphic Soils in Southern France (In
INSTITUT FRANCAIS DU PETROLE, DES	W74-02230 7-05 5F	French),
CARBURANTS ET LUBRIFIANTS, RUEIL-	INSTITUT FUER ZELLSTOFF UND PAPIER,	W74-13162 7-24 2G
MALMAISON (FRANCE).	HEIDENAU (EAST GERMANY).	11413102
What's New in Downhole Operating Technolo-	Proposal of a Simplified Manometric Method	INSTITUT NATIONAL DE LA RECHERCHE
gy,	for Measuring Biochemical Oxygen Demand	AGRONOMIQUE, THONON-LES-BAINS
W74-00950 7-02 8G	Results and Problems (Vorschlag einer verein-	(FRANCE). STATION D'HYDROBIOLOGIE
	fachten manometrischen Methode zur Messung	LACUSTRE.
A Numerical Model of Multiphase Flow	des biochemischen Sauerstoffbedarfs Ergeb-	Comparative Study, in 1966 and 1967, of Three
Around a Well.	nisse und P robleme),	Reservoirs in the Project of a Natural Park in
W74-04258 7-08 4B	W74-00782 7-02 5A	the Morvan Region (In French),
	W/4-00/82 /-02 3A	W74-04815 7-09 5C
First ERTS-1 Results in Southeastern France:	On Some Special Problems of Sulfite Pulp	7-07 50
Geology, Sedimentology, Pollution at Sea,	Waste Water Purification (Zu einigen speziellen	Study of the Physico-Chemistry of a River
W74-06687 7-13 4A	Problemen der Sulfitzellstoff-Abwasser-	System in the French Morvan: II. Seasonal
	reinigung),	Variations and Influence of Reservoirs on
INSTITUT FRANCAIS DU PETROLE, RUEIL-	W74-07386 7-14 5D	Rivers, (In French),
MALMAISON (FRANCE).	7-14 30	W74-11159 7-21 2K
37 Ways to Improve Your Well Completions,	Studies on Internal Reuse of Sulfite Evaporator	7-21 28
W74-07870 7-15 8G	Condensates (Untersuchungen zur inner-	Evolution of The Plankton Biocenosis of Lake
INSTITUT SUPP IMMUNOBIOLOGIE BEBLIN	betrieblichen Wiederverwending von Sul-	Annecy, (In French),

fitablaugeneindampfkondensaten),

INSTITUT GEOKHIMII, IRKUTSK (USSR).

Heat and Mass Transfer in Hydrothermal Systems, Physical-Mathematical Models and

W74-09453

Experiments,

W74-09005

7-23 5B

7-21 2H

INSTITUT NATIONAL DE LA RECHERCHE

Ameliorating Sub-Soiling of Pseudogley,

The Answer of the Soil Genetic Criteria to the

Question of the Function and Durability of

AGRONOMIQUE, TUNIS (TUNISIA).

W74-11168

W74-12157

7-18 5D

7-17 2F

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE,

INSTITUT NATIONAL DE LA RECHE	RCHE	3
AGRONOMIQUE, VERSAILLES (FRA		
Confirmation of Hexachlorobenzene	by Ch	emi-
cal Reaction, W74-04871	7-10	5A

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, VERSAILLES (FRANCE). STATION CENTRALE D'AGRONOMIE.

Contribution to the Study of the Mechanism of Soil Compaction: The concept of Lubrication Potential, (In French), W74-08700 7-16 2G

Effects of Coarse Constituents on Dynamics of Water in a Sandy Soil: II. Dynamics of Water in a Fine-Earth/Coarse Constituents System: Positive Moisture Changes, (In French), W74-12742 7-23 2G

INSTITUT NATIONAL DES SCIENCES APPLIQUEES, TOULOUSE (FRANCE).

Concerning a New Graphic Method for Study of Natural Waters (In French), W74-01008 7-02 2K

INSTITUT NEFTEKHIMICHESKOI I GAZOVOI PROMYSHLENNOSTI, MOSCOW (USSR).

Summary of Latest Works on Unsteady Flow of Liquids Through Porous Media, W74-12824 7-24 2F

INSTITUT PASTEUR DU VIETNAM, SAIGON. DEPT. OF WATER SANITATION AND TOXICOLOGY.

Toxicity Control of Industrial Wastewaters and Pesticide-Polluted Waters in Vietnam, W74-08480 7-16 5C

INSTITUT PASTEUR, LILLE (FRANCE). LABORATOIRE D'HYDROBIOLOGIE.

The Counting of Aerobic Actinomycetes in Water Samples (Denombrement des Actinomycetes Aerobies De L'eau),
W74-08220 7-16 5A

INSTITUT PASTEUR, PARIS (FRANCE).

Increase in Foliar Transpiration as a Result of Traumatism in the Amphistomatic Plants, W74-01735 7-04 2D

Autotrophy and Heterotrophy in Unicellular Blue-Green Algae, W74-12587 7-23 5C

INSTITUT PASTEUR, PARIS (FRANCE). LABORATOIRE DES LEPTOSPIRES.

Leptospirosis in a Rural Surrounding: Epidemiological and Professional Aspects Among Farmers (In French), W74-13399 7-24 5C

INSTITUT PRIKLADNOI GEOFIZIKI, MOSCOW (USSR).

An Airborne Gamma Survey of Moisture Content in the Surface Detention Layer, (Samoletnaya gamma-s'yemka zapasov vlagi v sloye poverkhnostnogo zaderzhaniya), W74-02307 7-05 2G

Experiment in Determination of Water Equivalent of Snow in Mountains by Absorption of Galactic Cosmic Radiation (Opyt opredeleniya zapasov vlagi v snezhnom pokrove v gorakh po pogloshcheniyu galakticheskogo kosmicheskogo izlucheniya), W74-09932 7-19 2C

INSTITUT ROYAL DES SCIENCES NATURELLES DE BELGIOUE, BRUSSELS.

Some Simple Methods for Limnological Study in Shallow Water, W74-00998 7-02 7B

INSTITUT ROYAL METEOROLOGIQUE DE BELGIQUE, BRUSSELS.

The Evaporation from a Water Pan--Its Limited Significance (L'evaporation d'un bac d'eau libre--sa signification restreinte), W74-06908 7-13 2D

INSTITUT SCIENTIFIQUE CHERIFIEN, RABAT (MOROCCO). LAB. OF ZOOLOGY.

A Contribution to the Ecological Study of the Bou Regreg Estuary: The Problem of Pollution, W74-12712 7-23 5C

INSTITUT SCIENTIFIQUE ET TECHNIQUE DES PECHES MARITIMES, NANTES (FRANCE).

A Parasitic Sporozoan of Crassostrea rhizophorae (Guilding), (In French), W74-06253 7-12 5C

INSTITUT TROPICAL SUISSE, BASEL.

Preliminary Results of the Project for Controlling and Preventing Schistosomiasis in the Lower Mangoky (Malagasy Republic), W74-00992 7-02 5F

Attempt at Mollusk Control by Increasing the Planktonic Biomass and by Molluscicidal Treatment: The Urea-N-Tritylmorpholine Association (In French),
W74-02226 7-05 5C

INSTITUT VULKANOLOGII,

PETROPAVLOVSK-KAMCHATSKII (USSR).
Recent Hydrothermal Systems of Kamchatka,
W74-08989 7-17 2F

Evaluation of Operational Reserves of High Temperature Waters, W74-09003 7-17 2F

INSTITUT ZA BIOLOGIJO SAZU, LJUBLJANA (YUGOSLAVIA).

The Effect of Polluted Water on The Assimilation Rate of The Brown Algae Ascophyllum Nodosum (L.) Le Jol. and Fucus Vesiculosus (L.) (Preliminary Experiment), W74-11284 7-21 5C

Changes and Succession in The Benthic Algal Associations of Slightly Polluted Habitats, W74-11286 7-21 5C

INSTITUT ZA BOTANIKU, ZAGREB (YUGOSLAVIA).

Ecological Investigation of Eubacteria and Actinomycetes in Aquatic and Terrestrial Biotopes of Croatia (In Serbo-Croatian), W74-09351 7-18 5B

INSTITUT ZA NUKLEARNE NAUKE BORIS KILDRIC, BELGRADE (YUGOSLAVIA).

Complex Behaviour of Cobalt in the Danube River, W74-02373 7-05 5B

INSTITUT ZEMNOI KORY, IRKUTSK (USSR).

Outline of the Hydrogeology of Siberia (Ocherki po gidrogeologii Sibiri). W74-09641 7-18 2F

Subsurface Flow into Lake Baykal Basin (Podzemnyy stok basseyna oz. Baykal), W74-09642

Present State and Prospects of Groundwater Use for Water Supply of Populated Areas in Irkutsk Oblast (Sostoyaniye i perspekitivy ispol'zovaniya podzemnykh vod dlya vodosnabzheniya obzhitoy chasti Irkutskoy oblasti),
W74-09643 7-18 4B

Present State and Prospects of Use of Therapeutic Mineral Waters in the Irkutsk Oblast (Sostoyaniye i perspektivy ispol'zovaniya lechebnykh mineral'nykh vod Irkutskoy oblasti),

Mineral Waters of Nilovaya Pustyn', Their Regime and Resources (Mineral'nyve vody Nilovoy Pustyni, ikh rezhim i resursy), W74-09645 7-18 2K

Mineral Lakes of Tuva (Mineral'nyye ozera Tuvy), W74-09646 7-18 2H

Problems of Hydrogeologic Investigations in the Eastern Part of the USSR in 1971-75 (Zadachi gidrogeologicheskikh issledovaniy na Vostoke SSSR na 1971-1975 gg), W74-09647 7-18 4B

INSTITUTE FOR ADVANCED STUDY,

PRINCETON, N.J.

The Wet and the Dry: Traditional Irrigation in Bali and Morocco, W74-02106 7-04 6G

INSTITUTE FOR AGRICULTURAL RESEARCH, ZARIA (NIGERIA).

Preliminary Trials with Herbicides in Irrigated Onions at Samaru, Nigeria, W74-02079 7-04 3F

Effect of an Exceptional Storm on Soil Conservation at Samaru, Nigeria,
W74-05340 7-10 2J

The Deposition of Sulphur in the Rainwater in Northern Nigeria, W74-12980 7-24 5B

INSTITUTE FOR APPLIED RESEARCH ON NATURAL RESOURCES, BAGDAD (IRAQ).

Guidelines for Research on Water Requirements of Crops,
W74-13345 7-24 3F

Feasibility Study for the Establishment of Dalmaj Pilot Project, W74-13346 7-24 3F

INSTITUTE FOR APPLIED RESEARCH ON NATURAL RESOURCES, BAGHDAD (IRAQ).

Groundwater Survey of the Erbil Project Area, W74-00761 7-02 4B

Sand Dune Reclamation in Iraq -- Present Status and Future Prospects, W74-07104 7-14 2J

The Improvement of Poor Structured Basin Depression Soils at Fudhaliya Experimental Field, W74-08763 7-17 3C

Role of Class a Pan in Estimating Natural Evaporation and Evapotranspiration, W74-13153 7-24 2D

Forecasting Yield of Wheat and Barley from Meteorological Factors in Rain-Fed Areas of Iraq, W74-13154 7-24 3F

INSTITUTE OF HYDROLOGY, WALLINGFORD (ENGLAND).

INSTITUTE FOR BIOLOGICAL RESEARCH, BELGRADE (YUGOSLAVIA).	INSTITUTE OF BIOLOGY OF THE SOUTHERN SEAS, ODESSA (USSR).	Characteristics of the Action of Distilled Drimking Water on the State of the Gastroin-
Fishes as Indicators of Water Quality and Their	Features of Horizontal Turbulence in the Lit- toral Zone of the Ocean,	testinal Tract, (In Russian), W74-13374 7-24 5C
Significance for Economic Use (Fische als In- dikator der Gewassergute und ihre Bedeutung	W74-03452 7-07 2E	INSTITUTE OF GEOGRAPHY OF SIBERIA
fur die wasserwirtschaftliche Nutzung), W74-03563 7-07 5A	INSTITUTE OF BIOLOGY OF THE SOUTHERN	AND THE FAR EAST, IRKUTSK (USSR).
INSTITUTE FOR FERMENTATION, OSAKA	SEAS, SEVASTOPO (USSR). Survival of Some Pelagic Copepods of the	Statistical Characteristics of Thunderstorms in Yakutsk Assr (Statisticheskiye kharakteristiki
(JAPAN).	Black and Mediterranean Seas in Water of Dif- ferent Salinity, (Vyzhivanie nekotorykh	groz Yakutii), W74-04253 7-08 2B
Aquatic Sediment as a Habitat of Emericellop- sis, With a Description of an Undescribed Spe-	pelagicheskikh kopepod Chernogo i Vredizem-	Division of the Cisbaykal Region into Zones on
cies of Cephalosporium, W74-03568 7-07 5A	nogo morei v vode razlichnoi solenosti), W74-08725 7-17 5C	the Basis of Moisture and Heat Availability
	INSTITUTE OF BIOLOGY OF THE SOUTHERN	(Rayonirovaniye territorii Predbaykal'ya po stepeni uvlazhneniya i teploobespechennosti),
INSTITUTE FOR GEOLOGICAL AND GEOPHYSICAL RESEARCH, BELGRADE	SEAS, SEVASTOPOL (USSR). Composite Energy Fluxes as Factors in Coastal	W74-04254 7-08 2G
(YUGOSLAVIA).	Formation.	Water Exchange in Lake Baykal (O vodoob-
Application of Geophysical Methods in the Investigation of Mineral and Thermal Waters,	W74-05029 7-10 2L	mene v oz. Baykal), W74-06306 7-12 2H
W74-10645 7-20 4B	INSTITUTE OF COASTAL OCEANOGRAPHY	
	AND TIDES, BIRKENHEAD (ENGLAND).	Regime of Snow-Avalanche Descent in Northern Transbaykal (Rezhim skhoda snezh-
INSTITUTE FOR LAND AND WATER	Numerical Model of St. Lawrence River Estua-	nykh lavin na severe Zabaykal'ya),
MANAGEMENT RESEARCH, WAGENINGEN (NETHERLANDS).	ry, W74-06738 7-13 2L	W74-10625 7-20 2C
Effects of Water and Heat on Seedling Emer-	INSTITUTE OF DENTAL RESEARCH, PRAGUE	INSTITUTE OF GEOGRAPHY, USSR
gence, W74-00930 7-02 3F	(CZECHOSLOVAKIA).	ACADEMY OF SCIENCES, MOSCOW.
W74-00930 7-02 3F	Influence of Water Intake on the Degree of In-	Infiltration and Run-off of Melt Water on
Water Withdrawal by Plant Roots,	cisor Fluorosis and on the Incorporation of Fluoride into Bones and Incisor Teeth of Mice.	Glaciers, W74-09347 7-18 2C
W74-04655 7-09 3F	W74-05246 7-10 5C	
INSTITUTE FOR MARINE ENVIRONMENTAL		INSTITUTE OF GEOLOGICAL SCIENCES,
RESEARCH, LOWESTOFT (ENGLAND).	INSTITUTE OF DENTAL RESEARCH, PRAGUE (CZECHOSLOVAKIA). CHEMICAL DEPT.	LONDON (ENGLAND). Borehole Logging Investigations in the Chalk
FISHERIES LAB.	Aluminum in Fluoridated Drinking Water:	of the Lambourn and Winterbourne Valleys of
Mercury and Other Metals in British Seals,	Analytical and Physiological Problems,	Berkshire,
W74-09571 7-18 5B	W74-06164 7-12 5A	W74-00956 7-02 8G
INSTITUTE FOR SOIL FERTILITY,	INSTITUTE OF FISHERIES DEVELOPMENT	INSTITUTE OF GEOLOGICAL SCIENCES,
GRONINGEN (NETHERLANDS). Occurrence and Behaviour of Heavy Metals in	AND RESEARCH, DILIMAN, QUEZON CITY (PHILIPPINES).	LONDON (ENGLAND). DEPT. OF HYDROGEOLOGY.
River Deltas, with Special Reference to the	Weight-Length Relationship and Growth of	Variations in the Design of Depth Samplers for
Rhine and EMS Rivers,	Chanos chanos (Fersskal) Grown in Freshwater	use in Groundwater Studies,
W74-03034 7-06 5B	Ponds, W74-01080 7-02 8I	W74-07865 7-15 8G
INSTITUTE FOR SOIL RESEARCH,		INSTITUTE OF HEALTH AND TROPICAL
BELGRADE (YUGOSLAVIA).	INSTITUTE OF FORENSIC RESEARCH, KRAKOW (POLAND).	DISEASES, MEXICO CITY. EPIDEMIOLOGY UNIT.
Contribution to the Study of the Action of	The Application of the Thin-Layer Chromato-	Water-Borne Transmission of
Water-Soluble and Citrate-Soluble Phosphoric Under Acids Different Moisture Conditions,	graphic - Enzyme Inhibition Technique to Or-	Chloramphenicol-Resistant Salmonella typhi in
(In Serbo-Croation),	ganochlorine Insecticides,	Mexico, W74-10906 7-21 5C
W74-06315 7-12 3C	W74-00461 7-01 5A	
INSTITUTE FOR WATER AND AIR	INSTITUTE OF GAS TECHNOLOGY,	INSTITUTE OF HYDROGEOLOGY AND ENGINEERING GEOLOGY, TASHKENT
POLLUTION RESEARCH, STOCKHOLM	CHICAGO, ILL. Wastewater Treatment: Anaerobic Processes,	(USSR).
(SWEDEN).	W74-12937 7-24 5D	Bromine in Groundwater of Uzbekistan (Brom
Factors in the Transformation of Mercury to	INSTITUTE OF GAS TECHNOLOGY,	v podzemnykh vodakh Uzbekistana),
Methylmercury, W74-06794 7-13 5B	CHICAGO, ILL. DIV. OF BIOENGINEERING	W74-07505 7-14 2K
	RESEARCH.	Investigation of the Relation of Groundwater
Mercury and Food Chains,	Kinetics of Substrate Assimilation and Product	Evaporation to Lithological Structure of the
W74-06796 7-13 5B	Formation in Anaerobic Digestion, W74-09440 7-18 5B	Zone of Aeration (K izucheniyu zavisimosti ispareniya gruntovykh vod ot litologicheskogo
The Chemical Treatment of Municipal Waste		stroyeniya zony aeratsii),
Water (Zur Chemischen Behandlung von Staed-	INSTITUTE OF GENERAL AND MUNICIPAL	W74-07529 7-14 2D
tischen Abwassern),	HYGIENE, MOSCOW (USSR). Experimental Data on the Sorption Capacities	INSTITUTE OF HYDROLOGY,
W74-08199 7-16 5D	of Water Bearing Strata and Survival of	WALLINGFORD (ENGLAND).
INSTITUTE FOR WATER RESOURCES	Escherichia coli During Bacterial Contamina-	A Stream Length Study,
(ARMY), ALEXANDRIA, VA.	tion of Ground Water (In Russian), W74-01002 7-02 5B	W74-00380 7-01 2E
Institutional Implications of Deepwater Ports. W74-00820 7-02 8A		Use of Censored Data in the Estimation of
7-02 8A	Study of Metabolism of Nickel Entering the Body with Drinking Water, (In Russian),	Gumbel Distribution Parameters for Annual Maximum Flood Series.
INSTITUTE OF APPLIED GEOPHYSICS,	W74-07361 7-14 5C	W74-02763 7-06 2E
PRAGUE (CZECHOSLOVAKIA).		
Geothermal Prospecting in Shallow Holes and Its Limitations,	A Method for Rapid Identification of Typhoid and Dysentery Bacteria in Water,	Long-Distance Telemetry of Data for Flood Forecasting,
W74-09001 7-17 2F	W74-11162 7-21 5C	W74-05859 7-11 4A

INSTITUTE OF NUCLEAR SCIENCES, LOWER

Accumulation of Fossil CO2 in the Atmosphere

HUTT (NEW ZEALAND).

INSTITUTE OF PAPER CHEMISTRY,

APPLETON, WIS. DIV. OF NATURAL MATERIALS AND SYSTEMS.

Cyclopoida

INSTITUTO DE PESCA, PARQUE FERNANDO

(Copepoda, Crustacea) in the Waters of the

COSTA, SAO PAULO (BRAZIL).
Breeding Calanoida and

INSTITUTE OF HYDROLOGY, WALLINGFORD (ENGLAND).

7-16 4A

The Potential Application of Satellites in River

Regulation,

W74-08206

W /4-08206	/-10 4A	and the Sea, Chemical Analysis	of Water Effluents Les-
A Hydrological Study of the South	nern Sudd	W74-02375 7-05 5C sons from the U.S.	(Army Corps of Engineers)
Region of the Upper Nile,	7.00 44	INSTITUTE OF OCCUPATIONAL AND Permit Program, W74-00791	7.00
W74-11905	7-22 4A	INSTITUTE OF OCCUPATIONAL AND W74-00791 RADIOLOGICAL HEALTH, BELGRADE	7-02 5A
A Mathematical Examination of U	rban Run-		hosphorus in Waste Waters
Off Prediction,		Lead in New-Fallen Snow Near a Lead from the Pulp and P	
W74-13449	7-24 4C	Smelter, W74-03069	7-06 5A
INSTITUTE OF INDUSTRIAL HYGIEN	E AND	W74-11722 7-22 5B INSTITUTE OF PUBI	LIC ADMINISTRATION,
OCCUPATIONAL DISEASES, BRATIS		INSTITUTE OF OCCUPATIONAL HEALTH, WASHINGTON, D.C.	
(CZECHOSLOVAKIA).			nt and Unemployment. A
Isolation and Cleanup of Organophos		TOXICOLOGY. Methodological Stu Occupational Exposure to Inorganic Com- W74-01835	dy, 7-04 5G
secticides and Their Oxones from A	nimal Tis-	nounds of Lead	1
sues, W74-02403	7-05 5A	W74-12483 7-23 5A INSTITUTE OF PUBI	LIC UTILITY SERVICES,
		WARSAW (POLAND	. LAB. OF
INSTITUTE OF INDUSTRIAL HYGIEN		INSTITUTE OF OCEANOGRAPHIC SCIENCES, BIRKENHEAD (ENGLAND). HYDROBIOLOGY. Rotifers of the No.	ear Bottom Zone of Lakes
OCCUPATIONAL DISEASES, PRAGUI	E	Caesium-137 as a Water Movement Tracer in Mikolajskie and Ta	
(CZECHOSLAVAKIA). Biochemical Responses to Provocat	ive Chela-	the St George's Channel, W74-00935	7-02 2H
tion by Edetate Disodium Calcium,	ive chera-	W74-05555 7-11 2E	TOTAL CAR
W74-11723	7-22 5C	INSTITUTO DE INVI	
		TAUNTON (ENGLAND). AGRONOMICA DE N LOURENCO MARQU	
INSTITUTE OF INDUSTRIAL HYGIEN OCCUPATIONAL DISEASES, PRAGU			n Some Great Groups of
(CZECHOSLOVAKIA).	E	Mixing in Well-Mixed Estuaries, Mozambique Soils,	
Polyacrylamide Gel Disc Electropi	horesis of	W74-07673 7-15 2L W74-08313	7-16 2G
Rat Bile after Intravenous Administr		INSTITUTE OF OCEANOGRAPHIC SCIENCES, INSTITUTO DE INVI	ESTIGACIONES
MnC12, 64CuC12, 203HgC12	and 210	WORMLEY (ENGLAND). PESQUERAS, CADIZ	
Pb(N03)2,			Oysters (Crassostrea Angu-
W74-07694	7-15 SC		elva Coasts, (In Spanish),
INSTITUTE OF MARINE RESEARCH		W74-07160 7-14 2L W74-00978	7-02 5C
HELSINKI (FINLAND). BIOLOGY DIV		Indications of Long Term, Tidal Control of Net Variation of Coppe	r, Iron, Manganese and Zinc
Effects of Toxicants on Brac	kish-Water	Sand Loss or Gain by European Coasts, Contents of Oyster	rs (Crassostrea Angulata) at
Phytoplankton Assimilation,			of Gonadal Development
W74-04644	7-09 5C		contenido en cobre, hierro,
INSTITUTE OF MEDICAL AND VETE	RINARY	manganeso y eme	en relacion con la madura- on, Crassostrea angulata, de
SCIENCE, ADELAIDE (AUSTRALIA).		Treatment of Sulfite Evaporator Condensates las costas de Cadiz	
AMOEBIC RESEARCH UNIT.		for Recovery of Volatile Components, W74-12255	7-23 5C
A Method for the Isolation of Nac	gleria Spe-	W74-02281 7-05 5D	
cies from Water Samples,	7 12 60		, Iron, Manganese and Zinc
W74-06068	7-12 5C	m Oysters (Classo	strea Angulata) on the Gulf is del cobre, Hierro, man-
INSTITUTE OF MEDICAL PARASITO	LOGY	branes, ganeso v cinc en os	stiones-Crassostrea angulata-
AND TROPICAL MEDICINE, MOSCO	W	W74-02286 7-05 5D Del Golfo de Cadiz	
(USSR).		A Mathematical Model for Optimizing the W74-12256	7-23 5C
Significance of Docks in Dissem		Design of Reverse Osmosis Systems, INSTITUTO DE INV	ECTIC ACIONES
Diphyllobothriasis near Rivers a Transport Water Bodies (Accordin			Z (SPAIN). LABORATORIO
from the Volga Piers and the Volgog		Cellulosic Deposits in Benthal Environments: DE INVESTIGACION	
voir). (In Russian).	grad Reserv	Occurrence Evolution and Decomposition Mercury content o	f the Mussels (Mytilus Edu-
W74-00991	7-02 5C	W74-08423 7-16 SR lis) Growing Free	and Under Cultivation in
0 1 6 26 1 6 0 11 1		Northwest Spain, (W74-13493	In Spanish), 7-24 5B
Search for a Method for Sanitizing from Helminth Eggs Using Ag		Color Characterization Before and After Lime	7-24 3B
Means. (Preliminary Communication		Treatment, W74-11793 7-22 5D INSTITUTO DE INV	
sian),	i), (iii Kus-	PESQUERAS, VIGO	
W74-07018	7-13 5D	Transfer in printer in the copies the copies in the copies	ion in Relation with Size and rustacea (Consumo de ox-
P#	**	o) ita inneca reeninques,	lel tomano y la temperatura
Effect of Granulated DDT Used in		W74-12414 7-23 5D igeno en funcion de en crustaceos),	or communo y la temperatura
Control on Water Organisms, (In Rus W74-12154	7-23 5C	INSTITUTE OF PAPER CHEMISTRY, W74-12254	7-23 SC
		APPLETON, WIS. DIV. OF INDUSTRIAL AND	PETIC A CIONPE
INSTITUTE OF MUNICIPAL ECONOR	MY,	ENVIRONMENTAL SYSTEMS. INSTITUTO DE INV	(SPAIN). LABORATORIO
POZNAN (POLAND).	lak-t-	Toxicity of Sodium Sulfide to Common Shiners Dynamic Bioassay, Dynamic Bioassay, Dynamic Bioassay,	
The Influence of Certain Toxic S			iter of the Bay of Vigo (In
Contained in Domestic Wastes, on the Escherichia Coli and Pseudomo		Spanish),	
Lachericina Con and recudomo	nas riou-	Treatment of Sulfite Evaporator Cendensates W74-01007	7-02 2L

for Recovery of Volatile Components,

The Biological Measurement of Water Quality,

W74-09066

W74-12932

7-17 5D

7-24 5A

W74-11301

rescens, (L'Influence De Certaines Substances

Toxiques, Contenues Dans Les Eaux D'egouts

Municipaux, Sur Les Bacteries Escherichia Coli Et Pseudomonas Flourescens),

INSTYTUT UPRAWY NOWOZENIA I GLEBOZNAWSTWA, PULAWY (POLAND).

			OR
Guama, Capim and Tocantins Regions,	with	h a	INSTITUTUL
Note on the Accompanying Fauna, (In gese),			BUCHAREST FIZIOLOGY
W74-13465 7-	24	5C	The Effect Secretion a
INSTITUTO DE PESQUISAS E EXPERIMENTACAO AGROPECUARIAS			W74-00483
CENTRO-OESTE, SETE LAGOAS (BRAZ Plant Population with Irrigated Wheat, (or-	INSTITUTUL IASI (RUMAN
tuguese), W74-11111 7-	21	2G	A Bioassay
INSTITUTO DE PESQUISAS E			Study of A Its Preventi W74-08221
EXPERIMENTACAO AGROPECUARIAS SUL, PELOTAS (BRAZIL).	DO		
Hydric Characteristics of Pelotas Soi Grande Do Sul, (In Portuguese),	ils,	Rio	INSTITUTUL PEDOLOGIE
	24	2G	Contribution Pseudogley
INSTITUTO DI BIOLOGIA DEL MARE, VENICE (ITALY).			W74-12282
Oil Pollution Monitoring in the Lag Venice Using the Mussel Mytilus Gallo cialis.			PEDOLOSIE, Influence
	-22	5C	Osmotic Su falfa Yields
INSTITUTO EVANDRO CHAGAS, BELE (BRAZIL), WELLCOME PARASITOLOG			W74-12715
UNIT.			INSTITUTUI
Leishmaniasis in Brazil: VI. Observat the Seasonal Variations of Lutzomyia F			(RUMANIA). Graded Be
tellata in Different Types of Forest Relationship to Enzootic Rodent Leishn (Leishmania Mexicana Amazonensis),			bidites: A 7 W74-12384
W74-12734	7-23	21	INSTITUTUI
Leishmaniasis in Brazil: VII. Further C			(RUMANIA). Contributio
Flaviscutellata (Mangabeira) with Pa	artic	ular	Territory V
Reference to Its Biting Habits at D Heights,			Dams of Fi W74-07448
W74-12735	7-23	21	
INSTITUTO NACIONAL DE			INSTITUUT
ELECTRIFICACION (GUATEMALA).			TNO, AMSTI Water Polls
Geothermal Resources of Guatemala, America,	Cen	tral	W74-04536
W74-08976 7	-17	2F	INSTRUMEN

America, W74-08976 7-17 2F INSTITUTO NACIONAL DE LIMNOLOGIA, SANTO TOME (ARGENTINA). Some Bacteriological Aspects of Lake Vila

(Gerona, Spain).

W74-11239

INSTITUTO NACIONAL DE PESQUISAS DA AMAZONIA, MANAUS (BRAZIL).

The Emission of Biogenic Hydrogen Sulfide from Amazonian Floodplain Lakes, W74-12284 7-23 5B

7-21 2H

INSTITUTO VENEZOLANO DE INVESTIGACIONES CIENTIFICAS, CARACAS.

Striated Ground, A Type of Patterned Ground in the Periglacial Area of the Venezuelan Andes, (In Spanish), W74.04651 7-09 2G

W74-04651 7-09 2G

On the Synthesis of Random Field Sampling from the Spectrum: An Application to the Generation of Hydrologic Spatial Processes, W74-12295 7-23 2B

INSTITUTUL DE CERCETARI PENTRU CEREALE SI PLANTE TEHNICE, FUNDULEA (RUMANIA).

The Influence of Dry Periods at Various Stages of Development: Investigations of the Water Economy in Oats and Millet,

W74-06243 7-12 3F

INSTITUTUL DE CERCETARI ZOOTECHNICE, BUCHAREST (RUMANIA). LAB. FOR THE FIZIOLOGY OF ANIMALS.

The Effect of KCl in Drinking Water on Milk Secretion and Composition, (In Rumanian), W74-00483 7-01 5C

INSTITUTUL DE MEDICINA SI FARMACIA, IASI (RUMANIA). CATEDRA DE IGIENA.

A Bioassay of Toxicity Using Protozoa in the Study of Aquatic Environment Pollution and Its Prevention, W74-08221 7-16 5A

INSTITUTUL DE STUDII SI CERCETARI
PEDOLOGIE, BUCHAREST (RUMANIA).
Contributions to the Knowledge of Tissa Plain

Pseudogley Soils, (In Rumanian), W74-12282 7-23 2G

INSTITUTUL DE STUDII SI CERCETARI PEDOLOSIE, BUCHAREST (RUMANIA).

Influence of the Ratio Between Matric and Osmotic Suctions on the Oat and First-Year Alfalfa Yields, (In Rumanian), W74-12715 7-23 3F

INSTITUTUL GEOLOGIC, BUCHAREST

Graded Bedding in Recent Black Sea Turbidites: A Textural Approach, W74-12384 7-23 2J

INSTITUTUL POLITEHNIC DIN GALATI

Contributions to the Calculation of the Rood Territory Width and the Transversal Section Under the Retention Level at the Weirs and Dams of Fishery Purposes, (In Rumanian), W74-07448 7-14 81

INSTITUUT VOOR GRAFISCHE TECHNIEK TNO, AMSTERDAM (NETHERLANDS).

Water Pollution in the Netherlands, W74-04536 7-09 5B

INSTRUMENTATION LAB., INC., LEXINGTON, MASS.

Trace Metals in Atmospheric Particulates and Atomic Absorption Spectroscopy, W74-07705 7-15 5A

INSTYTUT BALNEOKLIMATYCZNY, POZNAN (POLAND).

Some Problems Involved in Optimal Protection of the Environment in Spas,
W74-04847 7-09 5G

INSTYTUT CELOLOZOWO-PAPIERNICZY, WARSAW (POLAND).

Effluents from Waste Paper Stock Cleaning (Scieki po oczyszczaniu masy makulaturowej), W74-12972 7-24 5B

INSTYTUT CELULOZOWO-PAPIERNICZY, WARSAW (POLAND).

Phenolic Compounds in Spent Pulping Liquors and Pulp Mill Effluents (Zwiazki fenolowe w lugach i sciekach z celulozowni), W74-06400 7-12 5A

INSTYTUT GOSPODARKI KOMMUNALNEJ, CHORZOW (POLAND). SAMODZIELNA PRACOWNIZ RADIOEKOLOGII.

Cumulation of Radioactive Substance in Dam Reservoirs, W74-03272 7-07 5B INSTYTUT GOSPODARKI KOMMUNALNEJ, CHORZOW (POLAND). ZAKLAD RADIOL.

Beta Radioactivity of Periphyton in Certain Dam Reservoirs, W74-00993 7-02 5B

INSTYTUT GOSPODARKI KOMMUNALNEJ, WARSAW (POLAND). PRACOWNIA HYDROBIOL.

Microfauna of Activated Sludge. Part III. The Effect of Physico-Chemical Factors on the Occurrence of Microfauna in the Annual Cycle, W74-01542 7-03 5C

INSTYTUT HODOWLI I AKLIMATYZACJI ROSLIN, WARSAW (POLAND). ZAKLAD BIOFIZYKI ROSLIN.

Some Remarks Concerning the Action of IAA on Transpiration Examined at the First Vegetative Stage of Triticum Durum Var. Oued Zenati 368, (In Polish), W74-13259 7-24 2D

INSTYTUT MELIORACJI I UZYTKOW ZIELONYCH, SZCZECIN (POLAND). TERENOWY ODDZIAL BADAWCZY.

Cirsio-Polygonetum Meadows in the Province of Szczecin (In Polish), W74-01815 7-04 2I

INSTYTUT RYBACTWA SRODLADOWEGO, ZABIENIEC (POLAND). DEPT. OF FISH CULTURE.

Use of Phytophagous Fish to Control Aquatic Plants,

INSTYTUT UPRAWNY NOWOZENIA I GLEBOZNAWSTWA, BABOROW (POLAND).

The Influence of Manure Amelioration Treatments on Physical Properties of Sandy Soil, (In Polish),
W74-00484
7-01 3F

Yield and Chemical Composition of Cocksfoot in Dependence of Nitrogen Fertilization and Water Supply, (In Research), W74-00491 7-01 3F

INSTYTUT UPRAWNY NOWOZENIA I

GLEBOZNAWSTWA, WROCLAW (POLAND). Investigation on the Ecology and Control of Wild Oat (Avena fatua L.) Under the Conditions in Wroclaw Voivodeship, (In Polish), W74-02921 7-06 3F

INSTYTUT UPRAWY NOWOZENIA I GLEBOZNAWSTWA, PULAWY (POLAND).

Modification of the Way of Reading the Values of Resistance Measured by Means of the Pneumatic Soil Resistancemeter (Penetrometer Type), (In Polish),
W74-00051 7-01 7B

Effect of Some Forms of Nitrogen Fertilizers on the Development and Chemical Composition of the Flue Cured Tobacco at Different Soil Moisture, (In Polish), W74-06137 7-12 3F

INSTYTUT UPRAWY NOWOZENIA I GLEBOZNAWSTWA, PULAWY (POLAND). LABORATORIUM ANAL. GLEBOWYCH.

Relationship Between Properties and Agricultural Suitability of Soils: Soil Complexes: Good Wheat Soils, Very Good Rye Soils, Good Rye Soils (In Polish),
W74-00054
7-01 2G

7-20 5B

7-21 5A

7-22 5E

Ocean Waste Disposal in The New York Bight,

A National Overview of Existing Coastal Water

A Bibliography on Ocean Waste Disposal.

W74-10655

W74-11010

W74-11985

Quality Monitoring.

7-08 5C

7-13 5C

INSTYTUT ZOOTECHNIKI, OSWIECIM (POLAND)		
INSTYTUT ZOOTECHNIKI, OSWIECIM (POLAND). SAMODZIELNA PRACOWNIA	Managing at the Local Level, W74-12478 7-23 6B	Food Chains in the Sea, W74-12051 7-23 5C
BIOLOGII RYB I STRODOWISKA WODNEGO. The Effect of Ethylenediaminetetraacetic Acid on the Growth of Chlorella Pyrenoidosa and Its Role in the Dynamics of Metabolism and Accessibility of Iron and Calcium, W74-02925 7-06 5C	INTERNATIONAL ENGINEERING CO., INC., DENVER, COLO. BARTON, STODDARD, MILHOLLIN AND HIGGINS DIV. River Regulations as Influence on Peak Discharge,	INTERNATIONAL LAB. OF MARINE RADIOACTIVITY, MONTE CARLO (MONACO). OCEANOGRAPHIC MUSEUM. Theoretical Experimental and Field Studies Concerning Reactions of Radioisotopes with
INSTYTUT ZOOTECHNIKI, OSWIECIM (POLAND). ZAKLAD DOSWIADCZALNEJ	W74-09617 7-18 4A INTERNATIONAL FIELD YEAR FOR THE	Sediments and Suspended Particles of the Sea. Part C: Applications to Field Studies, W74-11670 7-22 5B
ZATOR. Selected Species of Algae Found in Carp Ponds of the Laskowa Complex Near Zator, W74-01607 7-03 2I	GREAT LAKES PROJECT OFFICE, ROCKVILLE, MD. On the Dynamics of Wind-Driven Lake Currents, W74-11895 7-22 2H	INTERNATIONAL MINERALS AND CHEMICAL CORP., LIBERTYVILLE, ILL. (ASSIGNEE). Compost for Removing Oil Films from Water,
INTASA, MENLO PARK, CALIF. Multiple Planning for Multipurpose Water	W/4-11895 /-22 ZH INTERNATIONAL GEODETIC SURVEY INST.	W74-03658 7-07 5D
Resource Systems: A Structure for Regional Water Resource Development, W74-06106 7-12 6B A Computer Simulation Model for Flood Plain Development. Part II: Model Description and	CO. LTD., TOKYO (JAPAN). Photogrammetric Techniques Applied in the Development of Geothermal Resources in Matsukawa and Otake Geothermal Areas Using a Vector Method, W74-09012 7-17 4B	INTERNATIONAL NICKEL CO. OF CANADA LTD., SHERIDAN PARK (ONTARIO), J. ROY GORDON RESEARCH LAB. Improvements in the Manganese Dioxide Col- lection of Trace Lead and Bismuth in Nickel, W74-00281 7-01 2K
Applications, W74-07296 7-14 6A	INTERNATIONAL HARVESTER CO., HINSDALE, ILL.	INTERNATIONAL PAPER CO., MOBILE ALA. Color Removal from Kraft Pulp Mill Effluents
INTER-AMERICAN TROPICAL TUNA COMMISSION, LA JOLLA, CALIF.	Development of Asphalt Moisture Barrier Equipment,	by Massive Lime Treatment, W74-02284 7-05 5D
Mercury in Tunas: A Review, W74-09574 7-18 5B	W74-06586 7-13 3F INTERNATIONAL IMAGING SYSTEMS,	INTERNATIONAL PAPER CO., TICONDEROGA, N. Y. SOLID WASTE MANAGEMENT.
Lagrangian Measurements in a Coastal Up- welling Zone Off Oregon, W74-12325 7-23 2E	MOUNTAIN VIEW, CALIF. Experimental Masking of RBV Images to Reduce Stationary Residual Inaccuracies in	Paper Industry and Environmental Quality, W74-09475 7-18 5D
INTERNATIONAL AGRICULTURAL CENTRE, WAGENINGEN (NETHERLANDS). Drainage and Land Reclamation in the Lower	Radiometric Correction, W74-06649 7-13 7C	INTERNATIONAL RESEARCH AND TECHNOLOGY CORP., ARLINGTON, VA. A Systems Approach to Problem Oriented
Mesopotanian Plain, W74-13148 7-24 4A	Water Depth Estimation with ERTS-1 Imagery, W74-06680 7-13 2L	Research Planning: A Case Study of Food Production Wastes, W74-11040 7-21 5G
INTERNATIONAL ASSOCIATION FOR HYDRAULIC RESEARCH, DELFT (NETHERLANDS); AND INTERNATIONAL SOCIETY OF SOIL SCIENCE, AMSTERDAM (NETHERLANDS).	INTERNATIONAL INST. FOR AERIAL SURVEY AND EARTH SCIENCES, ENSCHEDE (NETHERLANDS). Photo-Hydrological Reconnaissance Surveys, W74-10648 7-20 7B	INTERNATIONAL WATER SUPPLY ASSOCIATION, LONDON (ENGLAND). INTERNATIONAL STANDING COMMITTEE ON WATER QUALITY AND TREATMENT. Nitrates in Water Supplies.
Fundamentals of Transport Phenomena in Porous Media. W74-12811 7-24 2F	INTERNATIONAL INST. FOR APPLIED SYSTEMS ANALYSIS, LAXENBURG	W74-10886 7-20 5B
INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA (AUSTRIA).	(AUSTRIA). Some Problems on the Stochastic Flood Control.	INTERSTATE COMMISSION ON THE POTOMAC RIVER BASIN, BETHESDA, MD. The Potomac, Water Quality Planning.
Calculation of Dose Conversion Factors for 60Co Gamma Radiation in Water, (In German),	W74-13029 7-24 4A	W74-03977 7-08 5G INTERSTATE COMMISSION ON THE
W74-02198 7-05 5B INTERNATIONAL BANK FOR	INTERNATIONAL INST. OF TROPICAL AGRICULTURE, IBADAN (NIGERIA). Possible Microbial Contribution to Nitrosamine	POTOMAC RIVER BASIN, WASHINGTON, D.C.
RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, D.C.	Formation in Sewage and Soil, W74-06136 7-12 5B	(The Potomac 1972). W74-01032 7-02 6B
Economic Analysis and Municipal Water Supply in Developing Countries, W74-00190 7-01 10A	Hydrolysis and Availability of Pyrophosphate in Tropical Soils, W74-08498 7-16 2G	Statement for Public Meetings of the Depart- ment of Army Corps of Engineers Concerning the Reformulation of the Sixes Bridge, Dam, and Lake Project Maryland, and the Verona
INTERNATIONAL BOUNDARY AND WATER COMMISSION, EL PASO, TEX. Lower Rio Grande Flood Control Project,	INTERNATIONAL JOINT COMMISSION- UNITED STATES AND CANADA.	Dam and Lake Project, Virginia, W74-03386 7-07 5G
Texas. W74-08521 7-16 8A	Report on Great Lakes Water Quality for 1972. W74-09257 7-18 5G	INTERSTATE ELECTRONICS CORP., ANAHEIM, CALIF. OCEANICS DIV. Ocean Waste Disposal in Selected Geographic
INTERNATIONAL BUSINESS MACHINES CORP., CHARLOTTE, N.C. The Calibration and Use of a Conical Hot Film	INTERNATIONAL LAB. OF MARINE RADIOACTIVITY, MONTE CARLO (MONACO)	Areas. W74-00928 7-02 5E

Flux of Ce-141 Through a Euphausiid

Mercury as a Hydrospheric Pollutant II.

Biological Half-Time of Methyl Mercury in

Four Mediterranean Species: A Fish, a Crab,

Crustacean,

W74-04191

W74-06767

and Two Molluscs,

7-16 2E

7-17 6E

ment,

W74-08827

Flow.

W74-08222

Anemometer Probe in Recirculating Water

Environmental Management and Local Govern-

INTERNATIONAL CITY MANAGEMENT

ASSOCIATION, WASHINGTON, D.C.

IOWA STATE UNIV., AMES. DEPT. OF EARTH SCIENCE.

Directory of Managers, Engineers and	Automated Hydraulic Waste-Handling System	Nitrogen-15 Enrichment of Soils and Soil-
Scientists in Ocean Waste Disposal and Related Environmental Science Fields,	for a 700-Head Swine Facility Using Recircu- lated Water,	Derived Nitrate, W74-06349 7-12 5B
W74-12020 7-23 5E	W74-09682 7-18 5D	Dry and Wet, July-August Rainfall Areas in
INTERSTATE SANITATION COMMISSION,	An Evaluation of Three Hydraulic Manure	Iowa,
NEW YORK. Heavy Metals in Wastewater and Treatment	Transport Treatment Systems, Including a Rotating Biological Contactor, Lagoons and	W74-07045 7-13 2B
Plant Effluents,	Surface Aerators,	IOWA STATE UNIV., AMES. DEPT. OF
W74-01319 7-03 5A	W74-09685 7-18 5D	BOTANY AND PLANT PATHOLOGY.
Combined Sewer Overflow for The Hudson	The Partition of Calcium Among Cementing	Plant Species as Wildlife Cover and Erosion
River Conference,	Compounds in Aging Highway Concretes,	Control on 'Mudflats' in Iowa's Lareg Reser- voir Systems,
W74-05112 7-10 5D	W74-10853 7-20 8F	W74-02666 7-06 4D
IONICS, INC., WATERTOWN, MASS.	Ames Reservoir Environmental Study. Appen-	
High Temperature Electrodialysis, Phase I,	dix 3. Outdoor Recreation and Open Space. W74-11597 7-22 6B	IOWA STATE UNIV., AMES. DEPT. OF
W74-08067 7-15 3A		BOTANY AND PLANT PATHOLOGY; AND IOWA STATE UNIV., AMES. DEPT. OF
High Temperature Electrodialysis, Phase II,	IOWA STATE UNIV., AMES. CENTER FOR	FORESTRY.
W74-08068 7-15 3A	AGRICULTURAL AND RURAL DEVELOPMENT.	Vegetation, Timber Resources and Forest In-
High Temperature Electrodialysis, Phase III,	Agricultural Water Allocation, Land Use, and	ventory,
W74-08069 7-15 3A	Policy,	W74-11581 7-22 6G
High Temperature Electrodialysis, Phase IV,	W74-00186 7-01 3F	IOWA STATE UNIV., AMES. DEPT. OF
W74-08070 7-15 3A	IOWA STATE UNIV., AMES. DEPT. OF	CHEMICAL ENGINEERING.
Field Test Evaluation of the High Temperature	AGRICULTURAL ENGINEERING.	Mass Transfer in Heterogeneous Systems and
Electrodialysis Process at Webster, S.D.,	A Comparison of Three Systems for Transport and Treatment of Swine Manure,	Velocity and Gas Absorption Studies for Single Bubbles,
W74-08345 7-16 3A	W74-00416 7-01 5D	W74-05413 7-11 5B
IOWA COOPERATIVE FISHERIES RESEARCH	Effects of Swine Lagoon Effluent on the Soil	
UNIT, AMES.	and Plant Tissue.	IOWA STATE UNIV., AMES. DEPT. OF CHEMISTRY.
Contamination of Channel Catfish with Diel-	W74-00428 7-01 5D	Voltammetric Determination of Nitrate and
drin from Agricultural Runoff, W74-13050 7-24 5C	Gully Bank Erosion: Mechanics and Simulation	Nitrite Ions Using a Rotating Cadmium Disk
W74-13050 7-24 5C	by Digital Computer,	Electrode,
IOWA STATE CONSERVATION COMMISSION,	W74-03202 7-07 2J	W74-00251 7-01 2K
DES MOINES. FISHERIES SECTION. Some Biological Characteristics of a Channel	Atrazine, Propachlor, and Diazinon Residues	Trace Soluable Organic Compounds in Potable
Catfish Population in the Lower Des Moines	on Small Agricultural Watersheds,	Water Supplies,
River with an Evaluation of Potential Commer-	W74-05295 7-10 5B	W74-04855 7-10 5A
cial Harvest, W74-01833 7-04 6C	Demonstration of Three Recirculating Swine	IOWA STATE UNIV., AMES. DEPT. OF CIVIL
W 74-01033 7-04 0C	Waste Management Systems,	ENGINEERING.
The Development of Commercial Food Fish	W74-10198 7-19 5D	Population Projections for Ames and the Reser-
Populations at Red Rock Reservoir During the First 3-Years of Impoundment,	Agricultural Land Use Patterns,	voir Area of Influence, W74-11615 7-22 6B
W74-01834 7-04 6C	W74-11606 7-22 6B	W/4-11013
Population Studies of Bigmouth Buffalo in	Water Quality Implications of Cropland	Evaluation of the Groundwater Resource in the
Coralville Reservoir with Special Reference to	Nutrients,	Upper Skunk River Basin,
Commercial Harvest,	W74-11607 7-22 6G	W74-11616 7-22 6B
W74-03036 7-06 8I	Water Quality Implications of Pesticides,	Future Water Supply Requirements and Alter-
IOWA STATE DEPT. OF HEALTH, DES	W74-11608 7-22 6G	native Sources of Supply at Ames,
MOINES.	Water Quality Implications of Livestock	W74-11617 7-22 6B
Application of Iowa's Water Pollution Control Law to Livestock Operations,	Production,	Stream Water Quality as it is Influenced by
W74-09668 7-18 5G	W74-11609 7-22 6B	Urban Communities,
TOWN OF ATT OPOLOGICAL CURVEY TOWN	RESERVOIR Sedimentation,	W74-11618 7-22 6B
IOWA STATE GEOLOGICAL SURVEY, IOWA CITY. REMOTE SENSING LAB.	W74-11610 7-22 6B	Mathematical Simulation of Stream Water
Application of ERTS-1 Imagery to Flood Inun-	The Use of Statistical Distributions for Deter-	Quality at Ames,
dation Mapping,	mining the Magnitude and Frequency of	W74-11619 7-22 6A
W74-02591 7-05 7B	Floods, W74-11611 7-22 6A	Waste Water Treatment Needs for Ames.
IOWA STATE UNIV., AMES.		W74-11620 7-22 6B
Development and Application of Large-Scale	Water Control on Agricultural Land,	
Water and Land Allocation Models for the United States.	W74-11612 7-22 6B	Regional Water Supply and Water Quality Con-
W74-00174 7-01 6A	Alternative Land and Water Management Pro-	cepts and Management Alternatives, W74-11621 7-22 6B
Development of Models for Analyzing Water	grams, W74-11613 7-22 6B	
Resources Development and Use Within a Re-		Urban Flood Damages,
gional Framework,	IOWA STATE UNIV., AMES. DEPT. OF	W74-11622 7-22 6B
W74-02455 7-05 6A	AGRONOMY. Steady-State Patterns of Rainwater Sceping	IOWA STATE UNIV., AMES. DEPT. OF EARTH
Storage of Manure Solids by Forming Soil-	Through Bedded Soil With and Without Tile	SCIENCE.
Manure Pellets,	Drains,	Geologic Implications,
W74-09679 7-18 5D	W74-06257 7-12 2G	W74-11580 7-22 6B

IOWA STATE UNIV., AMES. DEPT. OF EARTH SCIENCES.

IOWA STATE UNIV., AMES. DEPT. OF EARTH SCIENCES. Alluvial Ground Water Quality Alteration as	Ground-Water Flow Patterns in Confined Aquifers and Pollution, W74-07510 7-14 5B	Sequential Deterministic Optimization in Reservoir Operation, W74-06416 7-12 4A
Related to Solid Waste Disposal Sites in Iowa,		
Part I: Text; Part II: Appendix, W74-06256 7-12 5B	Ames Reservoir Environmental Study. Appendix 1 - Vol. 2. Natural and Archaeological	Winter-Regime Thermal Response of Heated Streams, W74-07511 7-14 5B
IOWA STATE UNIV., AMES. DEPT. OF FOOD	Resources of the Reservoir Site and Stream System,	
TECHNOLOGY.	W74-11579 7-22 6G	Hydrologic Response of Ice-Covered Streams, W74-07832 7-15 2E
Oxidation-Reduction Potential and Growth of Salmonella and Pseudomonas Fluorescens,	Ames Reservoir Environmental Study. Appen-	
W74-06134 7-12 5C	dix 2. Economic and Social Impact, W74-11586 7-22 6B	Varied Flow Functions for Elliptic Channels, W74-11139 7-21 8B
IOWA STATE UNIV., AMES. DEPT. OF	Ames Reservoir Environmental Study. Appen-	Digital Measurements of River Bed Profiles
FORESTRY. Current Recreation Use,	dix 4. Physical Relationships with the Agricul-	Using a General-Purpose Data Acquisition
W74-11598 7-22 6B	tural Sector.	System, W74-11538 7-22 7B
Recreation Use Projections for the Proposed	W74-11605 7-22 6B	
Ames Reservoir and Alternatives, W74-11599 7-22 6B	Ames Reservoir Environmental Study. Appendix 5. Physical Relationship with the Urban	IOWA UNIV., IOWA CITY. INST. OF URBAN AND REGIONAL RESEARCH.
	Sector.	Alternative Taxonomical Constructs,
IOWA STATE UNIV., AMES. DEPT. OF PHYSICS.	W74-11614 7-22 6B	W74-11588 7-22 6B
Environmental Pollution, A Survey Emphasiz-	Ames Reservoir Environmental Study. Appen-	Indirect Economic Effects, W74-11590 7-22 6B
ing Physical and Chemical Principles, W74-02002 7-04 5B	dix 6. Detailed Economic Review and Project Evaluation.	People and the Reservoir,
IOWA STATE UNIV., AMES. DEPT. OF	W74-11623 7-22 6B	W74-11591 7-22 6B
SOCIOLOGY.	IOWA UNIV., IOWA CITY. Some Chemical and Biological Characteristics	A View of the Valley's People,
A Summary of a Study of Citizen Views and Actions on the Proposed Ames Reservoir,	of the Mississippi River Bordering Iowa,	W74-11592 7-22 6B
W74-11596 7-22 6B	W74-02363 7-05 5B	Direct Reservoir Impact,
IOWA STATE UNIV., AMES. DEPT. OF	Rational Institutional Arrangements for Water	W74-11593 7-22 6B
SOCIOLOGY AND ANTHROPOLOGY. Stalking the Skunk. A Preliminary Survey and	Resources Management, W74-10901 7-21 6E	Anticipated Post-Construction Impact,
Appraisal of Archaeological Resources in the		W74-11594 7-22 6B
Ames Reservoir, Iowa,	IOWA UNIV., IOWA CITY. COLL. OF PHARMACY.	The Dollar Costs,
W74-11584 7-22 6G	The Chemistry and Quantitative Utility of Sodi-	W74-11595 7-22 6B
IOWA STATE UNIV., AMES. DEPT. OF ZOOLOGY.	um Cobaltinitrite in the Determination of Phenols,	Costs of Recreation Benefits,
Comparative Ecosystems Studies,	W74-00465 7-01 5A	W74-11600 7-22 6B
W74-11585 7-22 6G	IOWA UNIV., IOWA CITY. DEPT. OF	Value of Recreation Benefits, W74-11601 7-22 6B
IOWA STATE UNIV., AMES. DEPT. OF	GEOLOGY.	
ZOOLOGY AND ENTOMOLOGY. Limnological and Fisheries Aspects of the	Structural Interpretations Based on ERTS-1 Imagery, Bighorn Region, Wyoming-Montana,	Recreation Use and Users of the Coralville- Macbride Area: A Comparative Case Study,
River and the Proposed Reservoir,	W74-02568 7-05 7B	W74-11602 7-22 6B
W74-11582 7-22 6B	IOWA UNIV., IOWA CITY. DEPT. OF	Alternative 4A: Intensive Greenbelt Develop-
Some Estimated Impacts of the Proposed Ames	MECHANICS AND HYDRAULICS.	ment as an Additional Consideration,
Reservoir Upon Wildlife, W74-11583 7-22 6B	The Mixing Characteristics of Summerged Mul- tiple-Port Diffusers for Heated Effluents in	W74-11604 7-22 6B
IOWA STATE UNIV., AMES. VETERINARY	Open Channel Flow,	Project Benefit-Cost Analysis, W74-11626 7-22 6B
DIAGNOSTIC LAB.	W74-05821 7-11 5B	
Determination of Chlorinated Pesticides in	Vertical Mixing of Heated Effluents in Open-	IOWA UNIV., IOWA CITY. INST. OF URBAN AND RURAL RESEARCH.
Whole Blood, W74-01417 7-03 5A	Channel Flow, W74-05822 7-11 5B	The Human Ecological Impact of Structural
IOWA STATE UNIV., IOWA CITY. DEPT. OF	Effects of Meandering on Sediment Discharges	Flood Control on the Iowa River, Iowa, W74-04856 7-10 8A
HYDRAULICS AND MECHANICS. Reverse Flow Routing by the Implicit Method,	and Friction Factors of Alluvial Streams,	IOWA UNIV., IOWA CITY. STATE HYGIENIC
W74-09886 7-19 2E	W74-06258 7-12 2J	LAB.
IOWA STATE UNIV. OF SCIENCE AND	IOWA UNIV., IOWA CITY. INST. FOR URBAN AND REGIONAL RESEARCH.	Shigella Sonnei Isolated from Well Water, W74-01551 7-03 5A
TECHNOLOGY, AMES. Analysis of Electrical Resistivity Measure-	Broader Evaluation Considerations, W74-11627 7-22 6B	Formation of Pentafluorobenzyl Derivatives
ments of Shallow Deposits,		for the Identification and Quantitation of Acid
W74-12525 7-23 8G	IOWA UNIV., IOWA CITY. INST. OF HYDRAULIC RESEARCH.	and Phenol Pesticide Residues, W74-03850 7-08 5A
IOWA STATE WATER RESOURCES RESEARCH INST., AMES.	Natural Mixing Processes in Rivers, W74-03790 7-08 5B	Chlorinated Insecticide Residues in the Eggs of
Ground Water Seepage Patterns to Wells for		Some Freshwater Fish,
Unconfined FlowPhase II, W74-02206 7-05 2F	Sequential Stochastic Optimization for Reser- voir System,	W74-11323 7-21 5C
	W74-03914 7-08 4A	IRANIAN PLAN AND BUDGET
Minutes, Iowa State Water Resources Research Institute Advisory Board and Council, Eighth	A Laboratory Investigation of Free Surface	ORGANIZATION, TEHRAN. TECHNICAL BUREAU.
Annual Meeting.	Flows Over Wavy Beds,	Ghanats of Iran: Drainage of Sloping Aquifer,
W74-07456 7-14 9A	W74-04477 7-09 8B	W74-12318 7-23 4B

ISRAEL INST. FOR BIOLOGICAL RESEARCH,

ISRAEL METEOROLOGICAL SERVICE, BET-

The Heat Flux Density in a Non-Homogeneous

and Oxygen-Exposed Escherichia coli,

DAGAN. DIV. OF AGRICULTURAL

Production of Bacteriophage by Lyophilized

NES ZIYYONA.

W74-03575

METEOROLOGY.

W74-07346

Bare Loessial Soil,

7-24 2F

7-23 2L

Steady State Potential Profiles in Layered

UNIVERSITEIT (USSR). DEPT. OF BOTANY.

Evolution of Some Marshes of Eastern Prisayanye, (In Russian),

Hydrochemical Description and Calcium-Car-

parison with Waters in the Jordan Rift Valley

7-14 2K

and Postulation of a Marine Origin,

W74-07167

Porous Materials,

UNIVERSITET (USSR).

IRKUTSKII GOSUDARSTVENNYI

IRKUTSKII GOSUDARSTVENNYI

W74-12836

W74-12510

JAPAN METALS AND CHEMICALS CO. LTD., TOKYO. EXPLOITATION DEPT.

W74-05013

W74-07756

OF CHEMISTRY.

7-07 5A

7-14 2G

JACKSON WATER DEPT., MICH.

Maintenance of Water Distribution Systems,

JADAVPUR UNIV., CALCUTTA (INDIA).

Hydrological Aspect of Surface Run-Off,

JADAVPUR UNIV., CALCUTTA (INDIA). DEPT.

The Spectrophotometry and Solvent-Extraction

Behaviour of Iron(III), Vanadium(IV and V)

and Titanium(IV) Chelates of 1-(o-Carbox-

7-10 5F

7-15 2A

Hydrochemical Description and Calcium-					and Titanium(IV) Chelates of	1-(o-Cart	ox-
bonate Equilibrium of Shumak Carbo	onate	ISTANBUL UNIV. (TURKEY). FACU	LTY OF		yphenyl)-3-Hydroxy-3-Methyltriaze	ene,	
Waters (Gidrokhimicheskaya kharakterist	tika i	FORESTRY.			W74-05471	7-11	5A
karbonatno-kal'tsivevove ravnovesive Shu	mak-	Erosion Control and Vegetative C	over Und	ler			
skikh uglekislykh vod),		Dryland Conditions in Turkey,			JAGELLONIAN UNIV., KRAKOW (I	POLAND).
	2K	W74-05220	7-10	3F	INSTYTUT ZOOLOGII.		
177 03230					Hydrobiological Investigations in	Dam Re	ser-
Subglacial Development of Chlorella in Ba	aikal.	ISTITUTO DI RICERCA SULLE ACC	QUE,		voirs of Poland, (In Polish),	Dum Ite	
(In Russian).		MILAN (ITALY). SEZIONE IDROBIC	DLOGIA		W74-06242	7-12	211
	2H	APPLICATA.			₩ /4-00242	7-12	2H
11-03	211	The Toxicity of Mixtures of Metals	and Surfa	ac-	JAMES COOK UNIV. OF NORTH		
IRON ORE CO. OF CANADA.		tants to Rainbow Trout (Salmo			QUEENSLAND, TOWNSVILLE (AUS	STRAIL	
SCHEFFERVILLE (QUEBEC).		Rich.),	o ounum		SCHOOL OF BIOLOGICAL SCIENC		.,.
In Situ Physicomechanical Properties of	Dan	W74-06138	7-12	SC	The Biology of the Soldier Fish,		
	rei-	W 74-00138	/-12 .	30			sies
mafrost Using Geophysical Techniques,		ISTITUTO DI SPERIMENTAZIONE	PERIA		marmoratus (Pisces:Scorpaenidae),		
W74-04399 7-09	2C	PIOPPICOLTURA, CASALE MONFI			W74-02000	7-04	21
IRRIGATION RESEARCH CENTRE,		(ITALY).	SHRAIO		IANTESWALE DAY OF BURLIC WO	DEC WI	0
		Effects of Irrigation on the Pro	duction o	nd.	JANESVILLE DIV. OF PUBLIC WOI		
SAMBALPUR (INDIA).					Preliminary Report of Public Utiliti		
Effect of Row Spacing, Seed Rate, Nut		Yields of Specialized Poplar Grove		ree	W74-00458	7-01	3D
and Irrigation on Root Growth, Nodula		Farm in the Piedmont Plains, (in Ita					
Quality and Uptake of Nutrients in Pea (F	Pisum	W74-01755	7-04	4A	JAPAN ATOMIC ENERGY RESEAR	CH INST	-9
sativum L. Var. Arvense Poir.),		TOTAL CONTRACTOR AT D			TOKAI.		
W74-12156 7-23	3F	ISTITUTO SPERIMENTALE				ination	of
		TALASSOGRAFICO, MESSINA (ITA			Uranium(IV) with Chlorophosphon	azo-III,	
IRRIGATION RESEARCH COUNCIL,		Fauna and Flora of the Lakes of Fa			W74-01364	7-03	5A
ISLAMABAD (PAKISTAN).		zirri: III. Bioecologic Observati					
Irrigation Waters of the Indus Plains and	Their	Echinoderms of the Lake of Fare	o (Messin	ia),	JAPAN ATOMIC ENERGY RESEAR	CH INST	ſ.,
Salt Load.		(In Italian),			TOKYO.		
	3C	W74-12732	7-23	2H	On the Small-Scale Horizontal Dis	ffusion 1	Vear
W 74-01039	, 30				the Coast.		
IRRIGATION RESEARCH INST., LAHORE		ITALCONSULT, ROME (ITALY).			W74-01186	7-03	SR
(PAKISTAN).	,	Management Science in the Devel	loping Cou	un-	W / T 01100	1-05	20
Measures for Better Utilization of Irrig		tries: A Comparative Approach	to Irrigati	ion	JAPAN CORRUGATED BOARD AND	D ROX	
		Feasibility.			INST., TOKYO.		
Potential in the Arid and Semi-Arid Zon		W74-03471	7-07	3F	Treatment System Handles Flex	vo Ink	and
West Pakistan and a Proposal for Future		***************************************	, 0,	-	Starch Waste in Single Operation.	AU IIIK	and
dinated Research Activities in This Field S	Suited	ITEK CORP., LEXINGTON, MASS.	OPTICAL		W74-08409	7.16	275
to the Cento Region,		SYSTEMS DIV.			W /4-08409	7-16	30
W74-02939 7-06	5 3F	Terrain Type Recognition Using E	RTS-1 M	22	NIC Treatment System for Waste	Dienos	al of
		Images.			Flexo Ink and Starch.	Dispose	n or
ISEFJORD LAB., VELLERUP VIG (DENMA		W74-06661	7-13	70	W74-12954	224	-
Systematics and Ecology of the Ise		W 74-00001	7-13	10	W /4-12934	7-24	שכ
Marine Fauna (Denmark): With a Survey of	of the	J. L. B. SMITH INST. OF ICHTHYO	LOGY.		JAPAN METALS AND CHEMICALS	CO 11	CD
Eelgrass (Zostera) Vegetation and Its Co.		GRAHAMSTOWN (SOUTH AFRICA			MORIOKA.	CO., LI	D.,
nities,		Preliminary Report on Small Fish		the			
	3 21	Hendrik Verwoed Dam, Orange Ri		the	Chemical Prospecting of Steam an		ater
		W74-02914	7-06	211	in the Matsukawa Geothermal Area		
ISRAEL ATOMIC ENERGY COMMISSION		W 14-02914	7-00	211	W74-09023	7-17	2K
BEERSHEBA. NUCLEAR RESEARCH CEN	TRE-	J-U-B ENGINEERS, INC., BOISE, II	AHO. AN	m			
NEGEV.		BARTON, STODDARD, MILHOLLI		T.	Geothermal Drilling in the Matsuka		
Comment on Water Pollution in Lake Mic	higan		AND		W74-09031	7-17	8A
from Pollution Aerosol Fallout,	gun	HIGGINS, BOISE, IDAHO.	S	1-1	TABLE APPRAIS AND OUR AND ALL		-
	5B	Boise Metropolitan Area Sanitary			JAPAN METALS AND CHEMICALS		D.,
W /4-10401 /-20	J 3B	lection and Treatment Facilities:	Phase II I	Ke-	MORIOKA. GEOTHERMAL POWE		
ISRAEL ATOMIC ENERGY COMMISSION		port.			Recent Plans of Geothermal Explo		
YAVNE. SOREO. NUCLEAR RESEARCH	,	W74-01854	7-04	5D	W74-08991	7-17	2F
CENTER.		I W BEGIONAL COLL OF THOM	PPDING				
	Com	J. V. REGIONAL COLL. OF ENGIN			Exploitation of the Matsukawa	Geothe	rmal
Mineral Springs in the Suez Rift Valley -		AND TECHNOLOGY, SURAT (INDI	A). DEPT.		Area,		
parison With Waters in the Jordan Rift V	valley	OF APPLIED MATHEMATICS.			W74-08992	7-17	2F
and Postulation of a Marine Origin,		Imbibition in Flow of Two Immis			P		
W74-07444 7-14	2K	Through a Cracked Porous Medius	m with Sn	nall	Effect of Slotted Linear Casing in	Geothe	rmal
TORANGE AMONAGO PRINCIPA CONTRACTOR		Viscosity Difference,			Bores,		
ISRAEL ATOMIC ENERGY COMMISSION	9	W74-12834	7-24	2F	W74-09033	7-17	8A
YAVNE. SOREQ NUCLEAR RESEARCH							
CENTRE.	-	JAAKKO POYRY AND CO., HELSP	NKI		JAPAN METALS AND CHEMICALS	s CO. LT	D.,
Mineral Springs in the Suez Rift Valley-	Com-	(FINLAND).			TOKYO, EXPLOITATION DEPT.		

Design Principles of White Water Systems with

Special Reference to Effluent Control,

W74-12413

Economics of Geothermal Electric Power

Generation at Matsukawa.

JAPAN METEOROLOGICAL AGENCY, TOKYO.

JAPAN METEOROLOGICAL AGENCY,	JOHANNESBURG CITY ENGINEER'S DEPT.	Field Measurements of Swell Off the Island of
TOKYO. Application of ERTS Data to the Detection of	(SOUTH AFRICA). I Urbanization and the EnvironmentEngineer-	Aruba, W74-04723 7-09 2E
Thin Cirrus and Clear Air Turbulence,	ing Implications,	
W74-02585 7-05 7	B W74-11124 7-21 4C	The Determination of a Stability Constant for the Aqueous Complex Zn(OH)2 Using Anodic
JAPAN OIL CHEMIST SOCIETY, TOKYO. GA		Stripping Voltammetry,
CHROMATOGRAPHY COMMITTEE. Determination of Fatty Acid Composition b	INVESTMENT CO. LTD., RANDFONTEIN (SOUTH AFRICA). GEOLOGICAL RESEARCH	W74-05455 7-11 5A
Gas Chromatography: I. Analysis with Use	f DEPT.	Some Comments on Seagrasses and Sedimenta-
Thermal Conductivity Detector, W74-03311 7-07 2	ERTS-1 Imagery as an Aid to the Definition of	ry Processes,
W74-03311 7-07 2 Determination of Fatty Acid Composition by	African Crystalline Shield	W74-06922 7-13 2J
Gas Chromatography: II. Analysis with Use		The CBI Pogo Stick Corer,
Flame Ionization Detector,	JOHN CURTIN SCHOOL OF MEDICAL	W74-06923 7-13 7B
W74-03312 7-07 2	RESEARCH, CANBERRA (AUSTRALIA). DEPT.	Distribution and Transportation of Suspended
JAPANESE SOCIETY OF LIMNOLOGY, OTSU	OF EXPERIMENTAL PATHOLOGY.	Sediment in Upper Cheasapeake Bay,
(JAPAN).	Granules Containing Lead in Isolated Mitochondria,	W74-07234 7-14 2L
On the Characteristics of Salt Intrusion in the	W74 00787 7-18 5C	
Kitakami River, Miyagi Prefecture (I		Hydrography of the Chesapeake and Delaware
W74-02541 7-05 5	B SCHOOL OF ADVANCED INTERNATIONAL	Canal, W74-09944 7-19 4A
JAWAHARLAL NEHRU AGRICULTURAL	STUDIES.	
UNIV., JABALPUR (INDIA).	New Concepts in the Law of the Sea,	Diffusion-Induced Instability in Model
Retention and Release of Applied Molybdenu	m W74-02497 7-05 6E	Ecosystems: Another Possible Explanation of Patchiness,
to Soils Under Permanent Water-Logged Co	JOHNS HOPKINS UNIV., BALTIMORE, MD.	W74-10662 7-20 5B
dition, W74-08209 7-16 2	Characteristics of Steam Flectric Condenser	
	Cooling Waters,	Data Bank Inventory: Vol. IIChesapeake
JAWAHARLAL NEHRU AGRICULTURAL	W74-02869 7-06 5B	Bay, Edition 1, 1949 Through 1970, W74-11026 7-21 2L
UNIV., JABALPUR (INDIA). DEPT. OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Effect of Water Hardness on the Tolerance of	W /4-11026 7-21 2L
An Economical Hydraulic LysimeterCo	the Guppy to Beryllium Sulfate,	JOHNS HOPKINS UNIV., BALTIMORE, MD.
struction and Calibration,	W74-06034 7-12 5C	DEPT. OF EARTH AND PLANETARY
W74-10238 7-19 2	G The Miami Conservancy District as a Social In-	SCIENCES.
JBF SCIENTIFIC CORP., BURLINGTON,	strument,	The Equilibrium and Stability of Simple Marine Biological Systems. I. Primary Nutrient Con-
MASS.	W74-10560 7-20 6B	sumers,
Floatage Collecting Apparatus and Method,	JOHNS HOPKINS UNIV., BALTIMORE, MD.	W74-01822 7-04 5C
W74-10587 7-20 5	CHESAPEAKE BAY INST.	The Behavior of Phosphate in the Interstitial
A Computer Model For Evaluating Communi	The Equations of Mass Continuity and Salt Continuity in Estuaries,	Waters of Chesapeake Bay Sediments,
Phosphorus Removal Strategies, W74-11931 7-22 5	11/74 00510	W74-12658 7-23 5C
W/4-11751		TOUNG HORVING UNITY BALTIMORE ME
JENA UNIV. (EAST GERMANY). BIOLOGY	On the Origin of Certain Breakers off the Island of Aruba,	JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF ENVIRONMENTAL ENGINEERING.
SECTION. In Situ Experimental Investigations of t	11/24 00016 2 D	Multiobjective Analysis in Water Resource
Biomass Production of Micro-Algae and		Planning,
Natural Algal Biocoenoses in Flowing Water	Suspended Sediment at a Station in the Ches-	W74-08514 7-16 4A
(In German), W74-03598 7-07	aneake Ray Turbidity	JOHNS HOPKINS UNIV., BALTIMORE, MD.
	W74-00525 7-01 2L	DEPT. OF ENVIRONMENTAL MEDICINE.
JERSEY PRODUCTION RESEARCH CO.,	A Test of Mixing Length Theories in a Coastal	Current Status of Knowledge of the Biological
TULSA, OKLA. Dead End Pore Volume and Dispersion	Plain Estuary,	Effects of Heavy Metals in the Chesapeake
Porous Media,	W74-00528 7-01 2L	Bay, W74-00922 7-02 2L
W74-00951 7-02 1	B Urea and Other Nitrogenous Nutrients in La	
JET PROPULSION LAB., PASADENA, CALIF.	Jolla Bay During February, March and April	JOHNS HOPKINS UNIV., BALTIMORE, MD.
Preliminary Geologic Investigations in t	ne 1970,	DEPT. OF GEOGRAPHY AND
Colorado Plateau Using Enhanced ER	S W74-01993 7-04 5B	ENVIRONMENTAL ENGINEERING. Economic Aspects of Resource Use with Spe-
Images, W74-01708 7-04	On Small Scale Breaking Waves,	cial Reference to Energy and Water,
	W/4-02144 /-04 ZE	W74-07964 7-15 6D
Raw Liquid Waste Treatment System a	A Statement Prepared for Submission at the	Stream Standards: Dead or Hiding,
Process, W74-05692 7-11	Public Hearing on Application Made by Bal-	W74-08866 7-17 5G
	timore Gas and Electric Company for a Permit	
Computer Techniques Used for Sor	to Appropriate and Use Surface Water for Operation of the Calvert Cliffs Nuclear Power	JOHNS HOPKINS UNIV., BALTIMORE, MD.
Enhancements of ERTS Images, W74-06653 7-13		DEPT. OF GEOGRAPHY AND
	Water Resources,	ENVIRONMENTAL ENGINEERING; AND
JIHOCESKE MUZEUM CESKE BUDEJOVICE (CZECHOSLOVAKIA).	W74-02886 7-06 5C	JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF POLITICAL ECONOMY.
Zonation of Mosses on the Banks of the No	y Size Distributions of the Suspended Particles of	Potential for Marginal Cost Pricing in Water
Cepsky Pond. (in Czech.),	the Chesapeake Bay Turbidity Maximum,	Resource Management,
W74-08119 7-15 2	H W74-03436 7-07 2L	W74-08496 7-16 6C

PA.

Master Plan for Water Supply, Bucks County,

JUSTIN AND COURTNEY, PHILADELPHIA,

JOHNS HOPKINS UNIV., BALTIMORE, MD.

DEPT. OF MECHANICS AND MATERIALS

SCIENCE.

W74-11192

sues, (in Russian),

JOZSEF ATTILA UNIV., SZEGED (HUNGARY).

Free Proline and Water Deficit in Plant Tis-

7-21 2I

W74-05621

W74-13338

KANSAS CITY, MO. DIV. OF WATER SUPPLY. Experiences with Butterfly Valves,

KANSAS STATE UNIV., MANHATTAN. DEPT. OF CIVIL ENGINEERING.

W74-03248

KANSAS STATE DEPT. OF HEALTH, TOPEKA.

7-07 5E

Subsurface Disposal of Waste in Kansas,

SCIENCE.	Master Plan for Water Supply, Bucks County,	W74-03248 7-07 5E
Initial Wave Scattering by an Inhomogeneous	Pennsylvania, 1970.	KANSAS STATE GEOLOGICAL SURVEY,
Medium and its Application to Shallow Water	W74-03629 7-07 3D	
Waves, W74-00513 7-01 2L	JYVASKYLA UNIV. (FINLAND). DEPT. OF	LAWRENCE. Population Dynamics of Pond Zooplankton. II.
Beach Equilibrium and Second-Order Wave	BIOLOGY. The Bottom Macrofauna of the Oligotrophic	Daphnia Ambigua Scourfield, W74-06154 7-12 5C
Theory,	Lake Konnevesi, Finland,	11.7 00137
W74-01201 7-03 2E	W74-01287 7-03 5C	KANSAS STATE HIGHWAY COMMISSION,
TOTALS HOPE IN THE BALL THAT AND	INTIACUNI A PARTY (PINI AND) DEBT OF	TOPEKA. PLANNING AND DEVELOPMENT
JOHNS HOPKINS UNIV., BALTIMORE, MD.	JYVASKYLA UNIV. (FINLAND). DEPT. OF	DEPT.
DEPT. OF MECHANICS AND MATERIALS	ORGANIC CHEMISTRY. Toxicity of Polychlorinated Biphenyls (PCB) to	Analysis of Background Copper Concentration
SCIENCE; AND JOHNS HOPKINS UNIV.,	Goldfish,	in Seawater by Electron Spin Resonance, W74-12482 7-23 5A
BALTIMORE, MD. DEPT. OF EARTH AND PLANETARY SCIENCES.	W74-00492 7-01 5C	W /4-12402 /-23 3A
Some Experimental Observations of Upstream	7-01 50	KANSAS STATE UNIV., MANHATTAN.
Disturbances in a Two-Fluid System,	JYVASKYLA UNIV. (FINLAND). DEPT. OF	Investigations of Nutrition and Metabolism of
W74-13003 7-24 8B	PHYSICS.	Catfish and Utilization of Fisheries Products,
	A Selective Microscale X-ray Fluorescence	W74-03802 7-08 8I
JOHNS HOPKINS UNIV., BALTIMORE, MD.	Analyzing Method for Determination of Trace	
DEPT. OF PATHOBIOLOGY.	Elements, W74-06135 7-12 5A	Effects of Solid Beef Feedlot Wastes on Soil
Quantitative Extraction of Adenosine	W74-06135 7-12 5A	Conditions and Plant Growth, W74-09699 7-18 5D
Triphosphate From Cultivable and Host-Grown	KAGAWA UNIV., TAKAMATSU (JAPAN).	W /4-09099 /-18 3D
Microbes: Calculation of Adenosine	FACULTY OF AGRICULTURE.	KANSAS STATE UNIV., MANHATTAN. DEPT.
Triphosphate Pools,	The Effects of the Wind Speed on the Water	OF AGRONOMY.
W74-03570 7-07 5A	Absorption of the Cucumber (In Japanese),	Venice Mallow Competition in Soybeans,
JOHNS HOPKINS UNIV., BALTIMORE, MD.	W74-01983 7-04 3F	W74-06077 7-12 3F
MCCOLLUM-PRATT INST.; AND JOHNS	VACOCUMAL CART (LABARY DEPT. OF	
HOPKINS UNIV., BALTIMORE, MD. DEPT. OF	KAGOSHIMA UNIV. (JAPAN). DEPT. OF	Loss of Mercury(II) from Solution,
BIOLOGY.	CHEMISTRY. Environmental Pollution by Fluorine with	W74-06266 7-12 5B
Endogenous and Photoperiodic Diurnal	Respect to the Prospective Aluminum Factories	Estimating Transpiration Resistance,
Rhythms of in Vivo Light Absorption and Scat-	in Kyushu, Japan (In Japanese),	W74-10806 7-20 2D
tering in the Green Alga Ulva Lactuca L.,	W74-12680 7-23 5C	7-20 25
W74-06547 7-13 5C		KANSAS STATE UNIV., MANHATTAN. DEPT.
JOHNS HOPKINS UNIV., WASHINGTON, D.C.	KALAMAZOO DEPT. OF PUBLIC WORKS,	OF CHEMICAL ENGINEERING.
SCHOOL OF ADVANCED INTERNATIONAL	MICH.	Dynamic Behavior of a Complete-Mixing Ac-
STUDIES.	Thermal Sludge Conditioning in Kalamazoo,	tivated Sludge System,
United States Oceans Politics,	Michigan,	W74-04900 7-10 5D
W74-06329 7-12 6E	W74-09439 7-18 5D	Diffusion of Cattle Manure Solution Through a
	KALININGRADSKII TECKHNICHESKII	Wet Porous Stratum with Reaction,
The Role of the Political Idiom in Jurisdictional	INSTITUT RYBNOI PROMYSHLENNOSTI I	W74-05591 7-11 5B
Conflicts Over Off-Shore Oil and Gas,	KHOZYAISTVA (USSR).	
W74-12625 7-23 6E	Daily Vertical Distribution of Winter Zooplank-	ATP Pools in Activated Sludge,
JOHNS-MANVILLE CORP., DENVER, COLO.	ton in the Pelagic Zone of Lake Baikal, (in Rus-	W74-05914 7-11 5D
Installation of Large-Diameter Fiber-Glass	sian),	P. 1 . 1 W
Flexible Pipe in Municipal Systems,	W74-09074 7-17 5C	Biological Wastewater Treatment System
W74-09727 7-18 8A	KALYANI AGRICULTURAL UNIV. (INDIA).	Design. Part I. Optimal Synthesis, W74-06407 7-12 5D
W14-03121 7-10 OR	DEPT. OF AGRICULTURAL CHEMISTRY AND	W74-06407 7-12 5D
JOHNSON CONSTRUCTION CO. A. B. SOLNA	SOIL SCIENCE.	Biological Wastewater Treatment System
(SWEDEN).	Inorganic Transformation of Added	Design. Part II. Effects of Parameter Variations
Sewage Flocculating and Sedimentation Tank	Phosphorus in Soil Relation to Soil Charac-	on Optimal Process System Structure and
Unit,	teristics and Moisture Regime,	Design,
W74-11410 7-21 5D	W74-08258 7-16 2G	W74-06408 7-12 5D
JONDI SHAHPOUR UNIV., AHVAZ (IRAN).		B
General Report on Development and Utiliza-	KANSAS AGRICULTURAL EXPERIMENT	Dynamic Analysis and Optimal Feedback Con-
tion of Saline Soils in Iran,	STATION, MANHATTAN.	trol Synthesis Applied to Biological Waste Treatment.
W74-05218 7-10 3C	Improving Water Management Efficiency Through use of Bio-Indicators,	W74-13026 7-24 5D
	W74-09804 7-19 2D	17713020
JONES AND STOKES ASSOCIATES, INC.,	177-03004	KANSAS STATE UNIV., MANHATTAN. DEPT.
SACRAMENTO, CALIF.	KANSAS AGRICULTURAL EXPERIMENT	OF CHEMISTRY.
Environmental-Impact Assessment for Plant	STATION, MANHATTAN.	The Selective Removal of Nitrate and Nitrite
Design and Operation,	EVAPOTRANSPIRATION LAB.	from Polluted Water,
W74-13273 7-24 5G	Stomatal-Diffusion Resistance and Water	W74-06833 7-13 5G
JORDAN UNIV., AMMAN. BASIC MEDICAL	Potential of Soybean and Sorghum Leaves,	Development of Water Quality Models Using
SCIENCES.	W74-01605 7-03 3F	Spectral Analysis and Parameter Estimation
Dead Populations of Fish in the Rivers Jordan	Water-Use Efficiency and Its Relation to Crop	Techniques,
and Zarga.	Canopy Area, Stomatal Regulation and Root	W74-08936 7-17 5G
W74-12247 7-23 5C	Distribution,	

KANSAS STATE UNIV., MANHATTAN. DEPT.

Treatment Phosphorus Removal Method,

Pilot Plant Demonstration of Lime-Biological

OF CIVIL ENGINEERING.

W74-00155

7-11 3F

7-24 8A

KANSAS STATE UNIV., MANHATTAN. DEPT. OF ECONOMICS.

KANSAS STATE UNIV., MANHATTAN. DEPT.	KANSAS UNIV./CENTER FOR RESEARCH,	KANSAS WATER RESOURCES RESEARCH
OF ECONOMICS.	INC., LAWRENCE. SPACE TECHNOLOGY	INST., MANHATTAN.
The Ground-Water Depletion Allowance Under the Federal Income Tax,	CENTER. Toward Radscat Measurements Over the Sea	Interbasin Transfer or Migration: An Economic Analysis of Two Responses to Ground Water
W74-03962 7-08 6E	and Their Interpretation, W74-06361 7-12 7B	Depletion, W74-02323 7-05 4B
KANSAS STATE UNIV., MANHATTAN. DEPT.		
OF ENGINEERING.	KANSAS UNIV., LAWRENCE. Capitalization of the Benefits of Water	Analysis, Modeling and Forecasting of
Modleing of Land Runoff Effects on Dissolved	Resource Development,	Stochastic Water Quality Systems, Volume I,
Oxygen, W74-08316 7-16 5B	W74-04501 7-09 6B	Time Series Analysis in Water Quality Model- ing,
KANSAS STATE UNIV., MANHATTAN. DEPT.	Wastewater Treatment: Lagoons and Oxidation	W74-02823 7-06 5B
OF GEOLOGY.	Fonds,	Analysis, Modeling and Forecasting of
Resistivity Methods in Prospecting for Ground	W74-12936 7-24 5D	Stochastic Water Quality Systems, Volume II,
Water, W74-10100 7-19 4B	KANSAS UNIV., LAWRENCE. DEPT. OF	Nonlinear Filtration and Estimation in Water Ouality Modeling,
Resistivity Methods in Prospecting for Ground	CHEMICAL AND PETROLEUM ENGINEERING.	W74-02824 7-06 5B
Water.	Experimental and Mathematical Modeling of	Determination of Discharge-Frequency Rela-
W74-10832 7-20 4B	Liquid-Liquid Miscible Displacement in Porous Media.	tionships Utilizing Non-Linear Hydrographs
KANSAS STATE UNIV., MANHATTAN. DEPT.	W74-00366 7-01 2F	and a Modified Rational Formula, W74-05406 7-11 2A
OF INDUSTRIAL ENGINEERING.	The Development and Field Testing of a Basin	7-11 ZA
Optimization of Industrial Systems with the	Hydrology Simulator	Quality Improvement of Feedlot Lagoon Water
Separable Programming and the Generalized Reduced Gradient Methods,	W74-04984 7-10 2A	by Percolation Through Soil Under Native Pasture,
W74-02213 7-05 5G	KANSAS UNIV., LAWRENCE, DEPT. OF CIVIL	W74-06830 7-13 5D
	ENCINEERING	
Modeling and Optimization of Transient Cooling Water Discharge from Power Generating		Energetics of Daphnia Ambigua,
Plants,	W74-07968 7-15 6D	W74-06831 7-13 5C
W74-06832 7-13 5E	KANSAS UNIV., LAWRENCE. DEPT. OF	KANTONALES AMT FUER
KANSAS STATE UNIV., MANHATTAN. DIV.	GEOGRAPHY.	GEWASSERSCHUTZ, SANKT GALLEN
OF BIOLOGY.	The Mangrove in New Zealand, W74-05469 7-11 2I	(SWITZERLAND). The Treatment of Waste Water from Industries
Pesticide Residues in Natural Fish Populations	W /4-03409 /-11 21	and Commerce in Public Purification Plants (in
of the Smoky Hill River of Western Kansas	MARIONS CITETING BATTON	German),
1967-69, 10H. E. Klaassen, and W74-06052 7-12 5A	BIOLOGICAL SCIENCES.	W74-07748 7-15 5D
	Population Dynamics of Pond Zooplankton, I. Diaptomus pallidus Herrick,	KAO SOAP CO., TOKYO (JAPAN).
KANSAS STATE UNIV., MANHATTAN. INST.	W74-01502 7-03 5C	INDUSTRIAL RESEARCH LABS.
FOR SYSTEMS DESIGN AND OPTIMIZATION. Regional Water Quality Management by the	KANSAS UNIV., LAWRENCE. SCHOOL OF	An Experiment on Disposal of Metal Working
Generalized Reduced Gradient Method,	BUSINESS.	Oil Emulsion into Sewer Systems (Kinzoku kakoyu no haisui shori ni kansuru ichi jikken),
W74-07311 7-14 5F	Simulation of Water Recreation Users' Deci-	W74-10559 7-20 5D
KANSAS STATE UNIV., RESEARCH	sions, W74-01464 7-03 6D	KAO SOAP CO., WAKAYAMA (JAPAN).
FOUNDATION, MANHATTAN.		INDUSTRIAL RESEARCH LAB.
Method of Disinfecting Water and Demand		Separation and Analysis of Mixtures of Ca-
Bactericide for Use Therein, W74-12442 7-23 51	LAW. Regulation of Air and Water Quality in Kansas:	tionic Surface-Active Agents by Salting-Out
	A Critical Look at Legislative Ambiguity and	Chromatography, W74-05481 7-11 2K
KANSAS UNIV./CENTER FOR RESEARCH,	Administrative Discretion,	
INC., LAWRENCE. Identification of Winter Wheat from ERTS-	W74-10001 7-19 5G	KAPPE ASSOCIATES, INC., ROCKVILLE, MD.
Imagery,	KANSAS UNIV., LAWRENCE. SPACE	Development of a System and a Method for the
W74-01665 7-04 31		Treatment of Runoff from Cattle Holding Areas,
Backscattering from a Two-Scale Rough Sur	Combined Spectral and Spatial Processing of ERTS Imagery Data.	W74-09692 7-18 5D
face with Application to Radar Sea Return,		KARACHI UNIV. (PAKISTAN).
W74-03509 7-07 71		The Fallacy of Baer's Law or Coriolis' Effect
A Non-Coherent Model for Microwave Emis	KANSAS UNIV., LAWRENCE. WATER RESOURCES RESEARCH INST.	on the Meandering of Rivers,
sions and Backscattering from the Sea Surface		W74-04799 7-09 8B
W74-03510 7-07 71		KARACHI UNIV. (PAKISTAN), DEPT. OF
The Meteorological Effects on Microwave Ap	tions),	GEOLOGY.
parent Temperatures Looking Downward Ove		Mobility of Elements in Soil Profiles of Mont
a Smooth Sea,	Disposal of Heated Water Through Ground-	St. Hilaire, Quebec, Canada, Under Varying
W74-03511 7-07 71		Slopes and Drainage Conditions, W74-02007 7-04 2G
A Theory of Microwave Apparent Temperatur	Economic Feasibility, W74-12753 7-24 5B	
Over the Ocean,		KARLOVA UNIVERSITA, PRAGUE
W74-05126 7-10 21		(CZECHOSLOVAKIA). DEPT. OF PLANT PHYSIOLOGY.
Interpretation of Land Use and Stream Order	water Systems, Volume II, User's Manual Nu- merical Simulation of Fluid Flow and Heat	The Density of Stomata in Leaves of Different
Pawnee River Basin, Kansas.	Transfer in Groundwater Systems,	Ecotypes of Phragmites communis,
W74-10430 7-20 4	W74-12754 7-24 5B	W74-11253 7-21 2I

KARLOVA UNIVERSITA, PRAGUE	Biodegradation of Nitrilotriacetate (NTA) B	
(CZECHOSLOVAKIA). INST. OF ZOOLOGY. Abundance and Mortality of the Perch Fry	Bacteria-II. Cultivation of an NTA-Degradin Bacterium in Anaerobic Medium,	ng (MALAYSIA). A Chemical Survey of the Malacca River,
(Perca Fluviatilis, Linnacus, 1758) in the	W74-00645 7-02 5	B W74-01600 7-03 2K
Klicava Reservoir, W74-07588 7-14 8I	KAROLINSKA INSTITUTET, STOCKHOLM	KENT INSTRUMENTS LTD., LUTON
PARIORINE UNITE (WEST CERMANU)	(SWEDEN). DEPT. OF ENVIRONMENTAL HYGIENE.	(ENGLAND).
KARLSRUHE UNIV. (WEST GERMANY). Comparison of Numerical Methods Solving	Metabolism,	The Use of Mini Computers in the Water In- dustry,
Flow Through Porous Media (Ein Vergleich	W74-07683 7-15 5	B W74-00666 7-02 7C
Von Numerischen Verfahren Zur Loesung Von	Inorganic Mercury-Relation Between Exposu	RENT STATE UNIV., OHIO. CENTER FOR
Sickerstroemungen), W74-08194 7-16 2G	and Effects,	URBAN REGIONALISM.
	W74-07686 7-15	Some respects of Phosphoras Dynamics of the
Filter Processes in River Beds, W74-12840 7-24 2A	General Discussion and Conclusions-Need f	or W74-06565 7-13 5C
	Further Research,	
KARLSRUHE UNIV (WEST GERMANY).	W74-07689 7-15	RENI STATE CIVIV., OHIO. DEFT. OF
INSTITUT FUER BODENMECHANIK UND FELSMECHANIK.	Cadmium Uptake by Wheat from Sewa	
Flow Laws for Pseudoplastic Injection Fluids	Sludge Used as a Plant Nutrient Source,	A Coast of Virginia II Petalonia Fascia and
(Clay Suspensions) in Gravel,	Comparative Study Using Flameless Atom Absorption and Neutron Activation Analysis,	Scytosipnon Lomentaria,
W74-12839 7-24 2F	W74-09758 7-18	
KARLSRUHE UNIV. (WEST GERMANY).	Cadmium in the Environment, II,	Habitat Distribution of the Shore Flies of
INSTITUT FUER HYDROMECHANIK. Instrumentation in Full Scale Self-Aerated	W74-12492 7-23	Northeastern Ohio (Diptera: Ephydridae),
Flows (Appareils de Mesure Des Concentra-	WACHIMED UNION CONTRACTOR (INDIA) DERG	W74-07556 7-14 5C
tions et Des Vitesses Dans un Courant Mixte	KASHMIR UNIV., SRINAGAR (INDIA). DEPT. OF ZOOLOGY.	KENT UNIV., CANTERBURY (ENGLAND).
d'air Et D'Eau en Grandeur Nature),	A First Record of Red-Water Phenomenon	in DEPT. OF ECONOMICS.
W74-08196 7-16 8B	Kashmir, India,	Pollution: Economy and Environment, W74-03493 7-07 6B
KARLSRUHE UNIV. (WEST GERMANY).	W74-01564 7-03	C
INSTITUT FUER HYDROMECHANIK,	KASPIISKII NAUCHNO-ISSLEDOVATELSKII	KENTUCKY DEPT. OF HEALTH, FRANKFORT. INSTRUMENTATION LAB.
STAUNANLAGEN UND WASSERVERSORGUNG.	INSTITUT RYBNOGO KHOZYAISTVA,	Gas-Chromatographic Determination of Seleni-
Flow-Induced Forces on Protruding Walls,	ASTRAKHAN (USSR). Parasite Fauna of Ctenopharyngodon ide	lla um,
W74-05737 7-11 8B	from Pond- and Spawning-Nursery Fisheries	
Developing Region in Self-Aerated Flows,	the Volga Delta, (In Russian),	KENTUCKY DEPT. OF HEALTH,
W74-06739 7-13 8B	W74-04702 7-09	FRANKFORT. RADIOLOGICAL HEALTH
KARLSRUHE UNIV. (WEST GERMANY).	KASPIISKII NAUCHNO-ISSLEDOVATELSKII	PROGRAM. A History and Preliminary Inventory Report on
INSTITUT FUER	INSTITUT RYBNOGO KHOZYAISTVA, MAKHACHKALA (USSR).	the Kentucky Radioactive Waste Disposal Site,
SIEDLUNGSWASSERWIRTSCHAFT.	Feeding of Juvenile Carp Cyprinus carpio L.	in W74-04442 7-09 5B
Regional Wastewater Management Systems, W74-05389 7-10 5D	the Arakum Bodies of Water (Delta of t	
	Terek River) at Early Developmental Stage (In Russian),	RESOURCES, FRANKFORT. DIV. OF WATER.
Models of Water Supply Systems,	W74-04649 7-09	Calibrating A Water Yield Model for Small
W74-05394 7-10 4A	Brother in Ambum British of Water (In Br	Ungaged Watersheds, W74-02172 7-05 2A
Hydraulics of a Water Supply System with	Benthos in Arakum Bodies of Water, (In Resian),	
Fluctuating Water Demand, (Hydraulik eines Wasserversorgungssystems mit fluktuierenden	W74-09142 7-17	KENTUCKY DEPT. OF NATURAL
Bedarfsmengen),	KAZAN STATE UNIV. (USSR).	RESOURCES, FRANKFORT. DIVISION OF WATER.
W74-09726 7-18 8B	The Age Group Distribution of Pelobat	
KARLSTADS MEKANISKA WERKSTAD A.B.	fuscus (Laur.) at the Kuibyshev Reserve	oir Ungaged Watersheds,
(SWEDEN).	Shores (In Russian), W74-02641 7-05	W74-07519 7-14 2A
A Pulp and Paper Mill with Fully Closed Recir-	W /4-02641 /-03	KENTUCKY RESEARCH INST., LEXINGTON.
culation System Utopia or Realistic Possibili- ty. (Eine Zellstoff-und Papierfabrik mit voll-	KEARNEY (A.T.), INC., CHICAGO, ILL.	WATER RESOURCES. Impact of a Proposed Reservoir on Local Land
staendig geschlossenem Kreislauf eine	Research Prospectus for Marine Pollution Co trol in the Great Lakes.	Values, Anthroplogical Analysis of Social and
Utopie oder eine realistische Moeglichkeit),	W74-12000 7-22	
W74-05289 7-10 5D		trol Measures - Phase 3,
KAROLINSKA INSTITUTE, STOCKHOLM	KEARNEY STATE COLLEGE, NEBRASKA, BIOLOGY DEPARTMENT.	W74-00558 . 7-02 6B
(SWEDEN). DEPT. OF HYGIENE.	Effects of Pesticides on Euglena gracilis.	
Whole-Body and Hair Retention of Cadmium in Mice. Including an Autoradiographic Study on	Growth Studies,	WILDLIFE RESOURCES, FRANKFORT. Mussel Fishery Investigations, Tennessee,
Organ Distribution,	W74-03571 7-07	Ohio, and Green Rivers,
W74-11718 7-22 5C	KECK CONSULTING SERVICES, INC., EAST	W74-07187 7-14 8I
KAROLINSKA INSTITUTET, STOCKHOLM	LANSING, MICH. The Electrical Resistivity Method (Part I).	KENTUCKY UNIV., LEXINGTON.
(SWEDEN). DEPT. OF APPLIED	W74-07852 7-15	
MICROBIOLOGY.		Planning Decisions

Biodegradation of Nitrilotriacetate (NTA) By
Bacteria-I. Isolation of Bacteria Able to Grow

KELLER-DEE RESEARCH AND
DEVELOPMENT CORP., NORTHBROOK, ILL.

Biodegradation of Nithiotriacetate (N1A) By
Bacteria-I. Isolation of Bacteria Able to Grow
Anaerobically with NTA as a Sole Carbon
Source,
W74-00644
7-02 5A
W74-02035
RELLEK-DEE RESEARCH AND
DEVELOPMENT CORP., NORTHBROOK,
(ASSIGNEE).
Wave Deflecting Device for a Sea Wall,
W74-02035
7-0

7-14 5D

Planning Decisions, W74-07460

W74-07462

7-04 8B

Application of Nonlinear Programming to Water Quality Control,

Biological Aspects of Agriculture's Effects on

Environmental Quality,

W74-00396

Process Control of Activated Sludge Treat-

7-08 5D

7-01 5D

Desmidiaceae of Waste Waters, (In Russian),

7-07 4A

W74-00485

ment,

W74-03764

7-01 5B

KENTUCKY UNIV., LEXINGTON.

FOR DEVELOPMENTAL CHANGE.

KENTUCKY UNIV., LEXINGTON. CENTER

Recent Sociological Contributions to Water

Resources Management and Development,

Resources Management and Development, W74-13064 7-24 6B	KENTUCKY UNIV., LEXINGTON. DEPT. OF FORESTRY.	A Detailed Investigation of the Sociological, Economic, and Ecological Aspects of Proposed
KENTUCKY UNIV., LEXINGTON. COLL. OF	Permeability of the Cambium to Air in Trees	Reservoir Sites in the Salt River Basin of Ken-
AGRICULTURE.	Adapted to Wet Habitats,	tucky,
Agriculture and PollutionSocio-Economic	W74-01998 7-04 2I	W74-04310 7-09 2A
Aspects, W74-00395 7-01 5G	KENTUCKY UNIV., LEXINGTON. DEPT. OF GEOLOGY.	Sociocultural Impact of Reservoirs on Local Government Institutions, Anthropological
KENTUCKY UNIV., LEXINGTON. DEPT. OF	Variables Affecting Well Success in a Ken-	Analysis of Social and Cultural Benefits and
AGRICULTURAL ENGINEERING.	tucky Limestone Aquifer,	Costs from Stream Control MeasuresPhase 4,
Engineering Agricultural Wastes,	W74-07176 7-14 4B	W74-04311 7-09 6B
W74-00397 7-01 5D	Variables Affecting Well Success in a Ken-	A Contract War Callin Tablian Com
High-Temperature, High-Pressure Extrusion of Chicken Excreta,	tucky Limestone Aquifer, W74-09543 7-18 4B	A Study of Water-Soluble Inhibitory Com- pounds (Algicides) Produced by Fresh-Water
W74-00418 7-01 5D	117 03313	Algae, W74-05537 7-11 5C
	Pipe Flow Models of a Kentucky Limestone	W /4-0333/ /-11 3C
Surface Water Storage Capacity of Selected	Aquifer,	Measuring the Intangible Values of Natural
Crop Leaves Under Irrigation Sprays,	W74-12326 7-23 2F	Streams, Part II, Preference Studies and
W74-04135 7-08 3F	KENTUCKY UNIV., LEXINGTON. OFFICE OF	Completion Report,
KENTUCKY UNIV., LEXINGTON. DEPT. OF	RESEARCH AND ENGINEERING SERVICES.	W74-05538 7-11 6B
AGRONOMY.	Anaerobic Biological Stabilization of Sanitary	Doublement of Destining Relationships for
Nitrate-Nitrogen and Phosphorus Contents of	Landfill Leachate,	Development of Prediction Relationships for Water Requirements with Irrigation Cooling,
Streams Draining Small Agricultural	W74-08448 7-16 5D	W74-05539 7-11 3F
Watersheds in Kentucky,	PENTICEV UNIV. LEVINGTON SCHOOL OF	W 14-03339 7-11 31
W74-06265 7-12 5B	KENTUCKY UNIV., LEXINGTON. SCHOOL OF BIOLOGICAL SCIENCES.	KERALA UNIV., TRIVANDRUM (INDIA).
VENERAL VINE LEVINGBON DEBT OF	Occurrence of Phosphonosphingolipids in Bdel-	DEPT. OF AQUATIC BIOLOGY AND
KENTUCKY UNIV., LEXINGTON. DEPT. OF BOTANY.	lovibrio Bacteriovorus Strain UKi2,	FISHERIES.
Inhibition of Oxygen Evolution in Volvox	W74-06097 7-12 5A	Redescription of Mappates plataxus Rangnekar
globator by Culture Filtrates from Pandorina morum,	KENTUCKY UNIV., LEXINGTON. WATER	(Copepoda: Caligidae), W74-04877 7-10 2I
W74-00728 7-02 5C	RESOURCES INST.	KERNFORSCHUNGSZENTRUM, KARLSRUHE
	Man And Water, The Social Sciences in	(WEST GERMANY).
KENTUCKY UNIV., LEXINGTON. DEPT. OF	Management of Water Resources.	Results of Monitoring for Tritium Incorpora-
CHEMICAL ENGINEERING.	W74-13058 7-24 6B	tion at the Karlsruhe Nuclear Research Center
Experimental Study of the Phase-Selective	KENTUCKY UNIV., LEXINGTON. WATER	in 1971 and 1972, (Ergebnisse der Tritium-In-
Anodic Stripping Analysis of Micromolar Cad- mium(II) at the Micrometer Hanging Mercury	RESOURCES RESEARCH INST.	korporationsuberwachung im Kernforschung-
Drop Electrode in 0.1 m Potassium Chloride,	Seasonal Changes in Water Quality and Prima-	szentrum Karlsruhe in den Jahren, 1971-1972),
W74-02415 7-05 2K	ry Productivity in Doe Valley Lake,	W74-05613 7-11 5A
177 02713	W74-07605 7-15 5C	
KENTUCKY UNIV., LEXINGTON. DEPT. OF	Sensitivity of Vertebrate Embryos to Heavy	KERNFORSCHUNGSZENTRUM, KARLSRUHE
CHEMISTRY.	Metals as a Criterion of Water Quality-Phase I,	(WEST GERMANY). INSTITUT FUER NEUTRONENPHYSIK UND
Salting-Out of Acetone from Water -Basis of a	W74-07715 7-15 5C	REAKTORTECHNIK.
New Solvent Extraction System, W74-00290 7-01 2K		Dose and Risk Considerations for the Release
W74-00290 7-01 2K	Laboratory Simulation of Rainfall Erosivity for	of I-131 at Special Sites,
Solvent Extraction of Metal Chelates into	Gully Formation Study, W74-08937 7-17 2J	W74-05421 7-11 5C
Water-Immiscible Acetone,	W/4-0693/	
W74-05311 7-10 5A	Powers of the State of Kentucky in Implement-	KERNFURSCHUNGSZANTRUM, KARLSRUHE
PENTUCKY UNITY TEVINGTON DERT OF	ing an Effluent Tax as a Part of an Interstate	(WEST GERMANY).
KENTUCKY UNIV., LEXINGTON. DEPT. OF CIVIL ENGINEERING.	Ohio River Basin Water Pollution Control Pro-	Production and Release of Radioactive Kryp-
Remote Sensing in Sampling Site Location in	gram,	ton- and Xenon-Isotopes by Nuclear Power Plants and Reprocessing Plants and the Ex-
Lakes and Streams.	W74-13051 7-24 5G	pected Radiological Burden Till the Year 2000,
W74-04313 7-09 5A	KENTUCKY WATER RESOURCES INST.,	(Erzeugung und Freisetzung von radioaktiven
	LEXINGTON.	Krypton- und Xenon-isotopen durch Kernreak-
Carbon and Nitrogen as Regulators of Algal	Social and Cultural Impact of a Proposed	toren und Wiederaufarbeitung sanlagen und die
Growth,	Reservoir on a Rural Kentucky School District,	voraussichtliche radiologische Belastung bis
W74-06166 7-12 5C	W74-00557 7-02 6B	zum Jahr 2000),
Biological, Physical and Chemical Treatment of	Social Costs and Banefits of Water Bassuane	W74-12971 7-24 5A
Wood Soaking Vat Wastewater,	Social Costs and Benefits of Water Resource Construction.	
W74-08449 7-16 5D	W74-03204 7-07 6B	KETTERING SCIENTIFIC RESEARCH, INC.,
		YELLOW SPRINGS, OHIO.
KENTUCKY UNIV., LEXINGTON. DEPT. OF	Minimum Cost Design of Water Distribution	Acid Mine Water Treatment Process,
Detection of Salts of 2,4-D In Aqueous Solu-	Systems,	W74-11408 7-21 5D
tion by Laster Raman Spectroscopy,	W74-03205 7-07 8A	KETTERING SCIENTIFIC RESEARCH, INC.,
W74-00297 7-01 5A	Sensitivity of Vertebrate Embryos to Heavy	YELLOW SPRINGS, OHIO. (ASSIGNEE)
	Metals as a Criterion of Water Quality,	Method for Controlling Algae Pollution,
KENTUCKY UNIV., LEXINGTON. DEPT. OF	W74-03206 7-07 5C	W74-00088 7-01 5G
Photodecomposition of the Herbicide	The Committee of Flood Downer Time	KHARKOV STATE UNIV. (USSR).
Photodecomposition of the Herbicide	The Generation of Flood Damage Time	RITARDY STATE UNIV. (USSR).

Sequences,

W74-03334

7-01 5B

Methazole.

KNOERLE, BENDER, STONE AND ASSOCIATES, CHICAGO, ILL.

Phytoplankton Dynamics in the	Severskiy	Lower Fungi as Test Organisms of Pollutants i
Donets River for the First Years	After its	Sea and Brackish Water: The Effects of Heav
Regulation, (In Russina),		Metal Compounds and Phenol on Thrau-
W74-04648	7-09 5C	tochytrium striatum (In German),
		W74-02696 7-06 5
Epizoic Algae in Sewage Waters, (In		
W74-13041	7-24 5B	Hydrocarbon and Chlorophyll: A Correlation in the Upwelling Region off West Africa.
Effect of Urban Sewage on the Sa	nitary and	W74-04771 7-09 5
Biological Regime of the Lopan Riv		
sian).		Investigations on the Occurrence of Pheno
W74-13401	7-24 5C	Decomposing Microorganisms in Waters an
		Sediments. (in German),
KHARKOV STATE UNIV. (USSR). DE	PT. OF	W74-08115 7-15 5
LOWER PLANTS.		
Algae of Secondary Settling Tanks	, (In Rus-	Determination of Total Hydrocarbons in Se
sian).		Water at the Microgram Level with a Flo
W74-00730	7-02 5D	Calorimeter,
		W74-08430 7-16 5
Yellow-Green Algae of Wastes, (In U	Jkranian),	
W74-03919	7-08 5A	APDC-MIBK Extraction System for the Dete
		mination of Copper and Iron in 1 Cu Cm of Se
KHARKOVSKII MEDITSINSKII INST	TTUT	Water by Flameless Atomic-Absorption Spe
(USSR).		trometry,
Characteristics of the Toxic Effects	and Safety	W74-11078 7-21 5
Levels of Nitriles of Crotonic and	Isocrotonic	
Acids in Water Bodies, (In Russian),		Investigations on the Toxicity of Sea Wate
W74-01044	7-02 5C	Extracts of Three Crude Oils on Eggs of Co
		(Gadus Morhua L.),
KHARTOUM UNIV. (SUDAN). FACUI	TY OF	W74-11298 7-21 5
SCIENCE.		
Burning as a Supporting Treatmen	nt in Con-	Relation Between Chlorinity and Conductome
trolling Waterhyacinth in the Sud		ric Salinity in Black Sea Water,
Routine Burning.		W74-12378 7-23 2
W74-02918	7-06 4A	
11 1 1 0 2 / 10	, 00 4A	KIEL UNIV. (WEST GERMANY).
Burning as a Supporting Managen	ent in the	ZOOLOGISCHES INSTITUT.
Control of Waterhyacinth in the Suc		Ecological Investigations of Ponds with Speci
Backburning,		Regard to the Consequences of Water Pollution
W74-02919	7-06 4A	by Oil, (In German),
W 14-04212	7-00 4A	W74-04635 7-09 5
KHERSONSKII SELSKOKHOZYAIST	VENNYI	
INSTITUT (USSR).		A New Meiofauna Sampler for Quantitati
Effect of Irrigation and Alkali Treats	ment on the	Sampling in Soft Bottoms, (Ein Neu
Microbiological Processes in Soil,		'Meiofaunastecher' Zur Quantitative
an).	in Okraini-	Probennahme in Weichboden),
an), W74-01761	7.04 35	W74-11313 7-21 7
W /4-01/61	7-04 3F	

KIEV RESEARCH INST. OF GENERAL COMMUNAL HYGIENE (USSR).

Hygienic Evaluation of Means of Enrichment with Salts and Decontamination of Demineralized Water. (In Russian). 7-14 SF W74-07365

Organic Water Impurities and Evaluation of Methods for their Removal in Water Mains (In Russian). W74-07862 7-15 5D

Hygienic Evaluation of a Portable Ion Exchange Filter For Field Purification of Drinking Water, (In Russian), W74-11175 7-21 5F

KIEV STATE UNIV. (USSR).

The Structural-Continuum Theory of Dilute Suspensions of Rigid Ellipsoidal Particles, W74-04249

KILBOM ENGINEERING LTD., TORONTO (ONTARIO).

Report on Laurel Creek Channel Improvements, Waterloo and Bridgeport, Ontario. W74-01482 7-03 4A

KILEY (DAN) AND PARTNERS, CHARLOTTE,

The Great Miami River Corridor Study: A Concept Plan. W74-03631 7-07 6F

AM (ELSON T.) ASSOCIATES, INC., URN. N. J.

lization of Trickling Filters for Dual Treatlization of Trickling Flucts, nt of Dry and Wet Weather Flows, 7-13 5D

BERLY-CLARK CORP., NEENAH, WIS. vanced Practical Water Recycle in Tissue nufacture, 4-02279 7-05 SD

BERLY-CLARK OF CANADA LTD., SVILLE (ONTARIO).

lution Control by Recycling Effluent, 4-07407 7-14 5D

'S COLL., LONDON (ENGLAND). DEPT. EOGRAPHY.

pe Development on a Mississippi River ff in Historic Time, 7-09 21

'S COLL., LONDON (ENGLAND). TE FIELD CENTER.

nual Cycle in River Water Quality: A Time ies Approach, 7-01 SR 4-00372

II UNIV., OSAKA (JAPAN). DEPT. OF DAMENTAL EDUCATION.

orimetric Determination of Carbohydrates sea Water. 7-21 5A 4-11110

ERET LIMNOLOGY LAB., TIBERIAS EL).

difications in Filtration Methods for the asurement of Inorganic C-14 Uptake by otosynthesizing Algae, 4-01425 7-03 SA

talimnic Layer in Lake Kinneret, Israel, 4-01598 7-03 SC

ke Kinneret: Planktonic Populations During asons of High and Low Phosphorus Availa-4-03937

The Mixing Patterns of the Jordan River in Lake Kinneret, 7-19 2H W74-09890

KISHINEV BOTANICAL GARDEN (USSR).

Effect of Trace Elements on the Water Regimen, the Decorative Qualities and the Seed Yield of Some Ornamental Plants, (In Russian), W74-05345

KITAKYUSHU MUNICIPAL INST. OF PUBLIC HEALTH (JAPAN).

Multiple Organochlorine Pesticide Residues in Japan, W74-07560 7-14 5A

KITAMI INST. OF TECH. (JAPAN).

by Plasma-Jet Emission Spectrometry,
7-01 2K Determination of Some Rare-Earth Elements

KNAPSACK A. G., COLOGNE (WEST GERMANY).

The Phosphate Precipitation in Communal Waste Waters (Die Phosphat-Faellung in kommunalem Abwasser), W74-09521

KNOERLE, BENDER, STONE AND ASSOCIATES, CHICAGO, ILL.

Digestion Byproduct May Give Answer to Energy Problem, W74-10935 7-21 5D

7-03 2L

7-18 5D

7-01 2I

7-07 2J

7-14 7B

KIEL UNIV. (WEST GERMANY).

KIEL UNIV. (WEST GERMANY).

GEOLOGISCH-PALAEONTOLOGISCHES

From Tyrrhenian Deep Sea Cores,

Water, As Applied to the Baltic.

Agitators ('Fuchs'),

INSTITUT UND MUSEUM.

W74-09705

W74-00100

W74-03431

W74-07159

Corer ('Kastenlot'),

FUER MEERESKUNDE.

Der unterelbe),

W74-01175

Aerobic Treatment of Swine Waste by Aerator-

Grain Size Studies on Turbidite Components

The Relationships Between Wind Records,

Energy of Longshore Drift, and Energy

Balance Off the Coast of a Restricted Body of

An Improved Core Catcher for the Kiel Box

Investigations on the Influence of Tides on

Salinity, Content of Suspended Matter, Sedi-

mentation and Bacteria Counts in the Elbe Estuary, (Untersuchungen Uber Die Einwir-

kung Der Tide Auf Salzgehalt, Schwebstoff-

gehalt, Sedimentation Und Bakteriengehalt in

KIEL UNIV. (WEST GERMANY). INSTITUT

KNOLLS ATOMIC POWER LAB., SCHENECTADY, N.Y.

KNOLLS ATOMIC POWER LAB., SCHENECTADY, N.Y.		KOMLINE-SANDERSON ENGINEERING CORP., PEAPACK, N.J.	KSB PUMP CO., EAST RUTHERFORD, N.J. Deep Well Submersibles are Growing,
	boratory ironmen-	Process For The Treatment of Activated Sludge,	W74-03147 7-06 8C
tal Monitoring Report Calendar Year 1		W74-10486 7-20 5D	KUCH AND WATSON, INC., LAKE BLUFF, ILL.
		KONINKLIJKE-SHELL EXPLORATIE EN	Water Main Laying,
KOBE UNIV. (JAPAN). DEPT. OF BIOL On Mallomonas lelymeme Harris Et		PRODUKTIE LABORATORIUM, RIJSWIJK (NETHERLANDS).	W74-05010 7-10 5F
(Chrysophyceae), (In Japanese),	7-05 2H	Filtration Behavior of Circulating Drilling Fluids,	KUMAMOTO UNIV. (JAPAN). FACULTY OF EDUCATION.
KOBE UNIV. (JAPAN). DEPT. OF CIVIL	L	W74-04141 7-08 8B	Study on the Plasmolysis Time in Epiderma
ENGINEERING.		Lithofacies Relations in the Late Quaternary	Cells from Leaves of Saxifraga stolonifers
On a Coexistence System of Flow and W74-03688	7-07 8B	Niger Delta Complex, W74-12305 7-23 2L	Meerb (In Japanese), W74-02542 7-05 2
KOBE UNIV. (JAPAN). DEPT. OF PUBI	IC	KONINKLIJKE/SHELL-LABORATORIUM,	KUMAMOTO UNIV. (JAPAN). MEDICAL
HEALTH. Analysis of Organic Mercury Comp	ounds by	AMSTERDAM (NETHERLANDS). Interference of Non-Hydrocarbons in Oil-In-	SCHOOL. Distribution of Mercury in the Environment o
Gas Chromatography,		Water Determination,	Minamata Bay and the Inland Ariake Sea,
	7-21 5A	W74-05462 7-11 5A	W74-06781 7-13 5I
KOBE UNIV. (JAPAN). FACULTY OF AGRICULTURE. Studies on the Relationship	Between	Bacterial Degradation of Cyclohexane Participation of a Co-Oxidation Reaction,	Biological Reactions and Pathological Change in Human Beings and Animals Caused by Or
Miscanthus Sinensis Community and		W74-08244 7-16 5B	ganic Mercury Contamination,
Relationship Between Humus and Pro of Miscanthus Sinensis Grassland,	oductivity	KOREA GEOLOGICAL AND MINERAL INST.,	W74-06804 7-13 50
	7-23 2G	SEOUL. Hydrogeological Maps of Korea, 2. Upper	Approaches to the Detection of Subclinica
KOCKS (F. H.), DUESSELDORF (WEST		Jinwi River Basin, (In Korean),	Mercury Intoxications: Experience in Mina mata. Japan.
GERMANY).		W74-11908 7-22 7C	W74-06811 7-13 50
An Economic Appraisal of Changes Use Through Investments in Navigat		KOSTROMSKOI SELSKOKHOZYAYSTVENNYI INSTITUT	KUMAMOTO UNIV. (JAPAN). SCHOOL OF
and Canals,	NE RIVEIS	(USSR).	PREVENTIVE MEDICINE.
W74-05395	7-10 6A	Soil Moisture Dynamics and Its Variations in	The Relationship Between Mercury Concentra tion in Hair and the Onset of Minamata Dis
KOEHLER-DAYTON, INC., NEW BRIT	AIN	Soils Under Field Crops (Dinamika vlazhnosti i stepen' veve var'irovaniya v pochvakh pod	ease,
CONN. (ASSIGNEE). Indirector Chlorinator,		polevymi kul'turami),	W74-06806 7-13 50
	7-06 5D	W74-07509 7-14 2G	KUNGLIGA LANTBRUSHOGSKOLAN,
KOKAK (AUSTRALASIA) PTY LTD., C	OBURG	KRANNERT GRADUATE SCHOOL OF	UPPSALA (SWEDEN).
(AUSTRALIA). RESEARCH LABS.		INDUSTRIAL ADMINISTRATION ADMINISTRATION, LAFAYETTE, IND.	Nitrogen Fixation in a Subarctic Mire, W74-05489 7-11 51
Simultaneous Determination of Fer and Ferricyanide in Aqueous Solution		Application of Multigoal Water Quality	
Infrared Spectrometry,		Planning Model, W74-05384 7-10 5D	KURITA WATER INDUSTRIES LTD., OSAKA (JAPAN). (ASSIGNEE).
W74-03866	7-08 5A		Process for Purifying Water that Contains Or
KOLLSMAN INSTRUMENT CORP., SY	OSSET,	KRANNERT GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION,	ganic Matter,
N.Y. A Resonant Capsule Pressure Transc	ducer For	LAFAYETTE, IND.	W74-04716 7-09 51
Data Buoys,		Multigoal Water Quality Planning Model, W74-02678 7-06 5B	KUYBYSHEV RES. HYG. INST. (USSR).
W74-01160	7-03 7B		Certain Problems of the Sanitary State of Upper Reaches of the Saratov Water Reser
KOMENSKEHO UNIVERSITA, BRATI (CZECHOSLOVAKIA).	SLAVA	Production Function Theory and the Optimal Design of Waste Treatment Facilities,	voir, (In Russian),
Callus Tissue Culture From the Vie	wpoint of	W74-06997 7-13 6D	W74-08698 7-16 51
Water Relationships (In German), W74-00995	7-02 21	Application of Statistical Techniques to the Selection of an Optimal Pollution Treatment	KYOTA UNIV. (JAPAN). DISASTERS PREVENTION RESEARCH INST.
KOMENSKEHO UNIVERSITA, BRATI	SLAVA	Program,	A Study on Mass Transport in Boundar
(CZECHOSLOVAKIA). DEPT. OF		W74-11570 7-22 5D	Layers in Standing Waves, W74-04615 7-09 2
GEOBOTANY. Influence of the Soil Water Level on	Microbial	KRISTINEBERGS ZOOLOGISKA STATION,	
Processes of Pasture and Forest Com	munities,	FISKEBACKSKIL (SWEDEN). Effects of Oil Dispersants and Oil Emulsions	KYOTO GAKUEN UNIV. (JAPAN).
W74-02194	7-05 2G	on Marine Animals,	Polluted and Turbid Water Masses in Osak Bay and Its Vicinity Revealed with ERTS-
Natural Phytocenoses of the River I the Lower Reaches of the River Hron		W74-06745 7-13 5C	Imageries,
W74-06550	7-13 2I	KRUGER (I.) A/S, COPENHAGEN (DENMARK).	W74-02586 7-05 7
KOMENSKEHO UNIVERSITA, BRATI	SLAVA	(ASSIGNEE) Decanting Centrifuge for Draining Off Water	KYOTO PREFECTURAL UNIV. OF MEDICINE
(CZECHOSLOVAKIA). DEPT. OF		from Sewage Sludge,	(JAPAN). DEPT. OF MEDICAL ZOOLOGY. An Epidemiological Study on Clonorchiasis in
MICROBIOLOGY. Influence of Soil Structure and Mo	nisture or	W74-05899 7-11 5D	Kyoto City, (In Japanese),
Nitrification,		KRYMSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT, SIMFEROPOL	W74-07050 7-13 5
W74-02192	7-05 2G	TEDAGOGICHESKII INSTITUT, SIMPEKOPOL	A. Fridamislasias Chudu Classackia siasa

PEDAGOGICHESKII INSTITUT, SIMFEROPOL (USSR).

Physiological Characteristics of Nepeta trans-caucasica Grossh. Under Irrigated Conditions, W74-11649 7-22 2G

7-13 5C

7-14 5C

An Epidemiological Study on Clonorchis sinensis at the Northern part of Wakayama Prefecture, Middle Japan, (In Japan),

W74-07540

W74-02548

Influence of Herbicides on Microbiological Conditions,

7-05 5B

LABORATORY OF MOSQUITO CONTROL, TOKUSHIMA (JAPAN).

KYOTO UNIV. (JAPAN). DEPT. OF	KYUSHU UNIV., FUKUOKA (JAPAN). DEPT.	Spatial and Seasonal Variations of the Mesopleuston of the Yalca Pond (Province of
CHEMISTRY. A High-Speed Liquid Chromatograph with a	OF CHEMISTRY. Application of the Fission-Track Technique to	Buenos Aires, Argentina), (In Spanish),
Flow-Spectrofluorimetric Detector and the Ul-	the Determination of Uranium in Natural	W74-12399 7-23 2H
tramicro-Determination of Aromatic Com-	Waters.	
pounds,	W74-12720 7-23 5A	LA SALLE COLL., PHILADELPHIA, PA.
W74-02397 7-05 5A		The Realities of Thermal Pollution - Environ-
AND THE PARTY OF STREET	KYUSHU UNIV., FUKUOKA (JAPAN). DEPT.	mental Limitations and Ecological Adaptations,
KYOTO UNIV. (JAPAN). DEPT. OF CIVIL	OF FISHERIES CHEMISTRY.	W74-02870 7-06 5C
ENGINEERING. Hyperbolic Waves and Their Shoaling,	Cadmium Content and Distribution in the Mud,	LA SALLE COLL., PHILADELPHIA, PA. DEPT.
W74-04611 7-09 2E	Blood Clams, Fish Flesh and the Alga,	OF BIOLOGY.
W/4-04011	Porphyra Tenera, in the Ariake Bay (In Japanese).	Water Use for Aquatic Life,
KYOTO UNIV., (JAPAN). DEPT. OF HYGIENE.	W74-13073 7-24 5B	W74-02865 7-06 5C
Bone Changes in Experimental Chronic Cadmi-	W 74-13073	LA TROBE UNIV., BUNDOORA(AUSTRALIA).
um Poisoning, Radiological and Biological Ap-	KYUSHU UNIV., FUKUOKA (JAPAN). DEPT.	DEPT. OF BOTANY.
proaches, W74-09576 7-18 5C	OF HYDRAULIC CIVIL ENGINEERING.	Factors Affecting the Photosynthetic Capacity
W 14-09376 7-18 3C	Numerical Calculation of Wind Waves in Shal-	of Laboratory Cultures of the Diatom
KYOTO UNIV.,(JAPAN). DEPT. OF MINERAL	low Water,	Phaeodactylum Tricornutum,
SCIENCE AND TECHNOLOGY.	W74-03675 7-07 8B	W74-05046 7-10 5C
Study on the Removal of Inorganic and Organic	KYUSHU UNIV., FUKUOKA (JAPAN). DEPT.	I A TROBE HARY BUNDOODA (AUSTRALIA)
Mercury in Waste Water by the Flotation	OF PUBLIC HEALTH.	LA TROBE UNIV., BUNDOORA (AUSTRALIA). DEPT. OF GENETICS.
Method,	Electron Microscopic Study of Cadmium	The Effect of Lack of a Carbon Source on
W74-10470 7-20 5D	Nephrotoxicity in the Rat,	Nitrate-Reductase Activity in Aspergillus nidu-
KYOTO UNIV. (JAPAN). DEPT. OF SANITARY	W74-11719 7-22 5C	lans.
ENGINEERING.		W74-07581 7-14 5C
A Stochastic Study on the Concentration	KYUSHU UNIV., FUKUOKA (JAPAN).	
Process of Radioactive Substances to Aquatic	FACULTY OF AGRICULTURE.	LABORATOIRE DES PETITS VERTEBRES,
Organisms,	Color of Pulp Industry Waste Liquors. III. The Interaction of Chloro-Oxylignin with Metal	JOUY-EN-JOSAS (FRANCE). Destruction Trials of the Muskrat, Ondatra
W74-05429 7-11 5B	Salts (In Japanese),	Zibethica L., in Ponds Using Poisoning Rafts,
On the Selection of a Ground Disposal Site by	W74-04512 7-09 5D	(In French),
Sensitivity Analysis,	11101312	W74-08128 7-15 5G
W74-06858 7-13 5B	Studies on the Mechanisms of Red Tide Occur-	
	rence in Hakata Bay, 3. The Characteristics of	LABORATOIRE NATIONAL DE L'ELEVAGE
Estimation and Evaluation of Radioactive Con-	Effective Bottom Mud and Its Geographical	ET DE RECHERCHES VETERINAIRES,
tamination Through a Food Web in an Aquatic	Distribution Pattern, (In Japanese),	DAKAR (SENEGAL).
Ecosystem (1), An Application of the Compart-	W74-11341 7-21 5C	Nematode Fishe Parasites from Sangalkam,
ment Model to Transfer of Radioactive Sub-	The Color of Waste Liquor from Pulp Industry.	Senegal, W74-07589 7-14 2H
stances Through a Food Chain, W74-08365 7-16 5B	IV. The Interaction of Cl(2)-Oxylignin with	W/4-0/309 /-14 2H
W 74-08303 7-10 3B	Metal Salts (2), (In Japanese),	LABORATORIO NACIONAL DE ENGENHARIA
KYOTO UNIV., (JAPAN). DISASTER	W74-12924 7-24 5D	CIVIL, LISBON (PORTUGAL).
PREVENTION RESEARCH INST.		Wave Energy and Littoral Transport,
Laboratory Study of Scale Effects in Two-	KYUSHU UNIV., FUKUOKA (JAPAN).	W74-04965 7-10 2J
Dimensional Beach Processes,	RESEARCH INST. OF INDUSTRIAL SCIENCE.	LABORATORIO PROVINCIALE DI IGIENE E
W74-04748 7-09 2L	Some Geothermal Measurements at the Otake	PROFILASSI, GENOA (ITALY); AND GENOA
KYOTO UNIV. (JAPAN). DISASTERS	Geothermal Area, W74-09027 7-17 2F	UNIV. (ITALY). ISTITUTO DI
PREVENTION RESEARCH INST.	W/4-0902/	FARMACOLOGIA E FARMACOGNOSIA.
Observations of the Transformation of Ocean	KYUSHU UNIV., FUKUOKA (JAPAN). WOOD	Ichthyotoxic Effects of Some Anti-Pollution
Wave Characteristics Near Coasts by Use of	CHEMISTRY LAB.	Products,
Anchored Buoys,	On Spent of Liquor Semichemical Pulping. Part	W74-11327 7-21 5C
W74-03676 7-07 8B	III. Toxicity Characteristics of SCP Spent	LABORATORIUM FUER
Laminar Damping of Oscillatory Waves Due to	Liquor and Reduction of the Toxicity (In	ADSORPTIONSTECHNIK, G.M.B.H.,
Bottom Friction,	Japanese),	FRANKFURT AM MAIN (WEST GERMANY).
W74-03679 7-07 8B	W74-09454 7-18 5C	(ASSIGNEE).
17703077	L.L.R.M. MEDICAL COLL., MEERUT (INDIA).	Method of and Apparatus for the Purification
Model Study on the Filling-Up of a Fishery	DEPT. OF PATHOLOGY.	of Water Containing Organic Contaminants,
Harbor by Drifting Sand,	Relation of Mineral and Hormone Metabolism	W74-07199 7-14 5D
W74-03691 7-07 2L	to Intake of Water with a High Natural Content	LABORATORIUM VOOR ANALYTISCHE
Hydraulic Model Experiment on the Duffusion	of Fluoride,	SCHEIKUNKE, AMSTERDAM
Due to the Coastal Current,	W74-02235 7-05 5C	(NETHERLANDS).
W74-04628 7-09 5B		Amperometric Titration of Mercury(II) with
	LA PLATA UNIV. (ARGENTINA). ESTACION	EDTA, DTPA and Trien in the PPM-Range,
KYOTO UNIV., OTSU (JAPAN). OTSU	HIDROBIOLOGICA Y ACUARIO DE BERISSO.	W74-02405 7-05 5A
HYDROBIOLOGICAL STATION.	Pollution of the 'El Carpincho' Pond (Pampasic	
Some Sources of Error in the 14C Method for Estimating Primary Productivity and Their	Region, Argentina) and Its Effects on Plankton and Fish Communities,	LABORATORY FOR RESEARCH FIS. DIS., NIR
Relationship to Light Intensity During Incuba-	W74-02923 7-06 5C	DAVID (ISRAEL). Fisheries and Fish Culture in Israel in 1971,
tion,		W74-01570 7-03 6B

LA PLATA UNIV. (ARGENTINA). INSTITUTO

Ecology and Biocoenology of Lagunas or Lakes of Third Order of the Temperate Neotropical Region (Southeast Pampasic Region of Argentina), (In Spanish), W74-04817 7-09 2H

DE LIMNOLOGIA.

7-03 2H

7-17 2K

W74-01217

W74-09024

KYUSHU UNIV., BEPPU(JAPAN). INST. OF BALNEOTHERAPEUTICAL RESEARCH I.

Geochemistry of the Waters Discharged From Drillholes in the Otake and Hatchobaru Areas, LABORATORY OF MOSQUITO CONTROL,

Observations on Gambusia affinis Introduced into Tokushima as a Natural Enemy of Mosquitoes, (In Japanese),

TOKUSHIMA (JAPAN).

LABORATORY OF THE GOVERNMENT CHEMIST, LONDON

LABORATORY OF THE GOVERNMENT CHEMIST, LONDON (ENGLAND).		LAKE ERIE FISHERIES RESEARCH STATION, WHEATLEY (ONTARIO).	LANCASTER UNIV., BAILRIGG (ENGLAND). DEPT. OF MATHEMATICS.
The Identification of Sources of Oil Spills, W74-00780 7-02	5A	First Records of the Chinese Mitten Crab, Eriocheir Sinensis, (Crustacea: Brachyura) From North America,	What Is, and What Is Not, a Markov Chain, W74-11470 7-22 2A
Biodegradation of Urea in River Waters U	nder	W74-06171 7-12 2I	LANCY LABS., INC., ZELIENOPLE, PA.
Controlled Laboratory Conditions, W74-03287 7-07	5B	LAKE MICHIGAN FEDERATION, CHICAGO, ILL.	Waste Treatment: Upgrading Metal-Finishing Facilities to Reduce Pollution, W74-03499 7-07 5D
A Study of the Stability of a Nitrogen-Sele- Thermionic Detector,	ctive	Variation in Bluff Recession in Relation to	
	5A	Lake Level Fluctuations Along the High Bluff Illinois Shore,	LANDBOUWPROEFSTATION, PARAMARIBO (SURINAM).
LABORATORY OF THE GOVERNMENT		W74-11974 7-22 2J	Soil Properties in Relation to the Growth and
CHEMIST, LONDON (ENGLAND). DEPT. O	F	LAKE NASSER DEVELOPMENT CENTRE,	Yield of Oil Palm (Elaeis guineensis Jacq.) in Surinam,
TRADE AND INDUSTRY. Spectrophotometric Determination of	Low	ASWAN, (EGYPT).	W74-01736 7-04 2G
Levels of Mono-, Di-, and Triethylene Gly		Lake Nasser, W74-08749 7-17 4A	Evapotranspiration of Water Hyacinth
in Surface Waters,		W/4-08/49 /-1/ 4A	(Eichhornia Crassipes),
W74-05290 7-10	5A	LAKEHEAD UNIV., THUNDER BAY	W74-12998 7-24 2D
Determination of Ammonia Levels in V		(ONTARIO). DEPT. OF BIOLOGY. A Procedure for Short-Term Bioassay Tests on	LANDERARBEITSGEMEINSCHAFT WASSER,
and Waste Water with an Ammonia Probe, W74-13421 7-24	5A	Industrial Effluents of Low Oxygen Content, W74-02961 7-06 5C	MAINZ (WEST GERMANY). Principles of Evaluating Effects of Thermal
LAFAYETTE COLL., EASTON, PA. DEPT.	OF	LAKEHEAD UNIV., THUNDER BAY	Discharges on Surface Waters (Grundlagen fur
CHEMISTRY. Ion-Exchange Paper Chromatography of Marchange Paper Chromatography of Marchander Chromatography of Marchander Chromatography of Marchander Chromatography of Marchander Chromatogra	Metal	(ONTARIO). SCHOOL OF ENGINEERING.	die Beurteilung der Warmebelastungen von Gewassern).
Ions with Mixed Aqueous-Organic Sol- Containing Mineral Acid and a Selective	vents	Mine Water Purification by Reverse Osmosis, W74-06409 7-12 5D	W74-04764 7-09 5C
tractant, W74-11374 7-21	5A	LAMAR UNIV., BEAUMONT, TEX. DEPT. OF BIOLOGY.	LANDESANSTALT FISCHEREI, KIRCHHUNDEM (WEST GERMANY). The Fish of the South Westphalian Highland
LAFAYETTE COLL., EASTON, PA. DEPT. GEOLOGY.		Limnological Studies on a Southeast Texas Meander Scar Lake, W74-01828 7-04 5C	Including the Moehne Dam and Ruhr, W74-08681 7-16 2I
Mass Property Variability of Some Estu Sediments,	arine		LANDESSAMMLUNGE FUER NATURKUNDE,
W74-05725 7-11	2L	Macrobenthos as Indicators of Ecological Change, W74-10534 7-20 5B	KARLSRUHE (WEST GERMANY). The Moss Vegetation of the Forests in the
Mass Physical and Engineering Propertie Some York River Sediments,	es of	W74-10534 7-20 5B	Rhine Lowland Between Basel and Mannheim,
	2L	LAMAR UNIV., BEAUMONT, TEX. DEPT. OF CHEMISTRY.	(In German), W74-08131 7-15 21
Sedimentational Regimes of the York R Southeastern Virginia, as Shown by Mass perties.		A Survey of Trace Metals in Human Hair, W74-09573 7-18 5B	LANDWIRTSCHAFTLICHE FORSCHUNGSANSTALT, BUENTEHOF (WEST
	2L	LAMONT-DOHERTY GEOLOGICAL	GERMANY). The Effect of Soil Moisture Upon the Availa-
LAITRAM CORP., NEW ORLEANS, LA.		OBSERVATORY, PALISADES, N.Y. Experiments and Hydrographic Surveys Off	bility of Potassium and its Influence on the
Wave Energy Converter Array,		Sandy Hook, New Jersey (1963),	Growth of Young Maize Plants (Zea mays L.), W74-02554 7-05 3F
W74-12438 7-23	7B	W74-01199 7-03 2L	
LAJOS KOSSUTH UNIV., DEBRECEN		Distribution and Uptake of Artificially In-	LANGSTON UNIV., OKLA. DEPT. OF AGRICULTURE.
(HUNGARY). DEPT. OF BOTANY. Relics of the Boggy Vegetation in Sodic 1 tories, (In Hungarian).	Terri-	troduced Radium-226 in a Small Lake, W74-04785 7-09 5B	Chemical Distribution of Residual Fertilizer Nitrogen in Soil as Revealed by Nitrogen-15
	2H	Diffusion Experiments in Coastal Waters Using Dye Techniques,	Studies, W74-08332 7-16 5B
LAJOS KOSSUTH UNIV., DEBRECEN		W74-04938 7-10 2L	LANTBRUKSHOGSKOLAN, UPPSALA
(HUNGARY). ZOOLOGICAL INST. Debrecen Area Inland Waters: Hydrobiologoperates: Influence on Water Quality of		Subsurface Eddies in the Arctic Ocean, W74-05159 7-10 2C	(SWEDEN). INSTITUTIONEN FOR VAXTFYSIOLOGI.
Eastern Irrigation Canal with Reference Debrecen's Drinking and Industrial		The Residence Time of Thorium in Surface Sea	Algal Assays of Archipelago Waters. Quantita- tive Aspects,
Supply,		Water and Its Implications Regarding the Rate of Reactive Pollutants,	W74-06015 7-12 5C
W74-02543 7-05	5C	W74-05995 7-12 5B	Algal Assays of Archipelago Waters: Quantita-
Some Hydrobiological Problems of the Gre water Enrichment at the Budapest Metrope		Rio De La Plata Estuary Environments, W74-07236 7-14 2L	tive Aspects, W74-13495 7-24 5C
Waterworks, W74-13383 7-24	5C		LAS VEGAS VALLEY WATER DISTRICT, NEV.
		Strontium Isotope Composition and Sediment	Report to the Governor and the Legislative Commission: Pollution Abatement Project, Las
Hydroecological Studies of the Water B of the Bukk and Zemplen Mountains: II, W74-13388 7-24	2K	Transport in the Rio de la Plata Estuary, W74-07240 7-14 2L	Vegas Wash and Bay. W74-00744 7-02 5D
		LANCASHIRE RIVER AUTHORITY	LAS VIRGENES MUNICIPAL WATER
LAKE COUNTY HEALTH DEPT., WAUKE	GAN,	(ENGLAND). The Application of a Simulation Model to the	DISTRICT, CALABASAS, CALIF.
Septic Systems: Effects of Surface and Su	ibsur-	Planning and Management of Water Resources	Tertiary Treatment with a Controlled Ecologi-
face Water,		in Lancashire,	cal System.

cal System. W74-06524

7-13 5D

7-23 4B

face Water, W74-01716

7-04 5B

LASER ALIGNMENT, INC., GRAND RAPIDS, MICH. (ASSIGNEE). Target System for Laying Sewer Pipes,	LEEDS UNIV. (ENGLAND). DEPT. OF MECHANICAL ENGINEERING. The Influence of Topography and Pressure	LEICESTER UNIV. (ENGLAND). DEPT. OF ENGINEERING. A General Purpose Digital Model of a Wate
W74-13337 7-24 8A	Gradients on Shoaling in a Tidal Estuary, W74-01204 7-03 2L	Resource System,
LAURENTIAN UNIV., SUDBURY (ONTARIO).		
Conceptual Models: 2. Fluvial-Alluvial, Glacial,	LEEDS UNIV. (ENGLAND). DEPT. OF PLANT SCIENCES. Sulphated Polysaccharide Synthesis in Brown	LEICESTER UNIV. (ENGLAND), DEPT. OF GEOGRAPHY.
Lacustrine, Desert, and Shorezone (Bar-Beach- Dune-Chenier) Sedimentary Environments,	Algae,	Residual Currents in Relation to Shoreline Evolution of the East Anglian Coast,
W74-01940 7-04 2J	W74-01824 7-04 5C	W74-02720 7-06 2
LAVAL UNIV., QUEBEC. The Planktonic Association (Cladocera and	LEEDS UNIV. (ENGLAND). WELLCOME MARINE LAB.	LEIGH (W. AND J.) AND CO., BOLTON (ENGLAND).
Copepoda) of a Dimictic Lake of the Laurentides Park, Quebec, (In French), W74-01558 7-03 2H	Growth Rates of Sediment-Living Marine Protozoan as a Toxicity Indicator for Heavy Metals,	Effect of Chelation on Toxicity of Copper, W74-06048 7-12 50
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	W74-01529 7-03 5A	LEKANDERS INGENJORSBYRA A.B.,
Postglacial Permafrost Features in Eastern Canada,	The Combined Effect of High Salinity and	ALINGAS (SWEDEN).
W74-04358 7-09 2C	Temperature on the Survival of Young Liman-	The Pollution-Free Mill: Facts and Visions, W74-12408 7-23 5I
LAVAL UNIV., QUEBEC. DEPARTEMENT DES	da Limanda, W74-11314 7-21 5C	
VIVRES. Biological Treatment of Water Used in Potato	LEHIGH-NORTHAMPTON COUNTIES JOINT	LENINGRAD COMMUNAL AGRICULTURE ACADEMY RESEARCH INST. (USSR). Filter - For Clarifying Natural and Wast
Chip Manufacture, With Yeasts, (In French),	PLANNING COMMISSION, LEHIGH VALLEY, PA.	Waters,
W74-05944 7-11 5D	Water Supply and Sewage Facilities Plan Up-	W74-10348 7-19 5I
LAYNE AND BOWLER, INC., MEMPHIS, TENN.	date-1970. W74-01045 7-02 6B	LENINGRAD STATE PEDAGOGICAL INST. (USSR).
Well Grouting and Well Protection, W74-04164 7-08 8F	Water Pollution, Environmental Enhancement	Catalog of USSR Glaciers. Volume 14. Sovie
	Study, (4). W74-01852 7-04 5G	Central Asia. No. 2. Kirgizia. Part 2. Basins of Left-Bank Tributaries of the Chu Rive
LAYNE AND BOWLER, INC., MEMPHIS, TENN. LAYNE RESEARCH DIV.		Downstream from Mouth of the Komorche
Well and Pump Corrosion,	Water Supply and Sewage Facilities Plan Up- date-1970, Lehigh-Northampton Counties,	River (Katalog lednikov SSSR. Tom 14
W74-10837 7-20 8G	Pennsylvania.	Srednyava Aziya. Vypusk 2. Kirgiziya. Chast
LAYNE ASSOCIATES, MEMPHIS, TENN.	W74-02848 7-06 5D	Basseyny levykh pritokov r. Chu nizne usty r. Komorchek),
Corrosion Control Extends Life of Increasingly	4 Water Pollution, Environmental Enhance-	W74-11221 7-21 20
Expensive Water Wells, W74-10839 7-20 8G	ment Study.	LENINGRAD STATE UNIV. (USSR).
	W74-02856 7-06 5G	Remote Sensing of Water Pollution and
LBC AND W ASSOCIATES, COLUMBIA, S.C. Functional Water and Sewerage Plan and Program.	LEHIGH UNIV., BETHLEHEM, PA. DEPT. OF BIOLOGY.	Phytoplankton by Optical Method (Distantsionnoye obnaruzheniye zagryazneni
W74-01469 7-03 5D	Spartina alterniflora (Tall) Productivity in a Polluted New Jersey Estuary,	vodnykh basseynov i fitoplanktona op ticheskimi metodami),
LEE CONSERVANCY CATCHMENT BOARD	W74-01738 7-04 5C	W74-01966 7-04 5
(ENGLAND).	Infestation of the Copepod Acartia Tonsa with	Recent Sediments of the Pacific Ocean Off th
Sampling and Analysis of Chemical Pollutants in River Water.	the Stalked Ciliate Zoothamnium,	Coasts of Peru and Chile (Sovremennyye osad
W74-00773 7-02 5A	W74-08720 7-17 5C	ki Tikhogo okeana u beregov Peru i Chili), W74-03829 7-08 2
I PEDE HILL AND IEWETTING LOS	LEHIGH UNIV., BETHLEHEM, PA. DEPT. OF	
LEEDS, HILL AND JEWETT INC., LOS ANGELES, CALIF.	CIVIL ENGINEERING. Hydraulic Performance of Pennsylvania	Some Characteristics of Fluoride Migration i Groundwater of Moldavia (O nekotoryk
Mean Direction of Waves and of Wave Energy, W74-04328 7-09 2J	Highway Drainage Inlets Installed in Paved Channels,	osobennostyakh migratsii ftora v podzemnyk vodakh Moldavii),
LEEDS, HILL AND JEWETT, INC., SAN	W74-11009 7-21 8A	W74-05016 7-10 21
FRANCISCO, CALIF.	LEHIGH UNIV., BETHLEHEM, PA. DEPT. OF	Possible Cause of Formation of Horizonta
Steady State Flow in Rigid Networks of Frac- tures,	Price Responsiveness of the Industrial Demand	Hydrogeochemical Zonality of Groundwater i
W74-07521 7-14 2F	for Water,	Central Kazakhstan (O vozmozhnoy prichin
LEEDS UNIV. (ENGLAND). DEPT. OF CIVIL	W74-10597 7-20 6D	vozniknoveniya gorizontal'noy gidrogeol himicheskoy zonal'nosti podzemnykh vod
ENGINEERING.	LEHIGH UNIV., BETHLEHEM, PA. MARINE	Tsentral'nom Kazakhstane),
Quickclays as Products of Glacial Action: A	SCIENCE CENTER.	W74-05147 7-10 2
New Approach to Their Nature, Geology, Dis- tribution and Geotechnical Properties,	Sedimentation in a Meandering Estuary, W74-01177 7-03 2L	20-24 Year Cycle in the March of Atmospheri
W74-04590 7-09 2G		Precipitation and Its Relation to Air Circulatio
LEEDS UNIV. (ENGLAND). DEPT. OF	LEICESTER POLYTECHNIC (ENGLAND). SCHOOL OF BIOLOGY.	Patterns (Tsikl 20-24 goda v khode atmosfer nykh osadkov i yego svyza' s osobennostyan
INORGANIC AND STRUCTURAL CHEMISTRY.	Interactions Between DDT and River Fungi. II.	atmosfernoy tsirkulyatsii),
Studies with Dithizone. Part XXX. Complexes	Influence of Culture Conditions on the Com-	W74-05149 7-10 2
of Metals, with S-Methyldithizone and the Methylation of Metal Dithizonates,	patibility of Fungi and p,p'-DDT, W74-06123 7-12 5C	Seasonal Variability of Water Temperature i
W74-06122 7-12 5A		the Vicinity of the Japan Curren

Seasonal Variability of Water Temperature in the Vicinity of the Japan Current (Vnutrisezonnaya izmenchivost' temperatury vody v rayone Kurosio), W74-05150 7-10 2E

LEICESTER UNIV. (ENGLAND). BOTANY LAB.
The Recent Sediments of Windermere,
W74-12931 7-24 2J

Some Novel Complexes of Chromium(I),

W74-07946

7-15 5A

LENINGRAD STATE UNIV. (USSR).

Gray Forest Soils in the Sub-Ural Region		
(In Russian), W74-07004	7-13	2G

Seasonal Changes of Benthos Algae of the Higher Part of Vorskla River, (In Russian), 7-15 5C

LENINGRAD STATE UNIV. (USSR); AND VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT TSELLYULOZNO-BUMAZHNOI PROMYSHLENNOSTI, LENINGRAD (USSR).

Gas-Chromatographic Determination Hydrogen Sulfide in Aqueous Solutions (Gazokhromatograficheskoe opredelenie serovodoroda v vodnykh raztvorakh), W74-12962

LENINGRAD STATE UNIV. (USSR). BIOLOGICAL INST.

The Fine Structure of Amoeboaphelidium protococcarum Gromov et Mamkaeva--An Endoparasite of Green Alga Scenedesmus, 7-04 5C W74-01826

LENINGRADSKII MEDITSINSKII INSTITUT (I) (USSR).

Metabolism of Organophosphorus Compounds in Animals, W74-01790

LEWIS AND CLARK COLL., PORTLAND, OREG. NORTHWESTERN SCHOOL OF LAW.

Waste Discharge Permits: No Defense to Water Pollution Actions, W74-05764

LEXINGTON AND FAYETTE COUNTY PLANNING COMMISSION, LEXINGTON, KY.

A Growing Community: 1973 Update, (Lexington, Kentucky). W74-01484 7-03 5D

LIBRARY OF CONGRESS, WASHINGTON, D.C.

Introduction to Legal, Legislative and Regulatory Session of National Environmental Protection Symposium, W74-03048

LIBRARY OF CONGRESS, WASHINGTON, D.C. SCIENCE AND TECHNOLOGY DIV.

Referral Activities and Other Non-Bibliographic Information Services, W74-03047 7-06 10B

LIBYA UNIV., TRIPOLI.

Competitive Saprophytic Colonization by Fusarium oxysporum F. Sp. vasinfectum, W74-07011 7-13 3F

LIEGE UNIV. (BELGIUM). AQUARIUM LAB.

Age and Growth of the Chub Leuciscus cephalus (L.) in the Ourthe River and Berwine Creek, (In French). W74-01097 7-02 21

LIMNOLOGICHESKII INSTITUT, IRKUTSK (USSR).

Correlation of Organic Carbon with Different Kinds of Oxidizability in the Open Waters of Lake Baikal. W74-04256

Seasonal and Annual Phytoplankton Changes in Chivyrkuiskii Bay, Lake Baikal, (In Russian), W74-12160 7-23 5C

LINCOLN COLL. (NEW ZEALAND). DEPT. OF PLANT SCIENCE.

Water Relations of Wheat as Affected by Irrigation and Nitrogen Fertilization,

LINCOLNSHIRE RIVER AUTHORITY

(ENGLAND). WATER RESOURCES DEPT. Trent-Witham-Ancholme Scheme and Project of the Lincolnshire River Authority, W74-08882 7-17 6E

LINEN SUPPLY ASSOCIATION OF AMERICA. MIAMI BEACH, FL. AND INSTITUTE OF INDUSTRIAL LAUNDERERS WASHINGTON, DC

Modular Wastewater Treatment System Demonstration For The Textile Maintenance Industry. W74-07343

LINFIELD AND HUNTER, INC., VICKSBURG, MISS.

Treatment of Domestic Sewage at Offshore Locations. W74-03221 7-07 5D

LININGRAD STATE UNIV. (USSR).

Effect of Excess Moisture on Trace Element Distribution in Soils of Liningrad Oblast (O vliyanii izbytochnogo uvlazhneniya na raspredeleniye mickroelementov v pochvakh Leningradskoy oblasti), W74-05148

LITOVSKII NAUCHNO-ISSLEDOVATELSKII GEOLOGORAZVEDOCHNYI INSTITUT, VILNIUS (USSR).

Prospects of Groundwater Use in the Neman and Neris River Valleys (Perspektivy ispol'zovaniya podzemnykh vod rechnykh dolin Nyamunas i Neris). 7-21 4B W74-11447

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.

Priminary System Development, Chemical Hazards Response Information System (CHRIS). W74-01092 7-02 5B

Current Status of the Environmental and Human Safety Aspects of Nitrilotriacetic Acid W74-02394 7-05 5B

The movement and Impact of Pesticides Used for Vector Control on the Aquatic Environment in the Northeastern United States. W74-02948 7-06 5B

Economic Impact of Anticipated Paper Industry Pollution-Abatement Costs. Part III. Economic Analysis. W74-04078 7-08 5G

Economic Impact of Pollution Abatement on the Sulfite Segment of the U.S. Pulp and Paper Industry. W74-05277 7-10 5D

Preliminary System Development--Chemical Hazards Response Information System (CHRIS), Appendix VII--Supporting Information. W74-08181

Chemical Analysis of the Smoky-Burnt Odor Complex in Diesel Exhaust, W74-11005 7-21 5A

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS. PUBLIC AFFAIRS CENTER.

ASS. PUBLIC AFFAIRS CERTAINS Road Salt, Drinking Water and Safety,
7-18 4C

LIVERPOOL OBSERVATORY AND TIDAL INST., BIRKENHEAD (ENGLAND).

The Generation of Longshore Currents on a Plane Beach. W74-01208 7-03 2L

LIVERPOOL POLYTECHNIC (ENGLAND). DEPT. OF MECHANICAL, MARINE AND PRODUCTION ENGINEERING.

Theoretical Analysis of Forced Laminar Convection Heat Transfer in the Entrance Region of an Elliptic Duct, W74-02897 7-06 8B

LIVERPOOL UNIV. (ENGLAND). DEPT. OF BIOCHEMISTRY.

Mutations Arising During Transformation in the Blue-Green Alga Anacystis nidulans, W74-00234 7-01 5C

Metabolic Control and Autotrophic Physiology, W74-12564

Notes on Isolation and Laboratory Culture, Appendix B. W74-12589 7-23 SC

LIVERPOOL UNIV. (ENGLAND). DEPT. OF BOTANY.

Land Reclamation and River Pollution Problems in the Croal Valley Caused by Waste From Chromate Manufacture. 7-01 5C W74-00045

Aerial Pollution and the Rapid Evolution of Copper Tolerance, W74-07713 7-15 5B

LIVERPOOL UNIV. (ENGLAND). DEPT. OF CIVIL ENGINEERING.

Suspended Sediment in a Tidal Estuary, W74-03696 7-07 2L

Shear Velocity in a Tidal Estuary, W74-04629 7-09 2L

LIVERPOOL UNIV. (ENGLAND). DEPT. OF MARINE BIOLOGY.

Water Circulation and Nutrients in the North-West Irish Sea, 7-23 21. W74-12322

LIVERPOOL UNIV. (ENGLAND). DEPT. OF OCEANOGRAPHY.

Dispersion in Flow from a Continuous Source at Sea. 7-05 5B W74-02163

Chemical Evidence for the Dispersal of River Mersey Run-off in Liverpool Bay, W74-07674 7-15 5B

LIVERPOOL UNIV. (ENGLAND). DEPT. OF ZOOLOGY.

The Occurrence of Microturbellaria in Some British Lakes of Diverse Chemical Content, W74-03282

LIVINGSTON COLL., NEW BRUNSWICK, N.J. A Test of Alternative Models for Projecting

County Industrial Production at the 2, 3, and 4-County Industrial Production ...
Digit Standard Industrial Code Levels,
7-18 3E

LKB - PRODUKTER A.B., BROMMA (SWEDEN).

Molecule Separator, W74-10491

7-20 8A

LORAIN COUNTY REGIONAL PLANNING

LOCKHEED AIRCRAFT SERVICE CO.,

LOUISIANA STATE UNIV., BATON ROUGE.

Evaluation of Digestion Techniques for the

ONTARIO, CALIF.	COMMISSION, ELYRIA, OHIO.	AAS Determination of Metal Concentrations in
Electrochemical Flotation Concept for Removing		Kelp, W74-10986 7-21 5A
ing Oil from Water, W74-02634 7-05 5	I - Summary. W74-01046 7-02 5B	W74-10986 7-21 5A
	W/4-01040	The Determination of Benzidine in Waste-
LOCKHEED ELECTRONICS CO., INC.,	LOS ALAMOS SCIENTIFIC LAB., N. MEX.	waters,
HOUSTON, TEX. AEROSPACE SYSTEMS DIV	Another Rio Grande for New Mexico,	W74-10991 7-21 5A
Unsupervised Classification and Areal Me		LOS ANGELES DEPT. OF CITY PLANNING.
surement of Land and Water Coastal Feature on the Texas Coast,		CALIF.
W74-06706 7-13 2	A New Multiparameter Separator for Micro-	Open Space: Preliminary Plan.
177-00700	scopic rarucies and biological Cells,	W74-01849 7-04 6G
LOCKHEED ELECTRONICS CO., INC.,	W74-03313 7-07 7B	
HOUSTON, TEX. HOUSTON AEROSPACE	Ecodistribution of Plutonium in Liquid Waste	LOUGHBOROUGH UNIV. OF TECHNOLOGY
SYSTEMS DIV.	Dienosal Areas at Los Alamos	(ENGLAND). DEPT. OF CHEMISTRY.
Forest and Range Mapping in the Housto Area with ERTS-1 Data,	W74-04443 7-09 5B	Stability of Dilute Standard Solutions of An-
W74-01683 7-04 4		timony, Arsenic, Iron and Rhenium Used in
174-01003	Removal of Phosphates from wastewaters with	Colorimetry, W74-03842 7-08 2K
Significant Techniques in the Processing as	d Electro-Chemically Generated Gadolinium	W/4-03042
Interpretation of ERTS-1 Data,	Ions, W74-07271 7-14 5D	LOUGHBOROUGH UNIV. OF TECHNOLOGY
W74-06652 7-13 7	W14-0/2/1	(ENGLAND). GENESYS CENTRE.
LOCKWOOD, ANDREWS AND NEWNAM,	Transuranic Solid Waste Management	Developing a National Library of Programs
INC., HOUSTON, TEX.	Research Programs Quarterly Report, July-	Using Genesys,
Tidal Inlets for Preservation of Estuaries,	September 1973.	W74-12147 7-23 6A
W74-03342 7-07 2	W74-08963 7-17 5D	LOUISIANA ADVISORY COMMISSION ON
	Do 220 Incorporated in Fish Living in Water	COASTAL AND MARINE RESOURCES, BATON
LODZ UNIV. (POLAND). FACULTY OF	Pu-238 Incorporated in Fish Living in Water Containing PuO2/238.	ROUGE.
BIOLOGY AND EARTH SCIENCES. Structure of Fish Groupings in the Rivers as		Wetlands '73: Toward Coastal Zone Manage-
Streams of the River Nida Drainage Basin,	y W74-05007 7-15 5C	ment in Louisiana.
W74-07539 7-14	A Theoretical Study of Geothermal Energy Ex-	W74-01043 7-02 2L
111101000	traction,	
LOMAX AND ASSOCIATES, ALBUQUERQUE	W74-10087 7-19 4B	Lafayette Public Hearing Testimony.
N. MEX.	Destination of the Constitute of Westernia	W74-05785 7-11 2L
Eagle Nest Lake: Revised Appraisal.	Preliminary Study of The Quality of Water in	Lake Charles Public Hearing Testimony.
W74-03188 7-06	The Drainage Area of The Jemez River and Rio Guadalupe,	W74-05786 7-11 2L
LONDON SCHOOL OF ECONOMICS AND	W74-10658 7-20 5B	***************************************
POLITICAL SCIENCE (ENGLAND).	777-10030	Morgan City Public Hearing Testimony.
Accumulation on the Devon Island Ice Ca	, An Experimental Measurement of In Situ	W74-05997 7-12 6E
Northwest Territories, Canada,	Stress in Granite by Hydraulic Fracturing,	Louisiana Wetlands Prospectus.
W74-04325 7-09	C W74-10663 7-20 8E	W74-06003 7-12 2L
The Patrimonial Sea,	The Distribution of Plutonium in Liquid Wester	W /4-00003 /-12 2L
W74-10067 7-19	The Distribution of Plutonium in Liquid Waste Disposal Areas at Los Alamos,	Thibodaux Public Hearing Testimony.
W/4-1000/	W74-13117 7-24 5B	W74-09288 7-18 6E
LONDON UNIV. (ENGLAND). SCHOOL OF	W/4-1311/	
PHARMACY.	Transuranic Solid Waste Management	LOUISIANA STATE UNIV., BATON ROUGE.
Whistling Sand Beaches in the British Isles,	Research Programs - Quarterly Report, Oc-	Nitrate Reduction in Soils: Effect of Soil Moisture Tension.
W74-00104 7-01	tober-December 1973.	W74-01583 7-03 2G
LONG ISLAND JEWISH-HILLSIDE MEDICAL	W74-13120 7-24 5B	W 74-01383 7-03 2G
CENTER, NEW HYDE PARK, N.Y.	Ecological Considerations of Depleted Urani-	Thermal Stratification in Industrial Canals,
Clinical Laboratory Experience with the I	um Munitions,	W74-01594 7-03 2E
proved Enterotube,	W74-13122 7-24 5C	
W74-00655 7-02	A	Well Imaging and Fault Detection in Anisotrop-
LONG ICLAND LIGHTING GO MINEOLA	A Proposed Interim Standard for Plutonium in	ic Reservoirs,
LONG ISLAND LIGHTING CO., MINEOLA, N.Y. ENVIRONMENTAL ENGINEERING DEP	Soils,	W74-03168 7-06 8B
A Methodology for Power Plant Site Selecti		The Nature of the Seawater-Freshwater Inter-
at the Reconnaissance Level,		face During Breakup in the Colville River
W74-10602 7-20	G LOS ANGELES COUNTY SANITATION DISTRICT, CALIF.	Delta, Alaska,
	Summary Report: Pilot Plant Studies on De-	W74-04397 7-09 2C
LONG ISLAND UNIV., GREENVALE, N.Y.	watering Primary Digested Sludge,	Digital Control Algorithms. Part III. Tuning PI
GRADUATE DEPT. OF MARINE SCIENCE. Mercury Concentrations in Fish, Plankton, a	11/74 00700 7 07 ED	and PID Controllers,
Water from Three Western Atlantic Estuaries	a .	W74-06750 7-13 7C
W74-11715 7-22	A Regional Planning for Sewerage Systems,	7-13 /C
1-22 .	W74-02860 7-06 6A	The Deep Seabed Hard Mineral Resources Act-
LONG ISLAND UNIV., GREENVALE, N.Y.	Dawatasina Disasted Brimany Chidas	-A Negative View,
SCIENCE ENGINEERING RESEARCH GROU		W74-08658 7-16 6E
In Situ Spectroradiometric Quantification	of W74-09441 7-18 5D	Matheda for the Direct Description
ERTS Data,	LOS ANGELES COUNTY SANITATION	Methods for the Direct Determination of Heavy-Metal Pollutants in the Environment.
W74-06663 7-13	DISTRICTS, WHITTIER, CALIF, SAN JOSE	W74-10923 7-21 5A
An Interdisciplinary Study of the Estuarine a		7-21 3A
Coastal Oceanography of Block Island Sou		The Role of Oxygen in Nitrogen Loss from
and Adjacent New York Coastal Waters,	of Arsenic in Plant and Animal Tissues,	Flooded Soils,
W74-09602 7-18	B W74-10985 7-21 5A	W74-12290 7-23 2G

LOUISIANA STATE UNIV., BATON ROUGE. CENTER FOR WETLAND RESOURCES.

LOUISIANA STATE UNIV., BATON ROUGE. CENTER FOR WETLAND RESOURCES. The Microbial Degradation of Oil Pollutants,	LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF FOOD SCIENCE. Identification and Characterization of the	LOUISIANA STATE UNIV., NEW ORLEANS. DEPT. OF CHEMISTRY. The Determination of Lead and Nickel by
W74-08609 7-16 5B	Microflora and Spoilage Bacteria in Freshwater Crayfish Procambarus Clarkii (Girad),	Atomic-Absorption Spectrometry with a Flameless Wire Loop Atomizer,
LOUISIANA STATE UNIV., BATON ROUGE. COASTAL STUDIES INST.	W74-00620 7-02 5A	W74-01363 7-03 5A
Sand Movement in Relation to Beach Topography.	The Impact of Oil on Marshland Microbial Ecosystems.	Glass-Metal Composite Electrodes, W74-01512 7-03 2K
W74-00020 7-01 2	W74-08631 7-16 5C	LOUISIANA CTATE UNIV. NEW ORI PANC
Dynamics of Swash and Implication to Beach	LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF PETROLEUM ENGINEERING.	LOUISIANA STATE UNIV., NEW ORLEANS. DEPT. OF PHARMACOLOGY. Distribution of Dieldrin in the Turtle,
Response, W74-00032 7-01 2		W74-06124 7-12 5A
	Fresh Water,	LOUISIANA TECH. UNIV., RUSTON, DEPT. OF
Beach Cusps, W74-01180 7-03 2.	W74-03224 7-07 5E	AGRICULTURAL ENGINEERING.
W/4-01160	Effect of Formation Dip on the Movement of	Groundwater Pollution by Agriculture,
South American Marine Energy, W74-01181 7-03 8A	Fresh Water Stored in Saline Aquifers, W74-03336 7-07 4B	W74-09595 7-18 5E LOUISIANA WATER RESOURCES RESEARCH
Recent Coastal Sedimentation: Central Loui	The Effect of Flux and Gravitational Forces on	INST., BATON ROUGE.
siana Coast,	Miscible Displacement in a Thin Homogeneous	Enrichment of Marsh Habitats with Organic
W74-03345 7-07 2I		Wastes,
Seasonal Variations in Beach Profiles Along	W74-03896 7-08 2F	W74-03337 7-07 5D
the Outer Banks of North Carolina,	LOUISIANA STATE UNIV., BATON ROUGE.	LOUISIANA WILD LIFE AND FISHERIES
W74-03446 7-07 2		COMMISSION, NEW ORLEANS.
Topographic Changes in the Surf Zone Profile,	A Parametric Study of Water Resource Varia- bles in a Delta Region of South Loui-	A Study of Commercially Important Estuarine Dependent Industrial Fishes,
W74-03609 7-07 2		W74-02839 7-06 60
Longshore Currents and Nearshore Topogra	W74-08289 7-16 5B	Ecological Factors Affecting Anadromous
phies, W74-03627 7-07 21	LOUISIANA STATE UNIV., BATON ROUGE.	Fishes of Lake Ponchartrain and Its Tributa ries,
W 14-03021	LAW SCHOOL.	W74-07993 7-15 2H
Measurements of Beach Process Variables	Segui Literatura i i apresi di l'iditatica deconon	LOUISIANA WILD LIFE AND FISHERIES
Outer Banks, North Carolina, W74-04205 7-08 2	Summary,	COMMISSION, NEW ORLEANS. DIV. OF
W 74-04203	W74-05649 7-11 6E	OYSTERS, WATER BOTTOMS AND
Collective Movement of Sediment in Littora		SEAFOODS.
Environment, W74-04621 7-09 2	ment riogiamo: Diates in the rimaria io.	Experiments to Re-establish Historical Oyste Seed Grounds and to Control the Southern
Simulation of Horizontal Turbulent Diffusion	Southeast Region, W74-06991 7-13 6E	Oyster Drill, W74-07982 7-15 8
of Particles Under Waves,		
W74-04624 7-09 2	I LOUISIANA STATE UNIV., BATON ROUGE. SCHOOL OF FORESTRY AND WILDLIFE	LOUISVILLE UNIV., KENTUCKY. DEPT. OF CIVIL ENGINEERING.
Selected Bibliography on Beach Features an	MANAGEMENT.	Geologic Aspects of Landfill Refuse Disposal,
Related Nearshore Processes. W74-04728 7-09 2	The Effects of Hurricane Camille on the	W74-09375 7-18 5I
W /4-04/28 /-09 2	Marshes of the Mississippi River Delta, W74-04875 7-10 2L	LOUISVILLE UNIV., KENTUCKY. SCHOOL OF
Three-Dimensional Flow and Sediment Trans	W/4-048/3	MEDICINE.
port at River Mouths, W74-09946 7-19 2	LOUISIANA STATE UNIV., BATON ROUGE.	Use of Histologic and Histochemical Assess
W /4-09940 /-19 2/	SCHOOL OF GEOSCIENCE. Geochemical Hydrology of the Baton Rouge	ments in the Prognosis of the Effects o Aquatic Pollutants,
Standing Waves on Beaches,	Aquifers.	W74-12187 7-23 5/
W74-13006 7-24 2	W74-03335 7-07 4B	LOUISVILLE HAIV DV DEBT OF
LOUISIANA STATE UNIV., BATON ROUGE.	LOUISIANA STATE UNIV., BATON ROUGE.	LOUISVILLE UNIV., KY. DEPT. OF ANATOMY.
DEPT. OF AGRONOMY.	SEA GRANT LEGAL PROGRAM.	Renal Tubular Morphology in the Channel Cat
Transformation of Iron in a Waterlogged So as Influenced by Redox Potential and pH,	Louisiana Moves Toward Coastar Zone	fish (Ictalurus punctatus) Kidney,
W74-06934 7-13 5	Management. W74-08537 7-16 6E	W74-10318 7-19 50
		LOUISVILLE UNIV., KY. DEPT. OF
LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF CHEMICAL ENGINEERING.	LOUISIANA STATE UNIV., BATON ROUGE. WATER RESOURCES RESEARCH INST.	ANATOMY; AND LOUISVILLE UNIV., KY. WATER RESOURCES LAB.
Isotope Effect and the Molecular Mechanism		Enzyme and Tissue Alterations in Fishes:
of the Second Viscosity Coefficient of Water, W74-00770 7-02 1	fluents in Open Channels,	Measure of Water Quality,
	W74-07833 7-15 5B	W74-05540 7-11 50
LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF CHEMISTRY.	LOUISIANA STATE UNIV., NEW ORELEANS. Chemical Quality of Surface and Sediment	LOUVAIN UNIV. (BELGIUM). DEPT. OF SOIL SCIENCE.
The Determination of Cadmium by Atomic Al		Adsorption of Fenuron and Monuro
sorption in Air, Water, Sea Water and Urin with a R.F. Carbon Bed Atomizer,		(Substituted Ureas) by Two Montmorillonit
W74-01441 7-03 5.	W74-02825 7-06 5A	Clays, W74-07627 7-15 5
	LOUISIANA STATE UNIV., NEW ORLEANS.	
LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF CIVIL ENGINEERING.	DEPT. OF BIOLOGICAL SCIENCES. Electrophoretic and Immunological Analyses of	LOUVAIN UNIV. (BELGIUM). PUBLIC HEALTH LAB.
The Strange World of Miscible Displacement,	Seven Chlorosarcinacean Algae,	Effects of Road Salt in Winter,
W74-10664 7-20 5	B W74-01426 7-03 5A	W74-10460 7-20 4

7-20 4C

MAGYAR TUDOMANYOS AKADEMIA, TIHANY. BIOLOGICAL RESEARCH INST.

LOUVAIN UNIV. (BELGIUM). UNITE D	E
TOXICOLOGIE INDUSTRIELLE ET	
MEDICALE.	

Occupational Exposure to Mercury Vapors and Biological Action, 7-18 5C W74-09793

LOVELACE CLINIC., ALBUQUERQUE, N.

Influence of Various Initial Moisture Contents on Decay of Sitka Spruce and Sweetgum Sapwood by Polyporus Versicolor in the Soil-Block Test. 7-12 21 W74-06487

LOWRANCE ELECTRONICS, INC., TULSA, OKLA. (ASSIGNEE).

Oxygen Analyzer,

W74-05909 7-11 5A

LOYOLA UNIV., LOS ANGELES, CALIF.

Multi-Dimensional Aspects of Eddy Diffusion Determined by Dye Diffusion Experiments in Coastal Waters (Summary), W74-04322

Optimal Timing and Sizing of a Conjunctive Urban Water Supply and Waste Water System with Nonlinear Programming, W74-08010 7-15 5D

LUCKNOW UNIV. (INDIA). DEPT. OF ZOOLOGY.

Studies on Trematode Parasites of Luckow (India): I. W74-09530 7-18 2I

On a New Trematode (Eucreadium Gangi H. SP.) From a Fresh-Water Fish Trichogaster Fasciatus Bloch and Schneider,

LUHDORFF (E.E.) CO., WOODLAND, CALIF. Protecting Ground Water Quality--Some Problems and Solutions,

W74-06946 7-13 SR

LUND INST. OF TECH. (SWEDEN).

Urbanization: A Hydrological Headache, W74-04642 7-09 4C

LUND INST. OF TECH. (SWEDEN), DEPT. OF BUILDING TECHNOLOGY.

Similitude Requirements for Moisture Flow Through the Porous Materials. W74-12816 7-24 2G

LUND UNIV., (SWEDEN).

Selectrode - the Universal Ion-Selective Electrode. Part VII. A Valinomycin-Based Potassium Electrode with Nonporous Polymer Membrane and Solid-State Inner Reference System, W74-06765 7-13 5A

LUND UNIV. (SWEDEN). DEPT. OF ANIMAL ECOLOGY.

A Simplified Clean-Up Technique for Organochlorine Residues at the Microliter Level, 7-01 5A

LUND UNIV. (SWEDEN), DEPT. OF PHYSICAL GEOGRAPHY.

Some Calculations of the Denudation Rate in a Dolomitic Limestone Area at Isfjord-Radio, West-Spitzbergen, W74-03514 7-07 2J

LUND UNIV. (SWEDEN). DEPT. OF PLANT PHYSIOLOGY

The Effect of Inorganic Nutrients on Water Economy and Hardiness of Conifers: I. The Effect of Varying Potassium, Calcium and Magnesium Levels on Water Content, Transpiration Rate and the Initial Phase of Development of Frost Hardiness of Pinus silvestris L. Seedlings. W74-11648

LUND UNIV. (SWEDEN). LIMNOLOGICAL INST.

Swedish Lake Restoration Program Gets Results. W74-01262 7-03 5G

A Microbenthos Study of Rotatoria, W74-02893 7-06 2H

LURGI APPARATE-TECHNIK G.M.B.H.,

FRANKFURT AM MAIN (WEST GERMANY). Modern Waste Water Treatment and Processing Techniques in the Paper and Board Industry (Moderne Abwasseraufbereitungs-und Verfahrenstechnik in der Papier- und Kartonindustrie). W74-04517 7-09 SD

LYON-1 UNIV., VILLEURBANNE (FRANCE). LABORATOIRE DE BIOLOGIE ANIMAUX ET D'ECOLOGIE.

Toxicity of an Algal Complex on Freshwater Fauna: 1. Action on Some Benthic Animals and Fishes. (in French), W74-08108 7-15 SC

LYON-1 UNIV., VILLEURBANNE (FRANCE). UNITE D'ENSEIGNEMENT ET DE RECHERCHE SCIENCES PHARMACIE.

A Diseased Trout: Microbiological Study of Its A Diseased Trout: Microbiological Principal Organs and Its Environment,
7-03 5C

MACAULAY INST. FOR SOIL RESEARCH, ABERDEEN (SCOTLAND).

Effect of Water-Table Height on Root Development of Pinus contorta on Deep Peat in Scotland, W74-05617

MACDONALD COLL., MONTREAL (QUEBEC). Soil Type, Moisture, Temperature and the Longevity of a Nematode Species of the Genus Tylenchorhynchus in the Absence of Plants, 7-06 21

W74-02719 MACDONALD COLL., STE. ANNE DE

BELLEVUE (QUEBEC). DEPT. OF MICROBIOLOGY.

Dissociation in a Marine Pseudomonad, W74-03566 7-07 5A

MACDONALD COLL., STE. ANNE DE BELLEVUE (QUEBEC). GENETICS LAB.

A Useful Spray Reagent to Differentiate Common Phenolic Compounds on Thin-Layer Plates and Paper Chromatograms, W74-05460

MACKENZIE VALLEY PIPELINE RESEARCH LTD., CALGARY (ALBERTA).

Effects of Ground-Ice Variability and Resulting Thaw Settlements on Buried Warm-Oil Pipelines, W74-04422

Performance of a Warm-Oil Pipeline Buried in Permafrost. W74-04423 7-09 8D

MACLAREN (JAMES F.) LTD., WILLOWDALE (ONTARIO).

To Establish Viable Methods of Maintaining Waste Treatment Facility Efficiencies with Reference to Flow Variations. W74-08398 7-16 5D To Establish Viable Methods of Maintaining Waste Treatment Facility Efficiencies with Reference to Flow Variations, W74-10046

MACLAREN (JAMES F.) WILLOWDALE (ONTARIO).

Control of Sea Water Intrusion by Saltwater Pumping--A Mathematical model, W74-12102 7-23 5G

MACMILLAN BLOEDEL LTD., POWELL RIVER (BRITISH COLUMBIA). POWELL RIVER DIV.

Biological Surveys: Intent, Methodology, Interpretation, W74-03086 7-06 SC

MACON-BIBB COUNTY PLANNING AND ZONING COMMISSION, MACON, GA.

Natural Concern: An Ecological Analysis of Bibb County. W74-01848 7-04 6G

MACOUARIE UNIV., NORTH RYDE (AUSTRALIA).

Churchill Falls--The Costs and Benefits of a Hydro-Electric Development Project, W74-09562

Urban Water Supply Catchments: Some Illustrations of Resource Allocation and Conflict Regulation, W74-11684 7-22 6B

MACQUARIE UNIV., NORTH RYDE (AUSTRALIA). SCHOOL OF EARTH SCIENCES.

Leaf Temperatures, Diffusion Resistances, and Transpiration, W74-01254

A Numerical Classification of Selected Landslides of the Debris Slide-Avalanche-Flow Type. W74-04591

MADHYA PRADESH GOVERNMENT CONTROL BOARD FOR MAJOR PROJECTS. BHOPAL (INDIA).

Guidelines for Transfer of Practice to Applications for Optimum on Planning of Key Items of Water Resource Projects. W74-00220 7-01 10A

MADRAS UNIV., GUINDY (INDIA). DEPT. OF HYDRAULICS AND WATER RESOURCES.

Velocity Control with New Proportional Weirs, W74-13323 7-24 5D

MADRAS UNIV. (INDIA). BOTANY LAB.

Status of Classical Taxonomy, W74-12584 7-23 5C

MAGNITOGORSKII GORNO-METALLURGICHESKII INSTITUT (USSR).

Ion Load and Carbonate Equilibrium in the Troitsk Reservoir (Akkumulyatsiya ionnogo stoka i karbonatnoye ravnovesiye v Troitskom vodokhranilishche), W74-03532 7-07 2H

MAGYAR TUDOMANYOS AKADEMIA, TIHANY. BIOLOGICAL RESEARCH INST.

Electron Microscopic Investigation of Natural Bacterial Populations in the Water and Sediment of Lake Balaton and Lake Belso, W74-02725

A Possible Explanation for the Differences in the Fatty Acid Composition of Fresh-Water and Marine Fishes, W74-04688 7-09 SC

Distribution of Organic Mat	ter and Bacteria in	MAINE DEPT. OF INLAND FISHERIES AND	Spuren von Insecticiden
the Upper Layer of Botton		GAME, AUGUSTA.	Polyathylen),
Balaton.	. Doposii or issue	Population Dynamics of Hatchery-Reared	W74-00259
W74-04839	7-09 5B	Landlocked Salmon, Salmo Salar, at Schoodic Lake, Maine,	MAINZ UNIV. (WEST GERMA!
The Occurrence of Rhizoch	rysis limnetica G.	W74-13488 7-24 2H	INSTITUT.
M. Smith in the Plankton of	Lake Balaton,		Noxious Substances Containe
W74-06337	7-12 2H	MAINE DEPT. OF INLAND FISHERIES AND GAME, BANGOR.	Their Origin, Bearing, and T (In German),
Studies on the Photosynth		Further Studies of Fish Predation on Salmon	W74-00065
Their Decomposition in the Balaton and Lake Belso,	Sediment of Lake	Stocked in Maine Lakes, W74-01603 7-03 2H	On the Problem of Emerge Drinking-Water by Way of
W74-06741	7-13 5C	Spring Food of Chain Pickerel (Esox niger) in	German), W74-00472
Horizontal Phytoplankton	Studies in Lake	Maine Lakes,	W 74-00472
Balaton Based on Scooped trates Taken in 1967.	Samples and Fil-	W74-07032 7-13 2H	Thin-Layer and Gas-Chroma mination of Phenols Present i
W74-06756	7-13 5C	MAINE DEPT. OF INLAND FISHERIES AND	man).
		GAME, MACHIAS. Relative Recoveries of Hatchery-Reared	W74-04684
Some Methodical Observati		Landlocked Salmon Planted at Different Ages	MANUAL CONTROL OF THE ANDREWS
Antibiotics for Preparing I	Bacteria-Free Algal	at Schoodic Lake, Maine,	MAINZ UNIV. (WEST GERMAI FUER ANORGANISCHE CHEM
Cultures, W74-08724	7-17 5C	W74-06865 7-13 8I	KERNCHEMIE.
		MAINE DEPT. OF SEA SHORE FISHERIES,	Separation and Gas-Chroma
MAGYAR TUDOMANYOS AF		AUGUSTA.	mination of Traces of Fluor und gas-chromatographische
VESZPREM. RESEARCH GRO PETROCHEMISTRY.	OUP FOR	Fluctuations in Gulf of Maine Sea Temperature	Fluoridspuren),
Petrochemical Analytical I	Problems, II. Gas-	and Specific Molluscan Abundance,	W74-02431
Liquid Chromatographic-M		W74-08145 7-15 2I	MARINE BECEARCH CTATION
Investigation of Industrial D	odecylbenzenes,	MAINE UNIV., ORONO.	MAIZE RESEARCH STATION, (INDIA).
W74-00250	7-01 5A	The Maine Deep Pit Cage Laying House,	Encouraging Residual Effect
MAIN GEOPHYSICAL OBSE	RVATORY.	W74-10144 7-19 5D	Wheat with One Irrigation,
LENINGRAD (USSR).		MAINE UNIV., ORONO. DEPT. OF BOTANY;	W74-06496
Estimation of the Backgro	und Contamination	MAINE UNIV., ORONO. DEPT. OF	MAKERERE UNIV., KAMPAL
of the Atmosphere From t	he Chemical Com-	OCEANOGRAPHY; AND MAINE UNIV.,	DEPT. OF PHYSICS.
position of Precipitation,		ORONO. DEPT. OF ZOOLOGY.	Geothermal Production of
W74-01769	7-04 5A	An Investigation of the Effects of DDT and Other Chlorinated Hydrocarbons on the	and Certain Minerals,
Climatic Description of De	w in the European	Growth of Euryhaline Microalgae,	W74-09041
USSR,		W74-05407 7-11 5C	MAKERERE UNIV., KAMPAL
W74-05839	7-11 2B	MAINE UNIV., ORONO. DEPT. OF CHEMICAL	DEPT. OF ZOOLOGY. Benthic Fauna of a Tropical
Amount of Dew in the US	SR, According to a	ENGINEERING.	(Volta Lake, Ghana 1965-1966
Dew Recorder,		A Predictive Model for Sludge Characterization	W74-04636
W74-05840	7-11 2B	Useful to Design and Control of Sludge De-	MALAYA UNIV., KUALA LUM
Site Evaluation According	to Soil Moisture	watering Processes in Water Recycle Systems, W74-10528 7-20 5D	(MALAYSIA). DEPT. OF GEO
Content and ecessary Impro		W 14-10320	Interception Loss in the Hum
the USSR,		MAINE UNIV., ORONO. DEPT. OF CIVIL	(With Special Reference
W74-05841	7-11 2G	ENGINEERING. Inactivation of Poliovirus in Water by Ozona-	Catchment, West Malaysia), W74-07015
Problem of Determining F	recipitation Falling	tion,	MALAYSIA DEPT. OF WATER
on Mountain Slopes,		W74-06156 7-12 5D	KUALA LUMPUR.
W74-05843	7-11 2B	MAINE UNIV., ORONO. DEPT. OF PHYSICS.	Difficulties in Planning Wate
Estimate of the Accuracy	of Determination of	A Radioactive Isotopic Characterization of the	in West Malaysia,
Snow Cover Characteristics		Environment Near Wiscasset, Maine: A	W74-08462
tions on the Rationalization		Preoperational Survey in the Vicinity of the	MALCOLM PIRNIE, INC., PA
surement Network, W74-05844	7-11 2C	Maine Yankee Atomic Power Plant, W74-06855 7-13 5A	Water-Treatment-Plant Wast W74-13284
			11 /4-13404

MAINE UNIV., ORONO. DEPT. OF POLITICAL SCIENCE. Political and Environmental Attitudes of Voters

(Rayonirovaniye territorii SSSR po snegovoy nagruzke na gorizontal'nuyu poverkhnost'), 7-19 2C

7-18 5C

7-24 7B

and Public Officials Related to Alternative Levels of Water Quality and Correlative Levels of Management of the Penobscot River, 7-07 5G W74-03323

MAINE UNIV., WALPOLE. DEPT. OF OCEANOGRAPHY.

Dissolved Pollution Product Gases in Natural Waters, W74-01786 7-04 5B

MAINZ UNIV. (WEST GERMANY).

Adsorption of Traces of Insecticides from Water on Polyethylene, (Adsorption von aus Wasser an 7-01 5A

NY). HYGIENE

ed in the Waters: heir Elimination, 7-01 5B

ency-Supply with Seitz-Filter, (In 7-01 5F

atographic Deterin Water, (In Ger-7-09 5A

NY). INSTITUT MIE UND

atographic Deterride, (Abtrennung Bestimmung von 7-05 5A

CHHINDWARA

of Phosphorus on 7-12 3F

A (UGANDA).

Electrical Energy 7-17 2F

A (UGANDA).

Man-Made Lake 8). 7-09 2H

APUR GRAPHY.

nid Forested Areas to Sungai Lui 7-13 2D

R SUPPLY,

r Supply Schemes 7-16 6B

RAMUS, N.J.

es Disposal-Part 1, 7-24 5F

MALCOLM PIRNIE, INC., WHITE PLAINS, N.Y.

Remote Control is Coming, W74-04153 7-08 8C

Major Wastewater Treatment Plant to be Upgraded, W74-07761 7-15 5D

MALE (C. T.) ASSOCIATES, SCHENECTADY,

Small Town Gets an Efficient Waste System, W74-10466

7-10 5G

MALOY LABS., INC., SPRINGFIELD, VA. Oil Recovery System Using Sorbent Material,

W74-04985

OR-142

W74-10264

ORONO.

Maine,

W74-09462

W74-12967

An Improved Snow Study Kit,

Division of the USSR Into Zones Based on

Snow Loads on a Horizontal Surface

The Effects of Water Flow Manipulation

Below the Hydroelectric Power Dam on the

Bottom Fauna of the Upper Kennebec River,

MAINE COOPERATIVE FISHERY UNIT.

MARYLAND DEPT. OF NATURAL RESOURCES, ANNAPOLIS. WATER RESOURCES

MANHATTAN COLL., BRONX, N.Y. DEPT. OF	MARICOPA COUNTY PLANNING AND	MARIST COLL., POUGHKEEPSIE, N.Y.
CIVIL ENGINEERING.	ZONING DEPT., PHOENIX, ARIZ.	ENVIRONMENTAL SCIENCE PROGRAM.
Dynamic Water Quality Forecasting and	A Report Upon West Central Maricopa Coun-	The Acute Toxicity of Some Heavy Metal Ions
Management, W74-00927 7-02 5C	ty, Arizona: Volume I, A Study of Physical Environmental Factors as a Basis for Land Use	toward Benthic Organisms, W74-06035 7-12 5C
MANHATTAN COLL., BRONX, N.Y.	Planning. W74-00746 7-02 3D	Toxicity Study of Two Oil Spill Reagents
ENVIRONMENTAL ENGINEERING AND	W 14-00/40 1-02 3D	Toward Hudson River Fish Species,
SCIENCE PROGRAM.	MARINE BIOLOGICAL ASSOCIATION OF	W74-11344 7-21 5C
Mathematical Modeling of Eutrophication of	THE UNITED KINGDOM, PLYMOUTH	
Large Lakes, W74-03537 7-07 5C	(ENGLAND).	MARITIME ADMINISTRATION,
W14-03331	The Growth Kinetics of Isochrysis Galbana in Cultures Containing Sublethal Concentrations	WASHINGTON, D.C. OFFICE OF RESEARCH AND DEVELOPMENT.
MANITOBA HYDRO.	of Mercuric Chloride,	Research and Development on Prevention of
Flow Characteristics of the Outlet Channels of	W74-11340 7-21 5C	Pollution of the Seas by Oil and Other Pollu-
Lake Winnipeg for Natural and Regulated Con- ditions,		tants,
W74-12091 7-23 8B	MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, PLYMOUTH	W74-10774 7-20 5G
	(ENGLAND). PLYMOUTH LAB.	MARITIME ADMINISTRATION,
MANITOBA UNIV., WINNEPEG. AGASSIZ	Brown Seaweed as an Indicator of Heavy	WASHINGTON, D.C., OFFICE OF SHIP
CENTRE FOR WATER STUDIES. Urban Impacts of Rural Resource Development	Metals in Estuaries in South-West England,	CONSTRUCTION.
Expenditures in the Interlake Area of	W74-03301 7-07 5C	Maritime Administration Pollution Abatement
Manitoba,	The Ion-Association Model and the Buffer	Program,
W74-07068 7-14 6B	Capacity of the Carbon Dioxide System in Sea-	W74-10770 7-20 5G
A Framework for Economic Planning of	water at 25 C and 1 Atmosphere Total Pres-	MARITIMES FOREST RESEARCH CENTER,
Watershed Drainage,	sure,	FREDERICTON (NEW BRUNSWICK).
W74-07069 7-14 4A	W74-09895 7-19 2K	Arceuthobium pusillum: Moisture Require- ments for Germination and Radicle Growth,
Public Investment Criteria: Application to a		W74-02088 7-04 2I
Project in the Souris River Basin,	sicolor to Estuarine Sediments Containing High	
W74-07070 7-14 6B	Concentrations of Zinc and Cadmium, W74-11337 7-21 5C	MARLEY CO., KANSAS CITY, MO.
MANITOBA UNIV., WINNIPEG. DEPT. OF	W74-11337 7-21 5C	(ASSIGNEE).
CHEMISTRY.	Adaptation of the Polychaete Nereis Diver-	Hyperbolic Cross Flow Cooling Tower with
The Extraction of Mercury From Aqueous		Basins and Fill Integrated into Shell, W74-03668 7-07 5D
Solution with Sulfide-Treated Polyurethane	W74-11338 7-21 5C	W/4-03008 /-0/ 3D
Foam,	Qualitative Studies on the Metabolism of	MARTIN MARIETTA CORP., DENVER, COLO.
W74-00459 7-01 5A	Napthalene in Maia Squinado (Herbst),	Water Recovery and Solid Waste Processing
MANITOBA UNIV., WINNIPEG. DEPT. OF	W74-11339 7-21 5C	for Aerospace and Domestic Applications.
CIVIL ENGINEERING.		W74-04053 7-08 5D
Predicting Depth-Discharge Relationships for		MARTIN MARIETTA LABS., BALTIMORE,
Sand-Bed Rivers, W74-12093 7-23 4A	(SCOTLAND). Some Chemical Considerations in the Design of	MD.
W 14-12093 1-23 4A	Synthetic Culture Media for Marine Algae,	Absence of Oxygen-Evolving Capacity in Dark-
MANITOBA UNIV., WINNIPEG. DEPT. OF	W74-08722 7-17 5C	Grown Chlorella: The Photoactivation of Ox-
MICROBIOLOGY.		ygen-Evolving Centers,
Heterotrophic Utilization of Sucrose in an Ar-		W74-06544 7-13 5C
tificially Enriched Lake, W74-04781 7-09 5C	ISLE OF MAN (ENGLAND). Behavioral Responses to Changes in Hydro-	MARTIN (R. J.) AND V. O. SHUMAKER-JOINT
W/4-04/81	static Pressure and Light During Larval	VENTURE, VESTAL, N.Y.
MANITOBA UNIV., WINNIPEG. DEPT. OF	Development of the Lobster Homarus Gam-	Development of Water FacilitiesBroome
ZOOLOGY.	тапія.	County, 1967-2017.
Distribution and Morphological Variation of		W74-05232 7-10 6B
Lampsilis radiata (Pelecypoda, Unionidae) in Some Central Canadian Lakes: A Multivariate		MARYLAND DEPT. OF HEALTH AND
Statistical Approach,	NOVO (INDIA).	MENTAL HYGIENE, BALTIMORE, LABS, AND
W74-01608 7-03 2H	Studies on Phytoplankton Pigments in Porto	RESEARCH ADMINISTRATION.
No. Combalding to 2	Novo Waters (India) II Backwater	Survival of Vibrio Parahaemolyticus in Oyster
New Complexities in Zoogeography and Tax- onomy of the Pygmy Whitefish (Prosopium		Shellstock at Two Different Storage Tempera-
coulteri),		tures,
W74-06498 7-12 2H	MARINE LAB., ABERDEEN (SCOTLAND). Occurrence of Eubothrium crassum (Bloch,	W74-00616 7-02 5C
	1779) (Cestoda: - Pseudophyllidea) in Brown	MARYLAND DEPT. OF NATURAL
MANNESMANN A.G., DUESSELDORF (WEST GERMANY). (ASSIGNEE)	Trout Salmo Trutta L., and Rainbow Trout S.	RESOURCES, ANNAPOLIS.
Method and Equipment for Desalination of		Molluscan Mortality Studies,
Liquids,	Reservoir, Essex,	W74-07995 7-15 8I
W74-08038 7-15 3A	W74-02091 7-04 2H	Power Plant Siting Program,
MANSFIELD SEWAGE WORKS (ENGLAND).	Pollution Studies in the Clyde Sea Area,	W74-10783 7-20 5G
The Effect of Surplus Activated Sludge in		7-20 30
Filter Press Performance,		MARYLAND DEPT. OF NATURAL
W74-11248 7-21 5D		RESOURCES, ANNAPOLIS. WATER
MARATHON OH CO. PRIVING COLC	(ASSIGNEE).	RESOURCES ADMINISTRATION.
MARATHON OIL CO., DENVER, COLO. Wellbore Effects in Injection Well Testing.	Water Circulation System for Fresh Water Fish Husbandry,	An Overview of Maryland's Sediment Control Program,
W74-10091 7-19 8G		W74-02852 7-06 5G
, ,, ,		

MARYLAND UNIV., COLLEGE PARK. DEPT.

OF CHEMISTRY.

MARYLAND UNIV., SOLOMONS. NATURAL RESOURCES INST.

MARYLAND DEPT. OF RESEARCH AND EDUCATION, SOLOMONS. CHESAPEAKE

MARYLAND DEPT. OF RESEARCH AND EDUCATION, SOLOMONS. CHESAPEAKE

The Effects of the Maryland Hy		Biochemistry of Estuarine Ecosystem with Emphasis on Heavy Metals and Shellfish,	W74-00912 7-02 2L
Dredge on Populations of the Soft	-Shell Clam,	W74-01108 7-03 50	Polychaetes of the Chesapeake Bay,
'Mya Arenaria,' W74-07994	7-15 8I	Coulometric Determination of Iron(II)-1,10 Phenanthroline with Cerium(IV),	
MARYLAND GEOLOGICAL SURVI	EY,	W74-04867 7-10 5A	
BALTIMORE.			W74-00914 7-02 2L
Response and Recovery of Watershed from Tropical Storm		Intercomparison of Several Types of Cascad Impactors,	Amphibians of the Chesapeake Bay Region,
1972, W74-04805	7-09 2J	W74-11008 7-21 5/	W/4-0091/ /-02 ZL
Chemical Weathering of Serpen		MARYLAND UNIV., COLLEGE PARK. DEPT. OF CIVIL ENGINEERING.	Reptiles of the Chesapeake Bay Region, W74-00918 7-02 2L
Eastern Piedmont of Maryland, W74-05729	7-11 2J	Mechanism of Organic Adsorption on Activated Carbon,	Current Status of Knowledge Concerning the
		W74-00565 7-02 51	Cause and Biological Effects of Eutrophication
Seasonal Changes of Littoral To Beach Width and Resulting Effective		Investigations of the Response of an Uncon	in Chesapeake Bay, W74-00921 7-02 2L
tive Structures,		fined Aquifer to Localized Recharge,	
W74-06664	7-13 2L	W74-08234 7-16 2	tions in Body Meat of the Blue Crab, Cal-
Recognition of Beach and Nears tional Features of Chesapeake Bay		A Sensitivity and Error Analysis of Procedure Used for Estimating Evaporation,	s linectes sapidus, W74-02409 7-05 5A
W74-06665	7-13 2L	W74-09201 7-17 21	
MARYLAND UNIV., COLLEGE PA	RK.	The Determination of Zones of Intense Cor	Standing Crop of Salt Marshes Surrounding Chincoteague Bay, Maryland-Virginia,
Well Efficiency and Skin Effect, W74-00945	7-02 8G	tribution to Stream Flow as Related to the Corcept of Partial Area Contributions,	
Eighth Annual Report, Program A	ctivities, July	W74-10904 7-21 2	Mortality of Market-Sized Oysters (Crassostrea Virginica) in the Vicinity of a Dredging Opera-
1, 1971-Jun 30, 1972. W74-07332	7-14 9D	MARYLAND UNIV., COLLEGE PARK. DEPT. OF MICROBIOLOGY.	tion, W74-03305 7-07 5C
MARYLAND UNIV., COLLEGE PA	DK DEPT	Biodegradation of Phenylmercuric Acetate b	у
OF AGRICULTURAL AND EXTENSEDUCATION.		Mercury-Resistant Bacteria, W74-01555 7-03 5	The Role of Organic Debris and Associated
Investigation of the Public and Pri	vate Interests	Microbial Ecology and the Problem of Petrole	
in the Chesapeake Bay Area, W74-03332	7-07 6B	um Degradation in Chesapeake Bay,	MARCON AND WANGER OF AGAINGTON OF
		W74-08628 7-16 5	INC., AMARILLO, TEX.
MARYLAND UNIV., COLLEGE PA OF AGRONOMY.	RK. DEPT.	MARYLAND UNIV., COLLEGE PARK. DEPT.	Environmental Monitoring and Pollutant Inven-
Agricultural Waste Water Accom Utilization by Various Forages,	modation and	OF ZOOLOGY. Free-Living Protozoa of the Chesapeake Ba	tory Program Report for Pantex Plant y (Amarillo, Texas), Covering Calendar Year
W74-10903	7-21 5D	Exclusive of Foraminifera and the Flagellates, W74-00904 7-02 2	
MARYLAND UNIV., COLLEGE PA	RK. DEPT.		
OF BOTANY.		MARYLAND UNIV., COLLEGE PARK. NATURAL RESOURCES INST.	MASON-RUST, LEXINGTON, KY. Evaluation of 75,000 GPD Continuous Ion
Fungi of the Chesapeake Bay, W74-00894	7-02 2L		
Benthic Macroalgae of the Maryla	and Portion of		C
the Chesapeake Bay, W74-00897	7-02 2L	MARYLAND UNIV., COLLEGE PARK. WATER	MASONITE CORP., LAUREL, MISS. Recycling Water A Simple Solution,
		RESOURCES RESEARCH CENTER.	W74-05274 7-10 5D
Bryophytes and Lichens of the Bay,	Chesapeake	An Investigation of Factors Affecting the Recreational Use of State Parks,	MASSACHUSETTS DEPT. OF PUBLIC
W74-00899	7-02 2L	W74-12198 7-23 6	B HEALTH, BOSTON. DIV. OF
Viruses of Aquatic Plants of the	e Chesapeake	MARYLAND UNIV., PRINCE FREDERICK.	ENVIRONMENTAL HEALTH. Phosphates and the Environment,
Bay, W74-00900	7-02 2L	HALLOWING POINT FIELD STATION.	W74-04107 7-08 5C
Vascular Plants of the Chesapeak	e Ray	ical Effects of Suspended and Deposited Sed	i- MASSACHUSETTS DEPT. OF PUBLIC WORKS,
W74-00903	7-02 2I	ments in Chesapeake Bay, W74-00920 7-02 2	ANDOVER. L Andover Gives Shot to Supply,
Photosynthesis in Cell Developme		MARYLAND UNIV. PRINCE FREDERICK.	W74-10944 7-21 5F
W74-08713	7-17 50	NATURAL RESOURCES INST.	MASSACHUSETTS DEPT. OF PUBLIC WORKS,
MARYLAND UNIV., COLLEGE PA		Effects of Temperature on Activity and Mo	
OF BOTANY; AND MARYLAND USOLOMONS. NATURAL RESOURCE		tality of the Scyphozoan Medusa, Chrysao quinquecirrha,	ra MATERIALS SECTION. Effects of Deicing Chemicals Upon Ground
Nannoplankton of the Chesapeak		W74-07561 7-14 5	
W74-00895	7-02 21	MARYLAND UNIV., SOLOMONS. CENTER	ment),
MARYLAND UNIV., COLLEGE PA	RK. DEPT.	FOR ENVIRONMENTAL AND ESTUARINE	W74-04149 7-08 5B
OF CHEMICAL ENGINEERING.		STUDIES.	MASSACHUSETTS GENERAL HOSPITAL,
Transient Analysis of a State P Aeration Wastewater Facility,	ark Extended	Ecological Aspects of Aquatic Biology Throug Time-Lapse Photography,	th BOSTON, PHYSICS RESEARCH LAB. Multielement Instrumental Neutron Activation
W74-08838	7-17 5E		

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. RALPH M. PARSONS LAB. FOR

Comparator Standard and Data Processing by Computer,	MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF AERONAUTICS AND	Radiation and Scattering of Water Waves by Rigid Bodies: Part 2. Vertical Cylinders of Cir-
W74-06022 7-12 5A	ASTRONAUTICS.	cular Cross-Section,
MASSACHUSETTS INST. OF TECH., BOSTON.	Drag Reduction by Polymer Addition, W74-11780 7-22 8B	W74-11787 7-22 8B The Design of Rainfall Networks in Time and
JAMES MADISON BARKER ENGINEERING LIBRARY.	MASSACHUSETTS INST. OF TECH.,	Space,
Environmental Information Sources En- gineering and Industrial Applications: A	CAMBRIDGE. DEPT. OF CHEMICAL ENGINEERING.	W74-12312 7-23 2B
Selected Annotated Bibliography. W74-08401 7-16 10C	Analysis of Trace Organic Compounds in New England Rivers, W74-03553 7-07 5A	MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF EARTH AND PLANETARY SCIENCES.
MASSACHUSETTS INST. OF TECH.,	W 14-03333	Flume Experiments on the Transition from Rip-
CAMBRIDGE.	MASSACHUSETTS INST. OF TECH.,	ples to Lower Flat Bed with Increasing Sand
Holbrook Cove SurveyA 1972 Student Summer Ocean Engineering Laboratory	CAMBRIDGE. DEPT. OF CHEMISTRY. Direct Determination of Bismuth and Antimony	Size, W74-04063 7-08 2J
Research Project.	in Sea Water by Anodic Stripping Voltam- metry,	MASSACHUSETTS INST. OF TECH.,
W74-01131 7-03 5B	W74-00275 7-01 2K	CAMBRIDGE. DEPT. OF MATHEMATICS. A Note on Edge Waves in a Stratified Fluid,
Ocean Utilization and Coastal Zone Develop- ment.	MASSACHUSETTS INST. OF TECH.,	W74-01194 7-03 2E
W74-01281 7-03 2L	CAMBRIDGE. DEPT. OF CIVIL ENGINEERING.	MASSACHUSETTS INST. OF TECH.,
Longshore Current Generation by Obliquely In-	Equilibrium Characteristics of Sand Beaches,	CAMBRIDGE, DEPT. OF METEOROLOGY. Wind Tunnel Measurements of the Wind
cident Internal Waves, W74-01650 7-03 2E	W74-00027 7-01 2J	Disturbance Field of a Model of the Buzzards
	Joint Use of Screening and Simulation Models in Multiobjective Plan Formulation,	Bay Entrance Light Tower, W74-04207 7-08 2L
On the Mean Drift in Large Lakes, W74-02762 7-06 2H	W74-00177 7-01 6B	
	Determination of the Discharge Policy for Ex-	MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF NUCLEAR
Mathematical Simulation of Tidal Time- Averages of Salinity and Velocity Profiles in	isting Reservoir Networks Under Differing Objectives.	ENGINEERING. Technical and Social Aspects of Nuclear Waste
Estuaries, W74-03348 7-07 2L	W74-00673 7-02 4A	Disposal in Western Europe, W74-13135 7-24 5D
	The Legal and Regulatory Framework for	
Nuclear Spin-Lattice Relaxation of Liquids Confined in Porous Solids,	Thermal Discharge from Nuclear Power Plants, W74-02875 7-06 5G	MASSACHUSETTS INST. OF TECH., CAMBRIDGE, DEPT. OF NUTRITION AND
W74-04157 7-08 2F		FOOD SCIENCE.
Characteristics of Condenser Water Discharge	Growth of Longshore Currents Downstream of a Surf-Zone Barrier.	Isolation and Characterization of a Ther-
on the Sea Surface (Correlation of Field Obser-	W74-04324 7-09 2J	motolerant Methanol-Utilizing Yeast, W74-04907 7-10 5A
vations with Theory), W74-05700 7-11 5A	Tidal Dynamics in Estuaries. Part I: Estuaries	Reduction in Mercury Content of Fish Protein
A Preliminary Assessment of The Environmen-	of Rectangular Section, W74-04952 7-10 2L	Concentrate by Enzymatic Digestion, W74-07576 7-14 5A
tal Vulnerability of Machias Bay, Maine to Oil		
Supertankers,	Tidal Dynamics in Estuaries. Part II: Real Estuaries,	Reduction in Mercury Content of Fish Protein Concentrate by Enzymatic Digestion,
W74-10656 7-20 5C	W74-04953 7-10 2L	W74-09766 7-18 5C
Equipment For Measuring The Water Permea-	Salinity Intrusion in Estuaries,	MASSACHUSETTS INST. OF TECH.,
bility as a Function of Degree of Saturation For Frost Susceptible Soils,	W74-04954 7-10 2L	CAMBRIDGE. DEPT. OF URBAN STUDIES AND PLANNING.
W74-10657 7-20 2G	Sedimentation in Estuaries, W74-04955 7-10 2L	Land-Use Research Issues Suggested by a Na-
Study of Means of Automatically Classifying		tional Urban Growth Strategy, W74-09415 7-18 4A
Plankton, W74-13078 7-24 5A	The Methodology of Bayesian Inference and Decision Making Applied to Extreme	
	Hydrologic Events,	MASSACHUSETTS INST. OF TECH., CAMBRIDGE, HYDRODYNAMICS LAB.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE. (ASSIGNEE).	W74-07601 7-15 2A	Depositional Behavior of Fine Sediment in a
Oil Accumulator,	Multiobjective Redesign of the Big Walnut Pro-	Turbulent Fluid Motion, W74-03697 7-07 2J
W74-05688 7-11 5G	ject, W74-08515 7-16 4A	
MASSACHUSETTS INST. OF TECH.,		Theoretical Study of Longshore Currents on a Plane Beach,
CAMBRIDGE. CENTER FOR TRANSPORTATION STUDIES.	Stochastic Analysis of Phreatic Aquifers, W74-09882 7-19 2F	W74-04214 7-08 2E
Systems Planning Design: Case Studies in		MASSACHUSETTS INST. OF TECH.,
Modeling, Optimization, and Evaluation,	Long Wave Excitation in Harbours-An Analytical Study,	CAMBRIDGE. INSULATION RESEARCH LAB.
W74-08506 7-16 6A	W74-11031 7-21 8B	Molecular Mechanisms of Conduction and Polarization in Water Vapor, Liquid Water, and
Systems Analysis of Large-Scale Public Facili-	A Bayesian Approach to Hydrologic Time Se-	Ice,
ties: New York City's Water Supply Network as a Case Study.	ries Modeling,	W74-11744 7-22 1B
W74-08507 7-16 3D	W74-11456 7-22 6A	MASSACHUSETTS INST. OF TECH.,
MASSACHUSETTS INST. OF TECH., CAMBRIDGE. CORROSION LAB.	Wave Transmission through Porous Structures, W74-11474 7-22 8B	CAMBRIDGE. RALPH M. PARSONS LAB. FOR WATER RESOURCES AND HYDRODYNAMICS.
Corrosion and Corrosion Control,	Quadratic Loss and Scattering of Long Waves,	Methodology for Assessing the Potential Im-
W74-04161 7-08 8G	W74-11478 7-22 8B	pact of Urban Development on Urban Runoff

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. RALPH M. PARSONS LAB. FOR

and the Relative Efficiency of Runoff Co	ontrol	MASSACHUSETTS UNIV., AMHERST. DEPT. OF BOTANY.	Multi-Time Period Facilities Location Problems: A Heuristic Algorithm With Applica-
W74-00001 7-01	2A	Influence of Birds, Stones and Soil on the Establishment of Pasture Juniper, Juniperus	tion to Waste Water Treatment Systems, W74-01929 7-04 5D
Damping of Water Waves Over Porous Be W74-02315 7-05	a, 2E	communis, and Red Cedar, J. virginiana in New England Pastures,	MASSACHUSETTS UNIV., AMHERST. DEPT.
Manager De Manager De	T	W74-01894 7-04 2I	OF LANDSCAPE ARCHITECTURE. Land Use Trends and the Future of Agriculture
Mass Transport in Water Waves. Part II. Experiments,	iri I.	MASSACHUSETTS UNIV., AMHERST. DEPT.	in the North Atlantic Region,
	6 2J	OF CHEMISTRY.	W74-05682 7-11 6D
Paris of Ontired Presinitation Naturals		Atomic Absorption Method for Determining	Assessing Visual-Cultural Values of Inland
Design of Optimal Precipitation Networks W74-03333 7-07	, 2B	Micromolar Quantities of Aliphatic Secondary Amines,	Wetlands in Massachusetts,
W 14-03333	2.0	W74-01492 7-03 5A	W74-09651 7-18 6B
Simulation Criteria for Selecting	Water		MASSACHUSETTS UNIV., AMHERST. DEPT.
Resource System Alternatives, W74-09567 7-18	6A	Analysis of Primary Aromatic Amines and Nitrite by Diazotization and Pyrolysis Gas	OF LANDSCAPE ARCHITECTURE AND
W 14-09301	UA	Chromatography,	REGIONAL PLANNING.
A General Purpose Simulation Model for		W74-05315 7-10 5A	Model for Landscape Resource Assessment, Part I of the 'Metropolitan Landscape Planning
ysis of Surface Water Allocation Using Time Increments,	Large	Selective Separation and Concentration of	Model' (METLAND),
	6A	Silver Via Precipitation Chromatography,	W74-02657 7-06 6B
		W74-11911 7-22 5A	MASSACHUSETTS UNIV., AMHERST. DEPT.
MASSACHUSETTS INST. OF TECH.,		MASSACHUSETTS UNIV., AMHERST. DEPT.	OF MICROBIOLOGY.
CAMBRIDGE. SEA GRANT PROGRAM. Oceans of the World: The Last Frontie	r: An	OF CIVIL ENGINEERING.	Glucose and Pyruvate Metabolism of
Annotated Introductory Bibliography o		A Review of Outboard Motor Effects on the	Spirochaeta litoralis, an Anaerobic Marine Spirochete,
Law of the Sea,		Aquatic Environment, W74-00063 7-01 5C	W74-03600 7-07 5B
W74-10055 7-19	6E		MACCACHICETTC UNIV AMHEBET DEBT
MASSACHUSETTS INST. OF TECH.,		Wastewater Treatment: Physical and Chemical	MASSACHUSETTS UNIV., AMHERST. DEPT. OF PLANT AND SOIL SCIENCES.
CAMBRIDGE. SLOAN SCHOOL OF		Methods, W74-12934 7-24 5D	Heavy Manure Applications: Benefit or Waste,
MANAGEMENT.	Cimu		W74-09698 7-18 5D
The Combined Use of Optimization and lation Models in River Basin Planning.	Simu-	MASSACHUSETTS UNIV., AMHERST. DEPT. OF ENTOMOLOGY AND PLANT	MASSACHUSETTS UNIV., AMHERST. WATER
	6 4A	PATHOLOGY.	RESOURCES RESEARCH CENTER.
AAACCA CHILICEMMO LININ AAANDOCM		Toxicity of Droppings From Coumaphos-Fed	Graduate Courses Related to Water Resources. W74-01119 7-03 9A
MASSACHUSETTS UNIV., AMHERST. Mercury Concentrations in Tissues of	Fish	Hens to Little House Fly Larvae,	W/4-01119 /-03 9A
from the Connecticut River,	1.1211	W74-00410 7-01 5C	Mathematical Modeling of Nutrient - Trans-
	2 5B	MASSACHUSETTS UNIV., AMHERST. DEPT.	port, W74-01121 7-03 5B
MACCACHICETTC INIV AMBEDCT AS	un.	OF FORESTRY AND WILDLIFE	
MASSACHUSETTS UNIV., AMHERST., A! IOWA UNIV., IOWA CITY.	ND.	MANAGEMENT. A Reliable and Inexpensive Soil Frost Gage,	Significance of Cellulose Production by Plank-
Low-Pressure Ultrafiltration Systems	for	W74-01574 7-03 2G	tonic Algae in Lacustrine Environments, W74-01927 7-04 5C
Wastewater Contaminant Removal,		A Guide to Important Characteristics and	
W74-09634 7-1	8 5D	Values of Freshwater Wetlands in the	Partial Recovery of a Vegetation in a Pollution Damaged Marsh,
MASSACHUSETTS UNIV., AMHERST. DE	PT.	Northeast.	W74-02663 7-06 5C
OF AGRICULTURAL AND FOOD		W74-02324 7-05 4B	Water Quality Issues in the National Water
ECONOMICS. Valuation of Visual-Cultural Benefits	from	Effects of Egg Concentrations of DDT and	Commission's Report 'Water Policies for the
Freshwater Wetlands in Massachusetts,	Hom	Dieldrin on Development in Winter Flounder	Future',
	3 6B	(Pseudopleuronectes Americanus), W74-06091 7-12 5C	W74-03179 7-06 6B
Economic Criteria for Decisions on Pre	earus.		Legal Factors in Econometric Modeling of
tion and Alteration of Natural Resource		MASSACHUSETTS UNIV., AMHERST. DEPT. OF GEOLOGY.	Local Floodplain Management Devices in the
Specific Reference to Freshwater Wetla		Diversion of Flood Flows from the Connecticut	Connecticut River Basin, W74-03207 7-07 6F
Massachusetts,		River and the Effect on Groundwater Supplies,	
W74-02671 7-0	6 6B	W74-02847 7-06 4B	MASSACHUSETTS UNIV., GLOUCESTER.
Institutional Framework Affecting the U	Jse of	Some Potential Environmental Problems from	MARINE STATION. Sublittoral Benthic Marine Algae of Southern
Inland Wetlands in Massachusetts,		Population Explosion and Urban Development	Cape Cod and Adjacent Islands: Pseu-
W74-04462 7-0	9 4A	in Massachusetts and Adjacent Parts of New	dolithoderma Paradoxum Sp. Nov.
Flood Proofing Decisions Under Uncer	tainty:	England, W74-09598 7-18 5B	(Ralfsiaceae, Ectocarpales), W74-01350 7-03 5A
An Application to the Connecticut River			
W74-04463 7-0	9 6A	MASSACHUSETTS UNIV., AMHERST. DEPT. OF GEOLOGY AND GEOGRAPHY.	MASSEY UNIV., PALMERSTON NORTH (NEW ZEALAND).
Flood Proofing Decisions with Unc	certain	Sedimentation on Gravel Outwash Fans,	Potential of an Eroding Urban Soil for the
Events,		Malaspina Glacier Foreland, Alaska,	Phosphorus Enrichment of Streams: I. Evalua-
W74-07299 7-1	4 6A	W74-10375 7-20 2J	tion of Methods,
Non-Efficiency Objectives and Decision	-Mak-	MASSACHUSETTS UNIV., AMHERST. DEPT.	W74-03438 7-07 5B
ing in Water Resource Developments,		OF INDUSTRIAL ENGINEERING AND	MASSEY UNIV., PALMERSTON NORTH (NEW
W74-09084 7-1	7 6A	OPERATIONS RESEARCH. A Methodology for Determining Optimal Lon-	ZEALAND). DEPT. OF CHEMISTRY AND BIOCHEMISTRY.
Economic Costs of Water Quality Prot	ection	gitudinal Spacing of Effluent Discharges into a	Natural Dispersion of Mercury from Puhipuhi,
on Dairy Farms,		River,	Northland, New Zealand,
W74-12788 7-2	4 5E	W74-01928 7-04 5B	W74-01307 7-03 5B

MAYES, SUDDERTH AND ETHEREDGE, INC.,

Instrumental Parameters for Determination of

CITIZENSHIP AND PUBLIC AFFAIRS,

REGIONAL RESEARCH CENTER.

ment, W74-04502

SYRACUSE, N.Y. METROPOLITAN AND

Land Value Increments as a Measure of the

Net Benefits of Urban Water Supply Projects

in Developing Countries: Theory and Measure-

MCMASTER UNIV., HAMILTON (ONTARIO). DEPT. OF CHEMICAL ENGINEERING.

MCGILL UNIV., MONTREAL (QUEBEC).

Mercury by Flameless Atomic Absorption	ATLANTA, GA.	DEPT. OF GEOGRAPHY.
Spectrophotometry,	A Water and Sewer Plan: Greene County,	Sediment Production in a Small Appalachian
W74-03844 7-08 5A	Georgia.	Watershed During Spring Runoff: The Eaton
11110000	W74-02334 7-05 5D	Basin, 1970-1972,
MASSEY UNIV., PALMERSTON NORTH (NEW	7-02334 7-03 3D	W74-04267 7-08 2J
ZEALAND). DEPT. OF GEOGRAPHY.	A Water and Sewer Plan: Morgan County,	
Unit Hydrographs for Catchments of Different	Georgia.	MCGILL UNIV., MONTREAL (QUEBEC). SOIL
Sizes and Dissimilar Regions,	W74-02335 7-05 5D	MECHANICS LAB.
W74-11466 7-22 2A		Unsaturated Flow in Expansive Soils,
MACCEN HAIN BALMEBOTON NORTH (NEW	A Water and Sewer Plan: Madison County,	W74-12832 7-24 2G
MASSEY UNIV., PALMERSTON NORTH (NEW ZEALAND). DEPT. OF MICROBIOLOGY AND	Georgia.	MCGILL UNIV., MONTREAL (QUEBEC).
GENETICS.	W74-02336 7-05 5D	STORMY WEATHER GROUP.
Protozoa from Blue Lake, Raoul Island,		The Use of Radar in Urban Hydrology,
W74-01310 7-03 5C	A Water and Sewer Plan: Walton County,	W74-11468 7-22 2E
117-01510	Georgia.	
MATSUSHITA ELECTRIC INDUSTRIAL CO.,	W74-02337 7-05 5D	MCGILL UNIV., SCHEFFERVILLE (QUEBEC).
LTD., OSAKA (JAPAN).	Northeast Georgia Area Water and Sewer	MCGILL SUB-ARCTIC RESEARCH LAB.
Water Purifying Device,		Indirect Mapping of the Snowcover for Per-
W74-10492 7-20 5D	Systems Plan and Capital Improvement Pro-	mafrost Prediction at Schefferville, Quebec,
MANINA PEA CUCAR CO. HILO HAWAII	gram. W74-02339 7-05 3D	W74-04356 7-09 2C
MAUNA KEA SUGAR CO., HILO, HAWAII.	W 14-02339 1-03 3D	Permafrost and Snowcover Relationships Near
Automatic Irrigation Supply Sequencing Valve, W74-10757 7-20 3F	MAYES, SUDDERTH AND ETHEREDGE, INC.,	Schefferville,
W/4-10/3/ /-20 3F	LEXINGTON, KY.	W74-04362 7-09 2C
MAX-PLANCK-GESELLSCHAFT ZUR	Water Quality Management Element for the	
FORDERUNG DER WISSENSCHAFTEN E.V.,	Kentucky River Area Development District	Studies at the Timmins 4 Permafrost Experi-
GOETTINGEN (WEST GERMANY).	Comprehensive Water and Sewer Program.	mental Site,
(ASSIGNEE).	W74-07077 7-14 5D	W74-04363 7-09 2C
Method and Apparatus for Purifying Sea		MCKEE (ARTHUR G.) AND CO., SAN MATEO,
Water,	MCCARTY AND NOONE, WASHINGTON, D.C.	CALIF.
W74-03654 7-07 3A	The Externalities of a Torrey Canyon Situa-	Wastewater treatment: Activated Sludge,
C	tion; an Impetus for Change in Legislation,	W74-12935 7-24 5D
System for Purification of Polluted Water,	W74-05628 7-11 5G	
W74-03655 7-07 5D		MCMASTER UNIV., HAMILTON (ONTARIO).
MAX-PLANCK-INSTITUT FUER CHEMIE,	MCDONNELL AIRCRAFT CO., ST. LOUIS,	Methods of Measuring Soil Moisture,
MAINZ (WEST GERMANY).	MO. RECONNAISSANCE LAB.	W74-05557 7-11 2G
The North Atlantic Ocean as a Source of At-	Aerial Detection of Spill Sources,	Low Temperature Denitrification of Waste
mospheric N2O,	W74-04196 7-08 5A	Water.
W74-11900 7-22 2K		W74-10179 7-19 5D
	MCDONNELL DOUGLAS ASTRONAUTICS	"" 35
MAX-PLANCK-INSTITUT FUER LIMNOLOGIE	COWEST, HUNTINGTON BEACH, CALIF.	Treatment of Oily Wastes from a Steel Mill,
ZU PLOEN (WEST GERMANY).	Definition of Reverse Osmosis Requirements	W74-12726 7-23 5D
The Effect of pH, C02-Concentration and Bac-	for Spacecraft Wash Water Recycling,	
teria on the Growth of the Blue-Green Alga	W74-00320 7-01 5D	MCMASTER UNIV., HAMILTON (ONTARIO).
Oscillatoria redekei Van Goor (Einfluss von	Definition of Reverse Osmosis Pump Require-	CENTER FOR APPLIED RESEARCH AND ENGINEERING DESIGN.
pH, C02-Konzentration und bakterien auf das	ments for Space Vehicle Requirements,	Planned Data Storage Methods for the Interna-
Wachsium der Blaualge Oscillatoria redekei Van Goor),	W74-08340 7-16 8C	tional Field Year for the Great Lakes,
W74-02965 7-06 5C	7-10 80	W74-01296 7-03 7C
7-00 50	MCGILL UNIV., MONTREAL (QUEBEC).	745 76
MAX-PLANCK-INSTITUT FUER LIMNOLOGIE	DEPT. OF AGRICULTURAL ENGINEERING.	MCMASTER UNIV., HAMILTON (ONTARIO).
ZU PLOEN (WEST GERMANY). DEPT OF	Soil Columns for Simulating Animal Manure	DEPT. OF BIOLOGY.
TROPICAL ECOLOGY.	Recycling,	Observations of Langmuir Circulations in Lake
Experimental Ecological Investigations of	W74-11242 7-21 5D	Ontario,
Chironomus thummi and Chironomus piger		W74-00831 7-02 2H
(Diptera, Chironomidae). (Experimentell-	MCGILL UNIV., MONTREAL (QUEBEC).	Light Intensity and Photosynthetic Rates in
okologishe Untersuchungen an Chironomus	DEPT. OF BIOCHEMISTRY.	Phytoplankton,
thummi und Chironomus piger (Diptera,	A Procedure for the Estimation of Microgram	W74-06082 7-12 5C
Chironomidae),	Quantities of Triton X-100,	1-12 30
W74-02963 7-06 5C	W74-01360 7-03 5A	Diel and Annual Cycles of Net Plankton
MAX-PLANCK-INSTITUT FUER		Photosynthesis in Lake Ontario,
ZUECHTUNGSFORSCHUNG, COLOGNE	MCGILL UNIV., MONTREAL (QUEBEC).	W74-06083 7-12 5C
(WEST GERMANY).	DEPT. OF BIOLOGY.	MCMACTED HARD HARD BON (ONDA DO)
A Comparative Study of the Size and Recep-	Bacterial Dynamics in Two High-Arctic Lakes,	MCMASTER UNIV., HAMILTON (ONTARIO).
tivity of the Stigma in Wheat, Rye, Triticale	W74-05458 7-11 5C	DEPT. OF CHEMICAL AND CIVIL ENGINEERING.
and Secalotricum,	Commentions Birms B. 1. 1. 1. 00 1. 1. 00	Gamma Radiation as an Effective Disinfectant,
W74-04690 7-09 3F	Connecticut River Ecological StudyA Study	W74-11860 7-22 5D
	of the Rate and Pattern of Shad Migration in	
MAXWELL GRADUATE SCHOOL OF	the Connecticut RiverUtilizing Sonic Tracking	MCMASTER UNIV., HAMILTON (ONTARIO).

Apparatus,

W74-11227

W74-12978

7-09 6B

APPLIED MECHANICS.

MCGILL UNIV., MONTREAL (QUEBEC).

Buoyant Forced-Plumes in Cross Flow,

DEPT. OF CIVIL ENGINEERING AND

7-07 5D

DEPT. OF CHEMICAL ENGINEERING.

Raw Sewage at Low Temperatures,

Treatment Process,

W74-03467

W74-10185

Simulation of a Petroleum Refinery Waste

Feasibility of Physico-Chemical Treatment of

7-21 8I

7-24 8B

MCMASTER UNIV., HAMILTON	(ONTARIO).
DEPT. OF CIVIL ENGINEERING	AND
ENGINEERING MECHANICS.	
Developing Simulation Models,	

W74-05672 7-11 2A MCMASTER UNIV., HAMILTON (ONTARIO).

DEPT. OF GEOLOGY.
Phosphorus: Analysis of Water, Biomass, and Sediment, W74-01800 7-04 5C

Settling Plates of Cold-Cure Acrylic Plastic Replicated from Natural Surfaces, W74-05319 7-10 5A

Preliminary Investigations of an Intertidal Sand Body, Cobequid Bay, Bay of Fundy, W74-06260 7-12 2L

MECHANICS RESEARCH, INC., LOS ANGELES, CALIF.

Vacuum Desorption Concept for Removing Oil from Water,

W74-09323 7-18 5G MEDICAL ACADEMY, GDANSK (POLAND).

DEPT. OF BROMATOLOGY.

Improvements in the Wet Oxidation-Dithizone
Method for Determining Low Mercury Levels
in Food.

MEDICAL ACADEMY, POZNAN (POLAND).

W74-03869

Dynamics of Changes in the Concentration of Fluorine Compounds Emitted by the Phosphorus Fertilizer Manufacturing Establishment in Pozan, and Their Influence on Surface and Underground Waters and on the Atmosphere Within the Limits of the City of Poznan, (In Polish), W74-07021 7-13 5B

MEDICAL ACADEMY, POZNAN (POLAND). DEPT. OF BIOLOGICAL AND MEDICAL PARASITOLOGY.

Free-Living Amoebae Isolated from Waters Frequented by People in the Vicinity of Poznan: Poland: Experimental Studies in Mice on the Pathogenicity of the Isolates, W74-08687 7-16 SC

MEDICAL COLL. OF OHIO, TOLEDO. DEPT.
OF MICROBIOLOGY.
An Improved Method of Cell Enumeration for

Filamentous Algae and Bacteria, W74-01421 7-03 5A

The Effect of Selenite on the Physiological and Morphological Properties of the Blue-Green Alga Phormidium luridum Var. Olivacea, W74-07550 7-14 5C

MEDICAL RESEARCH COUNCIL, LONDON (ENGLAND). EXPERIMENTAL RADIOPATHOLOGY RESEARCH UNIT.

Let as a Determinant of Oxygen Enhancement Ratio and Shape of Survival Curve for Chlamydomonas, W74-00732 7-02 5C

MEDITSINSKII INSTITUT, IRKUTSK (USSR). Effect of Hydrolysis Plant Effluents on Fish (Vliyanne na ryb stochnykh vod gidroliznogo

zavoda), W74-03074 7-06 5C

Effect of Effluents from Hydrolysis Plant on the Survival of Typhoid Fever and Dysentery Bacteria, (In Russian), W74-07367 7-14 5C MEDITSINSKII INSTITUT, IRKUTSK (USSR). DEPT. OF GENERAL HYGIENE.

Weakly Oxidizing Organic Substances in Waste Waters and the Problem of Sanitary Protection of Water Bodies, (In Russian), W74-10582 7-20 5D

MEDITSINSKII INSTITUT, KIEV (USSR).

Use of Morshin Mineral Water in Disease of the Liver and Biliary Tracts in Children, (in Ukrainian), W74-08101 7-15 2I

MEDITSINSKII INSTITUT, SARATOV (USSR).
Purification of Water Polluted with DDT and
Hexachlorocyclohexane,
W74-11183 7-21 5D

MEDITSINSKII INSTITUT, TOMSK (USSR).

Treatment of Children with Chronic Hepatoangiocholecystitis at the Lake Uchum Health Resort, W74-08102 7-15 2I

MEDITSINSKII INSTITUT, TSELINOGRAD (USSR).

Sanitary-Hygienic Evaluation of the Water Quality of the Nura Water Conduit of the Tselinograd District (In Russian), W74-08052 7-15 5A

Sanitary Evaluation of Water Quality in the Initial Operating Phase of the Vyacheslav Reservoir, (In Russian),
W74-13364 7-24 5B

MEDIZINISCHE AKADEMIE ERFURT (EAST GERMANY). INSTITUT FUER MEDIZINISCHE MIKROBIOLOGIE.

A System for Polyacrylamide Gel Electrophoresis of Humic Acids, (Ein System Zur Polyacrylamidgelelektrophorese Von Huminsauren),
W74-00260 7-01 5A

MEGATOR PUMPS AND COMPRESSORS LTD., LONDON (ENGLAND), (ASSIGNEE).

The Removal of Surface Layers from Liquids, W74-02030 7-04 5G

MEHARRY MEDICAL COLL., NASHVILLE, TENN. DIV. OF BIOPHYSICS AND NEUROBIOLOGY.

A Continuum Mechanical Approach to the Flow Equations for Membrane Transport: I. Water Flow, W74-13367 7-24 2E

MELBOURNE UNIV., PARKVILLE (AUSTRALIA).

Public Control and Regulation, W74-05082 7-10 6E

Mangroves and Coastal Morphology in Cairns Bay, North Queensland, W74-13034 7-24 2L

MELBOURNE UNIV., PARKVILLE (AUSTRALIA). DEPT. OF PHYSICAL CHEMISTRY.

Direct Determination of Sulfide by Rapid Direct Current Polarography, W74-03865 7-08 2K

MELBOURNE WATER SCIENCE INST. (AUSTRALIA).

Water Quality Assessment Practice in Australia, W74-01089 7-02 2K MEMORIAL UNIV. OF NEWFOUNDLAND, ST. JOHN'S. DEPT. OF BIOLOGY.

Plankton Succession in a Newfoundland Lake, W74-01818 7-04 5C

Plankton Dynamics in a Newfoundland Lake, W74-02926 7-06 5C

Some Aspects of the Biology of Calliopius laeviusculus (Kroyer) (Crustacea, Amphipoda) in the Northwestern Atlantic, W74-02958 7-06 5B

The Biology of Gammarus (Crustacea, Amphipoda) in the Northwestern Atlantic, VII.
The Duration of Embryonic Development in Five Species at Various Temperatures,
W74-06120 7-12 5C

MEMORIAL UNIV. OF NEWFOUNDLAND, ST. JOHN'S. DEPT. OF CHEMISTRY.

Decomposition of Phosphorus in Water, W74-00707 7-02 5C

MEMORIAL UNIV. OF NEWFOUNDLAND, ST. JOHNS. DEPT. OF ENGINEERING AND APPLIED SCIENCE.

Observations on Hydraulic Jumps at Rounded Step,
W74-08391 7-16 8B

MEMPHIS STATE UNIV., TENN. DEPT. OF BIOLOGY.

Reclamation of Water for Reuse in Channel Catfish Raceway Systems, W74-12203 7-23 5G

MERSEY AND WEAVER RIVER AUTHORITY (ENGLAND).

Technical Computer Systems, W74-12128 7-23 6A

MESSINA UNIV. (ITALY). INST. OF HYGIENE.
Some Responses of Planktonic Organisms to
Environmental Pollution,
W74-11285 7-21 5C

MESSINA UNIV. (ITALY). INSTITUTO DI IDROBIOLOGIA.

Eutrophication: Recent Directions for New Perspectives, W74-11357 7-21 5C

MESSINA UNIV. (ITALY). ISTITUTO DI IDROBIOLOGIA.

Further Contribution to the Study of Nitrification in the Sea and in a Brackish Water Environment (In Italian), W74-10341 7-19 5B

META SYSTEMS, INC., CAMBRIDGE, MASS. A Water Quality Simulation Model, W74-02683 7-06 5B

META SYSTEMS, INC., SPRINGFIELD, VA.
An Assessment of the Use of Potomac Estuary
Waters and AWT Effluents for Emergency

Water Supply, W74-04506 7-09 5D

Optimal Design for Highway Drainage Culverts, W74-09630 7-18 4A

METCALF AND EDDY, INC., BOSTON, MASS. A Groundwater Supply for an Oil Camp Near Prudhoe Bay, Arctic Alaska, W74-04396 7-09 2F

Nitrification and Denitrification Facilities, W74-06274 7-12 5D

Metropolitan Development Guide, Water

Matropolitan Development Guide: Protection

7-01 6B

SECTION.

Resources Policy Plan, Program.

W74-00451

Design of Filtration Plant for Rockville, Con-

Chemical/Physical and Riological Treatment of

Metropolitan Council Five-Year Capital Im-

provement Program for Sewerage Facilities. W74-00450 7-01 5G

7-17 5F

necticut,

W74-08910

Chemical/Physical and Biological Treatment of	Metropolitan Development Guide: Protection	proach,
Wool Processing Wastes,	Open SpacePolicy Plan, Program.	W74-08593 7-16 2E
W74-09064 7-17 5D	W74-03635 7-07 6G	177 00555
Nitrification and Denitrification Facilities.	How a Regional Organization Assumes En-	METROPOLITAN SEWER BOARD, ST. PAUL, MINN.
Wastewater Treatment,	vironmental Responsibility,	Sewage and Waste Control Rules and Regula-
W74-12560 7-23 5D	W74-12476 7-23 6E	tions for the Metropolitan Disposal System.
METCALF AND EDDY, INC., NEW YORK.	METROPOLITAN DENVER SEWAGE	W74-00452 7-01 5G
Recover Alum to Reduce Waste-Disposal	DISPOSAL DISTRICT NO. 1, COMMERCE	Evaluation of Polymeric Clarification of Meat-
Costs,	CITY, COLO.	Packing and Domestic Wastewaters,
W74-13285 7-24 5D	A Modified Filtration Method for the Analysis	W74-12210 7-23 5D
METCALF AND EDDY, INC., PALO ALTO,	of Wastewater Suspended Solids, W74-01318 7-03 5A	METROPOLITAN TORONTO AND REGION
CALIF.	W/4-01316	CONSERVATION AUTHORITY, DOWNSVIEW
Wastewater Treatment and Reuse by Land Ap-	METROPOLITAN GOVERNMENT OF	(ONTARIO).
plication - Volume I - Summary,	NASHVILLE DAVIDSON COUNTY, TENN.	Erosion Control and Bank Stabilization in
W74-02043 7-04 5D	A Description of the Environmental Planning	Metropolitan Toronto10 Year Programme and
Wastewater Treatment and Reuse by Land Ap-	and Management Project, W74-12467 7-23 6G	5 Year Project.
plication - Volume II,	W/4-1240/ /-23 6G	W74-08488 7-16 4D
W74-02044 7-04 5D	METROPOLITAN GOVERNMENT OF	The Metropolitan Toronto and Region Water-
Characteristics of Municipal Effluents,	NASHVILLE-DAVIDSON COUNTY, TENN.	front Plan, 1972-1976.
W74-05968 7-12 5D	PLANNING COMMISSION.	W74-08489 7-16 6B
7-12 35	Natural Environmental Analysis, Nashville-	
Nationwide Experiences in Land Treatment,	Davidson County, Tennessee.	METROPOLITAN WASHINGTON COUNCIL
W74-11851 7-22 5D	W74-00455 7-01 3D	OF GOVERNMENTS, D.C. Water and Sewer Service Needs of Low and
METEOROLOGICAL OFFICE, NEW DELHI	METROPOLITAN POLICE FORENSIC LAB.,	Moderate Income Households in Metropolitan
(INDIA).	LONDON (ENGLAND).	Washington.
Storm Surges in the Bay of Bengal,	The Use of Pressure-Assisted Liquid Chro-	W74-01034 7-02 5D
W74-12985 7-24 2L	matography in the Separation of Polynuclear	
	Hydrocarbons,	Water Resources Management for Metropolitan
METEOROLOGICAL OFFICE, POONA	W74-00256 7-01 5A	Washington: Analysis of the Joint Interactions
(INDIA). A Study of Biotropism of Climate in Two	METROPOLITAN REGIONAL COUNCIL, INC.,	of Water and Sewage Service, Public Policy
Canadian Cities,	NEW YORK.	and Land Development Patterns in an Expand- ing Metropolitan Area.
W74-03478 7-07 5C	Communications in Environmental Manage-	W74-07723 7-15 6B
	ment,	
METEOROLOGICAL RESEARCH INST.,	W74-12474 7-23 6B	Appendices to Water Resources Management
TOKYO (JAPAN). Thorium Isotope Content in River Water in	METROPOLITAN SANITARY DISTRICT OF	for Metropolitan Washington: Analysis of the
Japan,	GREATER CHICAGO, ILL.	Joint Interactions of Water and Sewage Ser-
W74-08772 7-17 5B	Human and Animal Wastes as Fertilizers,	vice, Public Policy, and Land Development Patterns in an Expanding Metropolitan Area.
	W74-00419 7-01 5D	W74-07724 7-15 6B
Content of Plutonium in River Water in Japan,	Institutional Options for Recycling Urban	
W74-08821 7-17 5B	Sludges and Effluents on Land,	METROPOLITAN WASHINGTON COUNCIL
Selected Bibliography on Water Balance of	W74-05985 7-12 5D	OF GOVERNMENTS, D.C. REMOTE SENSING
Monsoon Asia (III),		PROJECT. Use of ERTS-1 Data for Regional Planning in
W74-12019 7-23 2B	A Streamflow Model for Metropolitan Planning	the Metropolitan Washington Council of
METEOROLOGICAL SERVICE OF CANADA,	and Design, W74-07721 7-15 2A	GovernmentsA Short Brief,
TORONTO (ONTARIO).	W74-07721 7-15 2A	W74-06700 7-13 4A
Water Requirements of Wheat (Triticum	Stability and Control of Anaerobic Digestion,	METROROL TAN WASHINGTON COUNCIL
Aestivum L.) From Meteorological Parameters,	W74-09434 7-18 5D	METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS, WASHINGTON, D.C.
W74-00468 7-01 3F	Made de est incid Prodition destination	DEPT. OF HEALTH AND ENVIRONMENTAL
METEOROLOGY RESEARCH, INC.,	Methods of Liquid Fertilizer Application, W74-11839 7-22 5D	PROTECTION.
ALTADENA, CALIF.	W/4-11839 /-22 3D	Estimation of Imperviousness and Specific
Warm Fog Area Seeding Studies,	Flood Plain Management in Metropolitan	Curb Length for Forecasting Stormwater Quali-
W74-11032 7-21 3B	Chicago,	ty and Quantity,
MERRORI AN AMERICAN AND	W74-11867 7-22 6F	W74-07640 7-15 5B
METROPLAN, LITTLE ROCK, ARK. Interim Storm Drainage Plan Report-Little	Chemical and Biological Quality of Municipal	METROPOLITAN WATER BOARD, WEST
Rock-North Little Rock Metropolitan Area.	Sludge,	MOLESEY (ENGLAND). QUEEN ELIZABETH II
W74-07082 7-14 5D	W74-12871 7-24 5D	RESERVOIR.
		The Application of Fundamental Limnological
METROPOLITAN COUNCIL OF THE TWIN	Implementing the Chicago Prairie Plan,	Research in Water Supply System Design and
CITIES AREA, MINN.	W74-12892 7-24 5D	Management, W74-04111 7-08 5C
Solid Waste Management. W74-00449 7-01 5G	METROPOLITAN SANITARY DISTRICT OF	# /4-04111 /-08 3C
7-01 30	GREATER CHICAGO, ILL., INDUSTRIAL	METROSTUDY CORP., WASHINGTON, D.C.
Metropolitan Council Five-Year Capital Im-	WASTE DIV.	Socio-Economic Impact of Estuarine Thermal

WASTE DIV.

W74-11477

Flow Simulation System,

METROPOLITAN SANITARY DISTRICT OF

GREATER CHICAGO, ILL, SEWER DESIGN

Time of Concentration--A Kinematic Wave Ap-

Socio-Economic Impact of Estuarine Thermal

Pollution,

W74-12353

7-22 2E

MIAMI LINIV., CORAL CABLES, FLA.

CODAL CARLES ELA	MIAMININI OVEODE ONIO DEET OF	The Margary Pollution Buchlan is Mishigan
MIAMI UNIV., CORAL CABLES, FLA. Biologically Allowable Thermal Pollution	MIAMI UNIV., OXFORD, OHIO. DEPT. OF GEOLOGY. Sr-87/Sr-86 Ratios and Total Strontium Con-	The Mercury Pollution Problem in Michigan, W74-06773 7-13 5B
Limits, Part I and Part II, W74-11921 7-22 5C	centrations in Surface Waters of the Scioto River Drainage Basin, Ohio,	MICHIGAN DEPT. OF PUBLIC HEALTH, LANSING.
MIAMI UNIV., CORAL GABLES, FLA. Chemical Relationships Between Surface	W74-01516 7-03 5B	Element Specific Gas Chromatographic Analyses of Organochlorine Pesticides in the
Water and the Ground in South Florida, W74-01153 7-03 2K	Strontium, Calcium and the Isotopic Composi- tion of Strontium in Underground Waters from	Presence of PCB's by Selective Cancellation of Interfering Peaks,
MIAMI UNIV., CORAL GABLES, FLA. DEPT.	the Scioto River Basin, Ohio, W74-02218 7-05 2F	W74-03589 7-07 5A
OF BIOLOGY.		Mercury Levels in a Sample of Michigan Re-
Effects of a Natural Fish Kill on the Water Quality, Plankton, and Fish Population of a	MIAMI UNIV., OXFORD, OHIO. DEPT. OF ZOOLOGY.	sidents, · W74-06782 7-13 5B
Pond in the Big Cypress Swamp, Florida, W74-09448 7-18 5C	Acton Lake: Biology of Its Benthos and Notes on Its Physical Limnology 1959-1970,	MICHIGAN DEPT. OF PUBLIC HEALTH,
MIAMI UNIV., CORAL GABLES, FLA.	W74-03066 7-06 2H	LANSING. DIV. OF WASTEWATER. Michigan's Experience with Utilizing the Ten
SCHOOL OF LAW.	MIAMI UNIV., OXFORD, OHIO. HUGHES	States Guideline for Land Disposal of Waste-
Alternatives to the Current U.S. Position on Fisheries,	LABS. Photolysis of Parathion (O,O-Diethyl-O-(4-	water, W74-12898 7-24 5D
W74-05653 7-11 6E	Nitrophenyl) Thiophosphate). New Products, W74-02380 7-05 5B	MICHIGAN STATE UNIV., EAST LANSING.
MIAMI UNIV., FLA.		Physical Changes to Soils Used for Land Appli-
The Coastal Interceptor Waterway,	MICHIGAN AGRICULTURAL EXPERIMENT STATION, EAST LANSING.	cation of Municipal WasteWhat Do We Know, What Do We Need to Know,
W74-09614 7-18 5G	Application of ERTS-1 Data to Analysis of	W74-05971 7-12 5D
MIAMI UNIV., FLA. MARINE LAB. The Role of Shell Material in the Natural Sand	Agricultural Crops and Forests in Michigan, W74-01684 7-04 3F	Effects of Artificial Hypolimnion Aeration and
Replenishment Cycle of the Beach and	MICHIGAN DEPT. OF NATURAL RESOURCES.	Rainbow Trout (Salmo gairdneri Richardson) Depth Distribution,
Nearshore Area Between Lake Worth Inlet and the Miami Ship Channel.	ANN ARBOR. INST. FOR FISHERY	W74-06041 7-12 5C
W74-03610 7-07 2L	RESEARCH. The Effects of Methoxychlor on Aquatic Biota,	The Effects of Continuous Recycling and
MIAMI UNIV., FLA. OCEAN LAW PROGRAM.	W74-04553 7-09 5C	Storage on Nutrient Quality of Dehydrated
Who Governs Local Waters, W74-05784 7-11 6E	MICHIGAN DEPT. OF NATURAL RESOURCES,	Poultry Waste (DPW), W74-09687 7-18 5D
	LANSING. Parasites, Disease, and Disease Control of	Initial Observations of Several Medium Sized
What are Powers of Local Governmental Authorities Under Florida Law to Dispose of	Great Lakes Anadromous and Commercial	Barriered Landscape Water Renovation
Derelict and Abandoned Vessels Found in or	Fish, W74-00229 7-01 5C	Systems for Animal Wastes, W74-09695 7-18 5D
Near Local Navigable Waters, W74-08533 7-16 6E	Monitoring Considerations for Municipal	MICHIGAN STATE UNIV., EAST LANSING.
Municipal Powers Under Flirida Law with	Wastewater Effluent and Sludge Application to the Land,	COLL. OF AGRICULTURE AND NATURAL RESOURCES.
Respect to Protection of Environmentally En- dangered Riparian Land,	W74-05984 7-12 5D	Poultry Anaphage is Here to Stay,
W74-08534 . 7-16 6E	The Occurrence of Mercury in the Environ-	W74-11246 7-21 5D
Florida's Seaward Boundaries A Dilemma,	ment and Man, Discussion Paper, W74-06784 7-13 5B	MICHIGAN STATE UNIV., EAST LANSING. DEPT. OF AGRICULTURAL ECONOMICS.
W74-09281 7-18 6E	Thermal PollutionA Growing Concern,	Potential Economic Impacts of State Pollution Controls on Dairy Farms,
Appraisal of Aquatic Preserves in Florida, W74-09285 7-18 6E	W74-10698 7-20 5G	W74-10300 7-19 5D
	It's Everybody Lake,	MICHIGAN STATE UNIV., EAST LANSING.
A Proposed Open Beaches Statute for Florida, W74-09977 7-19 2J	W74-10712 7-20 5G	DEPT. OF BOTANY.
Seabed Regimes and the Limits of National Ju-	A Plan for Michigan's Shorelands.	The Influence of Environmental Factors on the Distribution of Freshwater Algae: An Experi-
risdiction,	W74-12616 7-23 6E	mental Study. II. The Role of pH and the Car-
W74-10714 7-20 6E	Economic Appraisal of Michigan's Sport Fishery, January 1 - April 24,	bon Dioxide-Bicarbonate system, W74-00639 7-02 5C
MIAMI UNIV., FLA. SEA GRANT	W74-12779 7-24 6B	The Influence of Environmental Factors on the
Water Movements in Shallow Coastal Bays and	MICHIGAN DEPT. OF NATURAL RESOURCES,	Distribution of Freshwater Algae: An Experi-
Estuaries,	LANSING. FISH DIV.	mental Study. III. Effects of Temperature,
W74-03442 7-07 2L	Mercury in Fish in the Great Lakes, W74-06774 7-13 5B	Vitamin Requirements and Inorganic Nitrogen Compounds on Growth,
The Use of Ocean Outfalls for Marine Waste	MICHIGAN DEPT. OF NATURAL RESOURCES,	W74-00640 7-02 5C
Disposal in Southeast Florida's Coastal Waters, W74-09403 7-18 5D	LANSING. WATER DEVELOPMENT SERVICES DIV.	The Influence of Environmental Factors on the Distribution of Freshwater Algae: An Experi-
MIAMI UNIV., FLA. SEA GRANT PROGRAM.	Flooding Problems Associated with Current	mental Study. IV. Growth of Test Species in
The Commercial Feasibility of Rearing Pom- pano, Trachinotus carolinus (Linnaeus), in	High Levels of the Great Lakes. W74-09994 7-19 2H	Natural Lake Waters, and Conclusion, W74-00641 7-02 5C
pane, riaciniotas caronnas (Linnacus), in	1-19 2H	7-02 30

7-02 5G

MICHIGAN DEPT. OF NATURAL RESOURCES, LANSING. WATER RESOURCES COMMISSION. Michigan Water Resources Enforcement and Information System,

The Influence of Environmental Factors on the Distribution of Freshwater Algae: An Experimental Study. III. Effects of Temperature, Vitamin Requirements and Inorganic Nitrogen Compounds on Growth,

W74-06549 7-13 5C

Cages,

W74-09566

W74-12785

Benefit Cost Analysis of Alternative Expansion Sites for the Virginia Key Sewage Treatment Plant.

7-18 8I

7-24 5D

MICHIGAN STATE UNIV., HICKORY CORNERS. W. K. KELLOGG BIOLOGICAL

	10 1 47 .1	
MICHIGAN STATE UNIV., EAST LANSING.	A Comparison of Invertebrate Drift in Three	Economic Evaluation of the Sport Fishery of
DEPT. OF BOTANY AND PLANT	Michigan Streams,	the Au Sable River, Michigan,
PATHOLOGY.	W74-03902 7-08 5B	W74-02203 7-05 6B
Factors Limiting the Distribution of Salix	Determined Effects of Fish Wetcher	The Description of the Control
Nigra,	Potamological Effects of Fish Hatchery	The Demand for and Value of the Sport
W74-12684 7-23 2I	Discharge on the Jordan River, Northern	Fishery on the Au Sable, Jordan, and Red
	Lower Michigan,	Cedar Rivers,
MICHIGAN STATE UNIV., EAST LANSING.	W74-03903 7-08 5C	W74-02204 7-05 6B
DEPT. OF CHEMISTRY.	TI. D	MICHIGAN COLORS VINIS BACK LANGING
Graphite Braid Atomizer for Atomic Absorp-	The Dynamics of Brown Trout (Salmo trutta)	MICHIGAN STATE UNIV., EAST LANSING.
tion and Atomic Fluorescence Spectrometry,	and Sculpin (Cottus spp.) Populations as In-	DEPT. OF PHYSIOLOGY.
W74-11912 7-22 5A	dicators of Eutrophication,	Uptake of Methyl Mercuric Chloride and Mer-
	W74-03904 7-08 5C	curic Chloride by Trout: A Study of Uptake
MICHIGAN STATE UNIV., EAST LANSING.	Ponthia Massainusetahrata Diversity in Three	Pathways into the Whole Animal and Uptake
DEPT. OF CHEMISTRY, MICHIGAN STATE	Benthic Macroinvertebrate Diversity in Three	by Erythrocytes in Vitro,
UNIV., EAST LANSING. DEPT. OF	Differentially Perturbed Michigan Streams,	W74-01412 7-03 5C
ENTOMOLOGY.	W74-03905 7-08 5C	
Photochemistry of Bioactive Compounds.	An Ecological Evaluation of a Thermal	Mercury Uptake and Ion Distribution in Gills
Kinetics of Selected s-Triazines in Solution,		of Rainbow Trout (Salmo gairdneri): Tissue
W74-03582 7-07 5A	Discharge. Part II: The Distribution of	Scans with an Electron Microprobe,
W /4-03382 /-0/ 3A	Phytoplankton and Primary Productivity Near	W74-04778 7-09 5A
MICHIGAN STATE UNIV., EAST LANSING.	the Western Shore of Lake Erie,	
DEPT. OF CIVIL ENGINEERING.	W74-03936 7-08 5C	A Scanning Electron Microscopic Study of
	to Posteriol Posterior of a Missoul	Secondary Lamellae and Chloride Cells of
Permeability of High Ash Papermill Sludge,	An Ecological Evaluation of a Thermal	Rainbow Trout (Salmo gairdneri),
W74-08425 7-16 5D	Discharge. Part III: The Distribution of	W74-08096 7-15 5C
MICHIGAN CO. CO. CO. C.	Zooplankton Along the Western Shore of Lake	
MICHIGAN STATE UNIV., EAST LANSING.	Erie,	MICHIGAN STATE UNIV., EAST LANSING.
DEPT. OF CROP AND SOIL SCIENCES.	W74-04095 7-08 5C	DEPT. OF POULTRY SCIENCE.
Nitrate in Unsaturated Zone of an Alluvial Soil		Effects of Dietary Mercury on Mink,
in Relation to Fertilizer Nitrogen Rate and Ir-	Ecological Factors Affecting the Accumulation	W74-10930 7-21 5C
rigation Level,	of Cesium-137 Fallout by a Natural Population	
W74-01774 7-04 2G	of Largemouth Bass, (Micropterus Salmoides),	MICHIGAN STATE UNIV., EAST LANSING.
	W74-05204 7-10 5C	DEPT. OF SOIL SCIENCE.
Long-Term Effects of Manure, Fertilizer, and		A New Electrical Soil-Moisture Measuring
Plow Depth on Chemical Properties of Soils	Influence of Salinity on Protein Requirements	Unit,
and Nutrient Movement in a Monoculture Corn	of Rainbow Trout (Salmo Gairdneri) Fin-	W74-01978 7-04 2G
System.	gerlings,	W 14 017 10
W74-06346 7-12 5B	W74-06086 7-12 5C	MICHIGAN STATE UNIV., EAST LANSING.
1174-00340 7-12 3B		DEPT. OF ZOOLOGY.
Biodegradation of Nitrilotriacetate (NTA) in	Survival and Reproduction of Ring-Necked	Ecological Concepts and Applications to
Soils,	Pheasants Consuming Two Mercurial Fungi-	Planning,
	cides,	W74-09418 7-18 6B
W74-07624 7-15 5B	W74-06808 7-13 5C	W 74-03416 7-16 UB
Environmental Control of Nitrogen Fixation in		MICHIGAN STATE UNIV., EAST LANSING.
	Part I - A Conceptual Model for a Terrestrial	INST. OF WATER RESEARCH.
Lakes, I. In situ Nitrogen Fixation by Free Liv-	Ecosystem Perturbed with Sewage Effluent,	Stream Community Response to Nutrient En-
ing Blue-Green Algae, and II. Nitrogen Fixa-	with Special Reference to the Michigan State	
tion by the Duckweed-Algal Association,	University Water Quality Management Project;	richment,
W74-07716 7-15 5C	Part II - A Personalized Bibliographi c	W74-01499 7-03 5C
		An Ecological Evaluation of Stream Eutrophi-
Aqua Regia for Quantitative Recovery of Mer-	Retrieval Package for Resource Scientists, W74-07606 7-15 5D	
curic Sulfide from Sediments,	W74-07606 7-15 5D	cation,
W74-09763 7-18 5A	Mercury Dynamics in a Warm Water Stream,	W74-02201 7-05 5C
·		S
Soil Modification for Dentrification and	W74-10692 7-20 5B	Sources of Mercury in the Environment,
Phosphate Reduction of Feedlot Waste,	Summertime Artificial Aeration Increases	W74-06771 7-13 5B
W74-12216 7-23 5D		MICHICAN CRAPE TAIR BACK LANGING
	Winter Oxygen Levels in a Michigan Lake,	MICHIGAN STATE UNIV., EAST LANSING.
MICHIGAN STATE UNIV., EAST LANSING.	W74-11939 7-22 5C	PESTICIDE RESEARCH CENTER.
DEPT. OF ECONOMICS.	Summertime Artificial Aeration Increases	Analytical Methodology for Bioactive Com-
Accounting for Pollution: Pollution Abatement		pounds. Photochemically Assisted Analysis of
and the National Product,	Winter Oxygen Levels in a Michigan Lake,	Chlorinated Hydrocarbon Pesticides in the
W74-03959 7-08 5G	W74-12968 7-24 5G	Presence of Polychlorinated Biphenyls,
11-03737	MICHIGAN STATE UNIV., EAST LANSING.	W74-01493 7-03 5A
MICHIGAN STATE UNIV., EAST LANSING.		
DEPT. OF ENTOMOLOGY.	DEPT. OF GEOLOGY.	MICHIGAN STATE UNIV., HICKORY
	Detrital Quartz as a Natural Tracer-Fourier	CORNERS. W. K. KELLOGG BIOLOGICAL
Studies on the Effects of Sewage Effluent on	Grain Shape Analysis,	STATION.
Selected Groups of Arthropods and	W74-06293 7-12 2J	Interaction of Yellow Organic Acids with Calci-
Phytopathic Nematodes.	MICHICAN CTATE UNITS TACE LANCES	um Carbonate in Freshwater,
W74-12202 7-23 5C	MICHIGAN STATE UNIV., EAST LANSING.	W74-00068 7-01 5B
MICHICAN CHARP TIMES TARREST ANDRES	DEPT. OF NATURAL SCIENCE.	
MICHIGAN STATE UNIV., EAST LANSING.	Horizontal Particle Velocity Profiles Beneath	Coprecipitation of Phosphate with Carbonates
DEPT. OF FISHERIES AND WILDLIFE.	the Crests of Waves Breaking on a Submarine	in a Marl Lake,
Effects of Artificial Aeration on the Chemistry	Bar,	W74-01843 7-04 2H
and Algae of Two Michigan Lakes,	W74-03107 7-06 2H	
W74-00048 7-01 5C		Increasing the Processing Rate of Particulate
	MICHIGAN STATE UNIV., EAST LANSING.	Organic Matter in Streams,
The Characterization and Influence of		
the Characterization and Influence of	DEPT. OF PARK AND RECREATION	
Domestic Drain Effluents on the Red Cedar	DEPT. OF PARK AND RECREATION RESOURCES.	W74-04202 7-08 5B
	DEPT. OF PARK AND RECREATION	
Domestic Drain Effluents on the Red Cedar	DEPT. OF PARK AND RECREATION RESOURCES.	W74-04202 7-08 5B

MICHIGAN STATE UNIV., HICKORY CORNERS, W. K. KELLOGG BIOLOGICAL

Diversity in Fresh-Water Phytopla W74-06057	7-12 5C	MICHIGAN UNIV., ANN ARBOR. DEPT. OF CIVIL ENGINEERING. Physicochemical Processes for Water Quality	MICHIGAN UNIV., ANN ARBOR. GREAT LAKES RESEARCH DIV. Limnological Survey of Lakes Michigan, Su-
Seasonal Changes in Organic Niti		Control.	perior, Huron and Erie,
of Net-and Nannophytoplankton water Lakes,	in Two Hard-	W74-04546 7-09 5D	W74-05067 7-10 5C
W74-06495	7-12 5C	Model for Coliform Bacteria in Grand Traverse	MICHIGAN UNIV., ANN ARBOR. MUSEUM OF ANTHROPOLOGY.
Productivity Investigations of It Marl Lakes (I). The Eight Lakes		Bay, W74-05328 7-10 5B	The Maroury Content of Probietoric Fish
and Walters Chains, Northeastern		The Structure of Management and Planning for	MICHIGAN UNIV., ANN ARBOR. SCHOOL OF
W74-06533	7-13 5C	the Coastal Zone,	NATURAL DESCUIPCES
A Worldwide Directory of Stream		W74-05702 7-11 2L	Applications of Linear Integer Programming to
W74-08235	7-16 10C	Oxygen Utilization in Bacterial-Protozoan	Problems of Land Use Allocation, W74-00503 7-01 4A
MICHIGAN STATE UNIV., LANSIN		Community,	
Ammonium and Nitrate Uptake mays L.) as Influenced by Nitrog.		W74-08776 7-17 5C	Physical and Biological Dispersion of the Hypolimnetic Phosphorus of a Bog Lake
tion and NH4(+)/NO3(-) Ratio,	en concentra	Seasonal Effects in Flood Synthesis,	System.
W74-07459	7-14 3F	W74-09910 7-19 4C	W74-02047 7-04 5B
Environment: A Bibliography of	Social Science	Seasonal Effects in Flood Synthesis,	Organic Phosphorus Compounds of a Northern
and Related Literature.		W74-13298 7-24 4C	
W74-08824	7-17 10D	MICHIGAN UNIV., ANN ARBOR. DEPT. OF	W74-06742 7-13 5C
MICHIGAN STATE UNIV., LANSII	NG. DEPT.	ENVIRONMENTAL AND INDUSTRIAL	Preliminary Report of the Role of Sphagnum in
OF CROP AND SOIL SCIENCES.		HEALTH.	the Cycling of Phosphorus in a Bog-Lake
The Soil as a Chemical Filter, W74-12873	7-24 5D	The Determination of Mono- and Dimethylmer-	System, W74-06743 7-13 5C
W 74-12873	1-24 3D	cury Compounds by Gas Chromatography, W74-06792 7-13 5A	
MICHIGAN TECHNOLOGICAL UI		W/4-00/72	lonic State and Coordination of Iron in Bog
HOUGHTON, DEPT, OF CIVIL EN Storage and Disposal of Iron O		The Role of Food Chains in Environmental	Lakes, W74-06744 7-13 5C
Wastewater,	ic Trocessing	Mercury Contamination, W74-06795 7-13 5B	
W74-10193	7-19 5D	W/4-00/93 /-13 3B	Distribution and Circulation of Atsente
MICHIGAN TECHNOLOGICAL U	NIV	Research Needs: Study of the Environmental	Through Water, Organisms and Sediments of Lake Michigan,
L'ANSE. FORD FORESTRY CENT		Dynamics of Mercury, W74-06798 7-13 5B	W74-07046 7-13 5R
Distribution of Free Iron and O		W/4-06/98 /-13 3B	Prediction of Environmental Quality in De-En-
as Related to Available War	ter in Some	Use of Rivers to Predict Accumulation in Sedi-	riched Stream Systems,
W74-07622	7-15 2G	ment of Radio-nuclides Discharged from	W74-12347 7-23 5C
MICHICAN UNIV ANN ADDOD		Nuclear Power Stations, W74-11654 7-22 5B	Decision Making Under Uncertainty:
MICHIGAN UNIV., ANN ARBOR. Effect of Adjacent Expansible	e Fluids and		Economic Evaluation of Streamflow Forecasts,
Caprock Leakage on Buildup as		MICHIGAN UNIV., ANN ARBOR. DEPT. OF	W74-13044 7-24 4A
Behavior of Wells in an Aquifer,	# 00 AP	GEOGRAPHY. The Simulation of Subsurface Effects on the	MICHIGAN UNIV., ANN ARBOR. SCHOOL OF
W74-04152	7-08 4B	Diurnal Surface Thermal Regime in Cold Re-	PUBLIC HEALTH.
A Simulation Sensitivity Analysis	of the Needle	gions,	Models for Environmental Pollution Control. W74-05386 7-10 5B
Ice Growth Environment, W74-04370	7-09 2C	W74-01988 7-04 2C	W 74-03360 7-10 3B
W 74-04370	1-09 2C	MICHIGAN UNIV., ANN ARBOR. DEPT. OF	Systems Analysis for Environmental Pollution
Monitoring of Solid Wastes,		INDUSTRIAL ENGINEERING.	Control, W74-05387 7-10 5G
W74-09216	7-17 5A	Surface Electromyography in Chronic Inor-	
MICHIGAN UNIV., ANN ARBOR.		ganic Mercury Intoxication, W74-06801 7-13 5C	Methods of Analysis for Mercury and its Com- pounds: A Review,
ATMOSPHERIC AND OCEANIC S An Investigation of the Structure			W74-06785 7-13 5A
over Water Surface Waves,	of Turbulence	MICHIGAN UNIV., ANN ARBOR. DEPT. OF NAVAL ARCHITECTURE AND MARINE	Des Deserves D. Lebert Mark Land Co. L. 191
W74-10650	7-20 2E	ENGINEERING.	Dose-Response Relationship Associated with Known Mercury Absorption at Low Dose
MICHIGAN UNIV., ANN ARBOR.	DEPT OF	Sources of Oil and Water in Bilges of Great	
ATMOSPHERIC AND OCEANIC S		Lakes Ships,	W74-06800 7-13 5C
AND MICHIGAN UNIV., ANN ARI		W74-10191 7-19 5E	The Dose-Response Relationship Resulting
OF APPLIED MECHANICS AND		MICHIGAN UNIV., ANN ARBOR. DEPT. OF	from Exposure to Alkyl Mercury Compounds,
ENGINEERING SCIENCE. On Wind-Driven Lake Circulation	1	ZOOLOGY.	W74-06805 7-13 5C
W74-11902	7-22 2H	Biota of Freshwater Ecosystems Identification Manual No. 11 Freshwater Unionacean clams	Epidemiological Approaches to the Study of
MICHIGAN UNIV., ANN ARBOR.	DEPT OF	(Mollusca: Pelecypoda) of North America,	Subclinical Effects of Mercury Intoxication,
CHEMISTRY.	DEF I. OF	W74-00564 7-02 2A	W74-06813 7-13 5B
A Simple, Rapid Method for the		MICHIGAN UNIV., ANN ARBOR.	Optimization of Water Quality Monitoring Pro-
of Trace Mercury in Fish Via N	eutron Activa-	ENVIRONMENTAL AND WATER RESOURCES	grammes,
tion Analysis, W74-06788	7-13 5A	ENGINEERING.	W74-10949 7-21 5A
		Activated Silica in Wastewater Coagulation,	MICHIGAN UNIV., ANN ARBOR.
Preliminary Studies of the Shoo Excitation Source for the Analys		W74-07738 7-15 5E	SHORELANDS MANAGEMENT UNIT. Water Zoning: The Management of Surface Ac-
Trace Metals in Aqueous Media,	or ociecied	Adsorption from Aqueous Solution,	tivity on Lakes, Streams, Rivers and Bays,
W74-11913	7-22 5A	W74-07739 7-15 5E	

Preliminary Laboratory Tests for the Control

MILAN UNIV. (ITALY). ISTITUTO DI

PATOLOGIA VEGETALE.

MICHIGAN UNIV., ANN ARBOR. WILLOW

Measurements Program for Oil-Slick Charac-

Methylmercury: Bacterial Degradation in Lake

7-24 5B

W74-13038

RUN LABS.

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD, LOWESTOFT (ENGLAND).

(USSR).

MINISTERSTVO GEOLOGII, TASHKENT

Water-Salt Balance of Groundwater in the

teristicsFinal Report, W74-01941	7-04 5B	of Algae in Rice Fields (In Italian), W74-05357 7-10	sc.	Golodnaya Steppe in 1969 (Vobalans podzemnykh vod Golodn	
		W 74-03337 7-10	30	1969 god),	by stepi za
MICHIGAN WATER RESOURCE COMMISSION, LANSING.	S	MILAN UNIV. (ITALY). LABORATORIO DI ZOOLOGIA.		W74-00340	7-01 4B
Michigan State Water Pollution	Control Plan.	Study on the Periphytic Colonizations of	f a N	MINISTRY OF AGRICULTURE AND)
W74-02511	7-05 5G	Lateral Environment of the River Po(Italy), Italian),	(In F	FISHERIES, WELLINGTON (NEW 2 FISHERIES RESEARCH DIV.	
MICROBIOLOGICAL RESEARCH		W74-07702 4 7-15		Effects of Paraguat on Invertebrat	tes in a Can-
ESTABLISHMENT, SALISBURY		7.13		tebury Stream, New Zealand,	
Phenotypic Variability of Proteins of Klebsiella aerogenes		MILBREW, INC., JUNEAU, WIS. AMBER LA	AB.	W74-01298	7-03 5C
W74-03882	7-08 5C	DIV. Protein Production from Acid Whey Via F	Fer-	Mass Stranding of Molluscs at	Te Waewae
Control of Mosquitoes Breeding	in Rice-Fields,	mentation,		Bay, Southland, New Zealand,	200 40
W74-07041	7-13 5G	W74-11795 7-22	5D	W74-11938	7-22 5C
MID AMERICA NAZABENE COL	LOLATHE	MILLERSVILLE STATE COLL., PA.	1	MINISTRY OF AGRICULTURE ANI	0
MID-AMERICA NAZARENE COI KANS.	L., OLAIRE,	Suspended Sediment Transport in Delaw	vare I	FORESTRY, HIRATSUKA (JAPAN).	
Effect of Phenol on Oxygen U	ntake Rate of a	Bay.	1	AGRICULTURAL ENGINEERING R	ESEARCH
Laboratory Population of C		W74-07233 7-14	2L 5	STATION.	
tenuatus (Walk.),				Wave Decaying Due to Breaking,	a 00 00
W74-03872	7-08 5C	MILLERSVILLE STATE COLL., PA. DEPT. O	OF	W74-03683	7-07 8B
MID-CUMBERLAND COUNCIL O	NP.	ZOOLOGY.	1	MINISTRY OF AGRICULTURE, BE	LFAST
GOVERNMENT, NASHVILLE, T		Distribution of the Fiddler Crabs, UCA Pugi and UCA Minax, in Relation to Salinity	gnax (NORTHERN IRELAND).	
Water and Sewer Needs of Lov		Delaware Rivers.	y III	The Detection of Clostridium W	elchii in the
lies for the Mid-Cumberland Re		W74-13468 7-24	5B	Differential Reinforced Clostrid	ial Medium
see.				Technique,	
W74-05870	7-11 5D	MILWAUKEE SEWERAGE COMMISSION,		W74-00661	7-02 5A
MID-MISSOURI REGIONAL PLA	NNING	WIS.	1	MINISTRY OF AGRICULTURE, FIS	HERIES
COMMISSION, JEFFERSON CIT		200 MGD Activated Sludge Plant Remo		AND FOOD, BURNHAM-ON-CROUG	
Phase I Comprehensive Water a		Phosphorus by Pickle Liquor, W74-04554 7-09	sp ((ENGLAND). FISHERIES LAB.	
W74-00813	7-02 6A	W 74-04354 7-03	30	Effects of Red Mud on Marine Ani	
MIDDLE CEORGIA ABEA BLAN	TAX TO SERVICE	Merchandising Heat-Dried Sludge,		W74-05325	7-10 5C
MIDDLE GEORGIA AREA PLAN COMMISSION, MACON.	NING	W74-11842 7-22	5D	A Membrane Filtration Technique	for the Fnu-
Water and Sewer Plan Update	Grav. Geor-	Pl -1 - P 1 1 4 -1 1 Cl-		meration of Escherichia Coli in Sea	
gia).	, (0.12), 0001	Phosphorus Removal by an Activated Slu- Plant.	age	W74-13237	7-24 5A
W74-01036	7-02 5D	W74-11927 7-22	5D .		
MIDDLEBURY COLL., VT.				MINISTRY OF AGRICULTURE, FIS AND FOOD, CAMBRIDGE (ENGLA	
Texture and Organic Carbon (Content of Rot-	MINERAL PIGMENTS CORP., BELTSVILLE		DRAINAGE EXPERIMENT UNIT.	ND). FIELD
tom Sediments in some Estuario		MD.		Observations on the Soil-Water I	Regimes in a
States,		An Ion-Exchange Process for Recovery	101	Drained Clay Soil,	
W74-07243	7-14 2L	Chromate From Pigment Manufacturing, W74-10423 7-20	SD	W74-00359	7-01 2G
MIDDLESEX HOSPITAL MEDIC	AL SCHOOL	W 74-10423		MINISTRY OF AGRICULTURE, FIS	CHEDIEC
LONDON (ENGLAND).	AL SCHOOL,	MINERAL RESEARCH AND EXPLORATION		AND FOOD, CONWAY (WALES). F	
The Sensitivity of Suppresse	d and Unsup-	INST., ANKARA (TURKEY).	1	EXPERIMENT STATION.	DILEKTES
pressed Lon Strains of Esch		Origin of Geothermal Waters or Natural Ste	eam,	The Effect of Supplementary Algo	al Feeding of
Chemical Agents with Induce F		W74-09002 7-17	2F	a Hatchery Breeding Stock of Ost	rea Edulis L.
W74-01524	7-03 5C	MINERAL RESEARCH AND EXPLORATION	N	on Larval Vigour.	
MIDWEST RESEARCH INST., K	ANSAS CITY.	INST., ANKARA (TURKEY). TECHNICAL		W74-13042	7-24 81
MO.		DATA.		MINISTRY OF AGRICULTURE, FIS	SHERIES
The Pollution Potential in Pes	ticide Manufac-	Geothermal Drilling and Preliminary		AND FOOD, LONDON (ENGLAND).	
turing.		Operations at Kizildere, Turkey,		AND FRESHWATER FISHERIES LA	AB.
W74-02685	7-06 5C	W74-09029 7-17	8A	Changes in Urine Flow Rate and	
Oxygenation of Aqueous Bodie	es Using Liquid	MINING RESEARCH AND SERVICE		Value of Rainbow Trout Salm	
Oxygen-Loxination,		ORGANIZATION, TAIPEI (TAIWAN).		(Richardson) Exposed to Hypoxia, W74-12277	7-23 5C
W74-07741	7-15 5D	Geology and Geothermal Power Potential	d of	W 14-12211	1-23 30
Pyrolysis as a Method of Dis	nosal of Cattle	the Tatun Volcanic Region,		MINISTRY OF AGRICULTURE, FIS	
Feedlot Wastes,	posar or Cause	W74-08990 7-17	2F	AND FOOD, LOWESTOFT, (ENGL/	AND).
W74-09673	7-18 5D	Study of Heat Conduction Models of Geot	ther-	Currents and Water Masses,	200
		mal Energy Reservoirs,		W74-03029	7-06 2E
A Waste Treatment System fo	r Confined Hog	W74-09006 7-17	2F	The Application of Photo-Oxide	ation to the
Raising Operations, W74-11792	7-22 5D		_	Determination of Stable Cobalt in	
	50	MINISTERE DE L'AGRICULTURE, OSTEND	D	W74-05473	7-11 5A
Feasibility of Emission Stand	lards Based on	(BELGIUM). SEA FISHERIES RESEARCH STATION.		MINISTRY OF AGRICULTURE, FI	CHEBIPS
Particle Size,	9.00 40	On the Effects of Dumped Organic Indus		AND FOOD, LOWESTOFT (ENGLA	
W74-12219	7-23 5G	West Desires to the Desires		DIGITAL TO A PART OF THE PART	

Proteolytic Enzymes on Density, Distribution

7-24 5C

W74-02721

and Quality of Fish and Shrimps,

W74-13102

7-06 5B

The Adsorption of Rhodamine-B on to Materi-

als Carried in Suspension by Inshore Waters,

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD, LOWESTOFT (ENGLAND).

The Size of Diatoms. V. The Effect of Animal Grazing,	MINISTRY OF FINANCE, PLANNING AND DEVELOPMENT, ISLAMABAD (PAKISTAN).	MINISTRY OF THE ENVIRONMENT, TORONTO (ONTARIO). SANITARY
W74-10762 7-20 5C	DIV. OF WATER RESOURCES. Transfer of Knowledge in Water Resources	ENGINEERING BRANCH. Phosphorus Removal in Ontario.
MINISTRY OF AGRICULTURE, FISHERIES AND FOOD, LOWESTOFT (ENGLAND).	from Developed to Developing Regions with Special Reference to the Conditions of West	W74-08847 7-17 5E
FISHERIES RADIOBIOLOGICAL LAB.	Pakistan,	MINISTRY OF THE ENVIRONMENT,
Distribution of Caesium-137 in British Coastal Waters,	W74-00217 7-01 10A	TORONTO (ONTARIO). WASTE MANAGEMENT BRANCH.
W74-02365 7-05 5B	MINISTRY OF HEALTH, KUALA LUMPUR (MALAYSIA).	Land Application of Processed Organic Wastes.
Trace Metals in the North Sea, W74-06011 7-12 5A	Water Pollution and Environmental Health, W74-08479 7-16 5G	W74-08862 7-17 5E
Radioecology of the Plaice (Pleuronectes	MINISTRY OF HEALTH, NEW DELHI (INDIA).	MINISTRY OF TRANSPORT AND WATERWAYS, THE HAGUE (NETHERLANDS)
platessa L) in the Northeast Irish Sea, W74-07802 7-15 5C	Water Quality and Human Health, W74-01865 7-04 5F	MAAS-RIVER STUDY DIV. Roughness Coefficients of Vegetated Floor
Radioactivity in Surface and Coastal Waters of the British Isles, 1971.	MINISTRY OF HEALTH, SAIGON (VIETNAM). ENVIRONMENTAL SANITATION SERVICE.	Plains, W74-11136 7-21 2E
W74-09875 7-19 5D	Development of Water Supply in Vietnam, W74-08460 7-16 5G	MINISTRY OF TRANSPORTATION,
The Accumulation and Retention of 65Zn and		YOKOSUKA (JAPAN). PORT AND HARBOUR RESEARCH INST.
54Mn by the Plaice, Pleuronectes Platessa L., W74-11299 7-21 5C	MINISTRY OF NATURAL RESOURCES THUNDER BAY (ONTARIO). FISHERIES	A Study of Critical Depth and Mode of Sand Movement Using Radioactive Glass Sand,
	RESEARCH BRANCH.	W74-04752 7-09 2
The Accumulation and Retention of 59Fe and 58Co by the Plaice, Pleuronectes Platessa L.,	Effects of Temperature on Embryonic Development of Lake Herring (Coregonus ar-	Approximate Estimations of Correlation Coef
W74-11300 7-21 5C	tedii),	ficient Between Wave Height and Period o
The Accumulation from Sea Water of 65Zn,	W74-02878 7-06 5C	Shallow Water Wind Waves,
54Mn, 58Co and 59Fe by the Thornback Ray,	MINISTRY OF PUBLIC WORKS AND	W74-04761 7-09 21
Raja Clavata L., W74-11304 7-21 5C	ELECTRICAL ENERGY, DJAKARTA (INDONESIA). PLANNING AND URBAN	MINISTRY OF WATER AND POWER, TEHRAN
MINISTRY OF AGRICULTURE, FISHERIES	DEVELOPMENT.	(IRAN). Groundwater Investigation and Management is
AND FOOD, PORT ERIN (ENGLAND).	Summary Report on Pollution Control in In- donesia,	Iran, W74-04569 7-09 71
FISHERIES LAB.	W74-08484 7-16 5G	
The Effect of Algae on the Water Conditions in Fish Rearing Tanks in Relation to the Growth of Juvenile Sole, Solea Solea (L.),	MINISTRY OF PUBLIC WORKS AND ELECTRICAL ENERGY, DJAKARTA	MINISTRY OF WATER AND POWER, TEHRAN (IRAN). RESEARCH DIV. Possibilities of Supply and Proper use of Wate
W74-13088 7-24 5C	(INDONESIA). WATER RESOURCES DEVELOPMENT.	in the Garmsar Area, W74-05217 7-10 30
MINISTRY OF AGRICULTURE, FISHERIES AND FOOD, WEYBRIDGE (ENGLAND).	Rational Use of Water, W74-08466 7-16 6B	
CENTRAL VETERINARY LAB.		MINISTRY OF WORKS, NELSON (NEW ZEALAND). WATER AND SOIL DIV.
The Rapid Determination of The Or- ganophosphorus Pesticides Diazinon and	MINISTRY OF SCIENCE AND TECHNOLOGY, SINGAPORE. INDUSTRIAL LIAISON UNIT.	Mapping Average Annual Surface Water Resources of the Hydrological Regions of Ne
Dichlorvos in Blood by Gas Chromatography,	The Slop Oil Problem in Singapore, W74-08471 7-16 5G	son, New Zealand,
W74-00460 7-01 5A		W74-02290 7-05 21
MINISTRY OF AGRICULTURE, JERUSALEM (ISRAEL). HYDROLOGICAL SERVICE.	MINISTRY OF THE ENVIRONMENT, OTTAWA (ONTARIO). WATER QUALITY	MINISTRY OF WORKS, ROTORUA (NEW ZEALAND).
Hydrometric Stations in Arid Zones,	BRANCH. Waste Disposal Systems from a Groundwater	Geothermal Energy Resources for Heating an
W74-11496 7-22 7B	Hydrology and Pollution Point of View,	Associated Applications in Rotorua and Sur rounding Areas,
Manual and Automatic Evaluation of Hydrometric Data in Israel,	W74-08594 7-16 5E	W74-09042 7-17 4
W74-11565 7-22 7C	MINISTRY OF THE ENVIRONMENT, REXDALE (ONTARIO). WATER QUALITY	MINISTRY OF WORKS, WAIRAKEI (NEW
MINISTRY OF AGRICULTURE, TEL-AVIV	BRANCH.	ZEALAND). Ground Subsidence of a Geothermal Field Dur
(ISRAEL). WATER POLLUTION CONTROL	Nutrients in Subsurface and Runoff Waters of the Holland Marsh, Ontario,	ing Exploitation,
DIV. Water-Quality Aspects of Ground-Water	W74-04478 7-09 5B	W74-09010 7-17 4
Recharge in Israel, W74-06363 7-12 5D	MINISTRY OF THE ENVIRONMENT,	MINISTRY OF WORKS, WELLINGTON (NEW ZEALAND).
MINISTRY OF CONSTRUCTION SPORE	TORONTO (ONTARIO). Guidelines for Conducting Treatability Studies	The Behaviour of the Wairakei Geotherms
MINISTRY OF CONSTRUCTION, SEOUL (REPUBLIC OF KOREA).	for Phosphorus Removal at Wastewater Treat- ment Plants.	Field During Exploitation, W74-09025 7-17 4
Development of Water from Fractured Crystal-	W74-08848 7-17 5D	
line Rocks, Republic of Korea, W74-12018 7-23 4B	Phosphorus Removal in Seasonal Retention	Casing String Design for Geothermal Wells, W74-09032 7-17 8.
	Lagoons by Batch Chemical Precipitation,	
MINISTRY OF ENVIRONMENT, OSLO (NORWAY).	W74-08851 7-17 5D	Wairakei Power Station New Zealand Economic Factors of Development and Opera
A Description of Some Recent Research Work	MINISTRY OF THE ENVIRONMENT,	tion,
of Particular Interest for the Introduction of New Wastewater Treatment Methods in Nor-	TORONTO (ONTARIO). RESEARCH BRANCH. Design Considerations in the Implementation of	W74-09048 7-17 6
way,	Ontario's Phosphorus Removal Programme,	Well Measurements,
W74-10180 7-19 5D	W74-08852 7-17 5D	W74-11760 7-22 4

MINNESOTA UNIV., ST. PAUL. DEPT. OF AGRICULTURAL ENGINEERING.

MINISTRY OF WORKS, WELLINGTON (NEW	MINNESOTA UNIV., DULUTH. DEPT. OF	Ranger Submarine Slide, Northern Sebastian
ZEALAND). WATER AND SOIL DIV. The Water Balance of New Zealand,	GEOGRAPHY. The Lobster Fishing Industry of Mt. Pleasant,	Vizcaino Bay, Baja California, Mexico, W74-07938 7-15 2J
W74-02291 7-05 2A	Bequia Island, West Indies,	MINNESOTA UNIV., MINNEAPOLIS, DEPT. OF
MINNESOTA DEPT. OF CONSERVATION, ST.	W74-12774 7-24 6C	MECHANICAL ENGINEERING.
PAUL, DIV. OF GAME AND FISH.	MINNESOTA UNIV., MINN. DEPT. OF	Physical Characterization of California
Lake Superior Investigations,	AGRICULTURAL AND APPLIED ECONOMICS.	Aerosols, W74-10954 7-21 5A
W74-12079 7-23 8I	Flood Control, Navigation, and Other Alterna- tive Water Resources Policies in Minnesota,	W /4-10934 /-21 3A
MINNESOTA DEPT. OF HEALTH,	W74-12206 7-23 6F	Linear Decision Rule: A Note on Control
MINNEAPOLIS.		Volume Being Constant,
Survey of Environmental Radioactivity,	MINNESOTA UNIV., MINNEAPOLIS.	W74-13019 7-24 4A
(January 1973-December 1973).	Direct Determination of the Total Atmospheric Aerosol Mass Distribution.	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF
W74-09431 7-18 5A	W74-10967 7-21 5A	SOIL.
MINNESOTA DEPT. OF HEALTH,	**************************************	Establishing the Impact of Agricultural Prac- tices on Groundwater Quality,
MINNEAPOLIS. DIV. OF ENVIRONMENTAL	MINNESOTA UNIV., MINNEAPOLIS. AGRICULTURE EXTENSION SERVICE.	W74-00571 7-02 5B
HEALTH.	That Waste Disposal Problem,	
Water Well Records and Information System	W74-10726 7-20 5D	MINNESOTA UNIV., MINNEAPOLIS.
Needs,	MININEGORA DINEN MININEAROLIG DERF OF	LIMNOLOGICAL RESEARCH CENTER. Rates of Photosynthesis and Phytoplankton
W74-00574 7-02 7C	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF AGRICULTURAL AND APPLIED ECONOMICS.	Growth in Shagawa Lake, Minnesota,
MINNESOTA DEPT. OF NATURAL	Minnesota Floods, 1972Costs, Programs and	W74-00151 7-01 5C
RESOURCES, SAINT PAUL.	Policy Implications,	Limnology of Lake Minnetonka,
A Game Plan for Water Resources,	W74-10417 7-20 6F	W74-10418 7-20 5C
W74-10734 7-20 6E	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	
MINNESOTA DEPT. OF NATURAL	AGRICULTURAL ECONOMICS.	Mechanisms that Regulate Growth Rates of
RESOURCES, ST. PAUL.	Subsurface Irrigation with Heated Water, Its	Phytoplankton in Shagawa Lake, Minnesota, W74-10422 7-20 5C
Ground Water, A Resource to be Protected,	Management and Application Toward Reduc-	
W74-00566 7-02 5B	tion of Thermal Pollution Problems, W74-12358 7-23 3F	MINNESOTA UNIV., MINNEAPOLIS. SCHOOL
Agricultural Drainage and the Public Interest,	W/4-12338 /-23 3F	OF PUBLIC HEALTH.
(Part I),	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	Ground Water Quality Information Systems - Experiences in Other States,
W74-13232 7-24 3F	AGRICULTURAL ENGINEERING.	W74-00576 7-02 7C
	Conventional Stall Barns with Gutter Grates and Liquid Manure Storage,	Date of the Employment of Charles
MINNESOTA DEPT. OF NATURAL	W74-10298 7-19 5D	Effects of Landfill Disposal of Chemical Wastes on Groundwater Quality,
RESOURCES, ST. PAUL. DIV. OF WATERS, SOILS AND MINERALS.		W74-10278 7-19 5B
The Use of Groundwater in Minnesota,	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF CHEMICAL ENGINEERING AND MATERIALS	
W74-00568 7-02 4B	SCIENCE.	MINNESOTA UNIV., MINNEAPOLIS. ST. ANTHONY FALLS HYDRAULIC LAB.
	Differential Counting in Mixed Cultures with	Heated Surface Discharges into Flowing Am-
New Water LawsWhat They Mean to You, W74-10519 7-20 6E	Coulter Counters,	bient Streams and Lakes,
W/4-10319 /-20 6E	W74-00614 7-02 5A	W74-03794 7-08 5D
Resolving Water Resource Riddles,	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	The Use of Standard Bodies to Measure the
W74-13230 7-24 3F	CIVIL AND MINERAL ENGINEERING.	Cavitation Strength of Water,
MINNESOTA MINING AND MFG. CO., ST.	Carbon Measurements in Water Quality Moni-	W74-11034 7-21 8B
PAUL. (ASSIGNEE)	toring,	MINNESOTA UNIV., SAINT PAUL. DEPT. OF
Method for Separating Oil from Water,	W74-07641 7-15 5A	AGRICULTURAL ENGINEERING.
W74-03023 7-06 5G	Process Kinetics for Denitrification,	Infiltration and Root Extraction from Subsur-
MINNESOTA BOLL LITION CONTROL	W74-08320 7-16 5D	face Irrigation Laterals,
MINNESOTA POLLUTION CONTROL AGENCY, MINNEAPOLIS. DIV. OF WATER	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	W74-08270 7-16 3F
QUALITY.	ECOLOGY AND BEHAVIORAL BIOLOGY.	MINNESOTA UNIV., ST. PAUL.
Ground Water Pollution Problems in Min-	Phytoplankton Nutrition and Photosynthesis in	AGRICULTURAL EXTENSION SERVICE.
nesota,	Lake Minnetonka and Lakes at Fairmont, Min-	Needs and Uses for a Ground Water Quality
W74-00570 7-02 5B	nesota, W74-12227 7-23 5C	Data System, W74-00573 7-02 7A
MINNESOTA STATE HIGHWAY DEPT.,		
MINNEAPOLIS.	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	MINNESOTA UNIV., ST. PAUL.
Floods in Minnesota,	ECONOMICS. Coming to Terms with Growth and the En-	AGRICULTURE EXTENSION SERVICE.
W74-09395 7-18 2E	vironment.	Economics of Land Use Regulation in Flood Hazard Areas,
MINNESOTA STATE PLANNING AGENCY, ST.	W74-03465 7-07 6B	W74-10529 7-20 6F
PAUL.	MINNESOTA UNIV. MINNEABOLIS DEPT OF	MINNESOTA IINIV OF BALL DEEP OF
Relation of Ground Water Quality Information	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF GEOGRAPHY.	MINNESOTA UNIV., ST. PAUL. DEPT. OF AGRICULTURAL AND APPLIED ECONOMICS.
System and Other Systems in Minnesota,	ERTS-1 Applications to Minnesota Land Use	Area Financing of Water Resource Develop-
W74-00579 7-02 7C	Mapping,	ment in West Minnesota,
MINNESOTA STATE PLANNING AGENCY, ST.	W74-06632 7-13 4A	W74-06846 7-13 6B
PAUL. ENVIRONMENTAL QUALITY	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF	MINNESOTA UNIV., ST. PAUL. DEPT. OF
PLANNING.	GEOLOGY AND GEOPHYSICS.	AGRICULTURAL ENGINEERING.

Flow Near the Margin of the Barnes Ice Cap,

and the Development of Ice-Cored Moraines, W74-01955 7-04 2C

Minnesota Natural Resource Information

7-06 10B

System, W74-03053 A Simulation Model for Evaluating Irrigation Management Practices,

MINNESOTA UNIV., ST. PAUL. D	EPT. OF AGRICU	ULTURAL ENGINEERING.			
Settling Solids in Animal Waste	Slurries,	Alfalfa Crop Productivity Analysi	8,	MISSISSIPPI STATE UNIV., STA	TE COLLEGE.
W74-10148	7-19 5D	W74-05521	7-11 7B	DEPT. OF ZOOLOGY.	
MINNESOTA UNIV., ST. PAUL. D	EPT. OF	MINNESOTA UNIV., ST. PAUL. W.	ATER	Toxicity of Twenty-Three Inse bificid Worm Branchiura sow	
AGRONOMY AND PLANT GENE		RESOURCES RESEARCH CENTER		Mississippi Delta,	erbyi from the
Elemental Composition and	Response to	Water Resources Problems a		W74-01740	7-04 5C
Nitrogen of Sunflower and Corn		Needs in Minnesota, 1974 - G	Suidelines for		
W74-05703	7-11 3F	Research Programs, W74-09656	7-18 6B	Mirex Incorporation in the En	
MINNESOTA UNIV., ST. PAUL. D	EPT. OF			icity in Selected Freshwater Or W74-06032	7-12 5C
ENTOMOLOGY, FISHERIES ANI		MISSISSIPPI MARINE CONSERVA	TION		
Swimming Endurance and		COMMISSION, BILOXI. Seasonal and Areal Distri	ibution and	MISSISSIPPI STATE UNIV., STA	
Copper and Malathion of Blueg Long-Term Exposure to Suble		Abundance of the Copepoda in		SOCIAL SCIENCE RESEARCH	
Hydrogen Sulfide,	that Levels of	Estuarine System.	u mississippi	Public Participation in Warning and Decision-Making	
W74-01579	7-03 5C	W74-02637	7-05 2L	mation-Education Programs:	
	G11-1	Development of a Mathematical	Model to Dre	Arts Study,	t otate of the
A Tissue Enzyme Assay for Hydrocarbon Insecticides,	or Chlorinated	dict the Occurrence of Cynoscio		W74-10393	7-20 6B
W74-10526	7-20 5C	Mississippi Estuaries,		MATCHEST CT A TO TIME OF	TE COLLEGE
		W74-02640	7-05 2L	MISSISSIPPI STATE UNIV., STA WATER RESOURCES RESEARC	
Recovery of Standing Crop a		MISSISSIPPI POWER AND LIGHT	co	The Water Budget and Waste	
Rate of a Brook Trout Populati Damaged Stream,	ion in a Flood-	VICKSBURG.	CO.,	Modern Dairy,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
W74-13095	7-24 5C	Look, No Clarifier,		W74-00560	7-02 5D
		W74-03220	7-07 5F	Accumulation of Sediment in 7	Three Mississinni
MINNESOTA UNIV., ST. PAUL. E GEOLOGY AND GEOPHYSICS.	DEPT. OF	MISSISSIPPI RESEARCH AND		Reservoirs,	mee Mississippi
Hydrogeologic Framework for l	Deterioration in	DEVELOPMENT CENTER, JACKS	SON.	W74-00561	7-02 23
Groundwater Quality.	Deterioration in	An Evaluation of the Water-Rela	ted Economic		
W74-00569	7-02 5B	Resource Development of Appa	lachia-In-Mis-	Proceedings, Mississippi Water ference, 1973.	Resources Con-
MINNESOTA UNIV., ST. PAUL. I	APPE OF	sissippi,	7.00 (1	W74-03212	7-07 5B
HORTICULTURAL SCIENCE.	EPI. OF	W74-00799	7-02 6A		
Use of Drainage Patterns an	d Densities to	MISSISSIPPI STATE DEPT. OF AR	CHIVES	MISSISSIPPI UNIV., OXFORD. I	
Evaluate Large Scale Land Area		AND HISTORY, JACKSON.		BUSINESS AND ECONOMIC RE	
Management,		Archaeological Survey in the Tor	mbigbee River	A Conceptual and Empirical A Pricing in Mississippi Municipa	
W74-13453	7-24 4A	Drainage Area: May-June, 1970, W74-12240	7-23 7B	W74-13054	7-24 6B
MINNESOTA UNIV., ST. PAUL. I	DEPT. OF SOIL	W 74-12240	1-23 12		
SCIENCE.		MISSISSIPPI STATE UNIV., STAT	E COLLEGE.	MISSISSIPPI UNIV., UNIVERSI	
Mineral Nitrogen Movement int		DEPT. OF AGRICULTURAL AND		Nitrogen, Phosporus and Oth	
lowing Continued Annual F	ertilization for	BIOLOGICAL ENGINEERING. Severity and Frequency of Drou	oht in Missis.	Sediments from Reservoirs in pi,	North Mississip-
Corn, W74-06898	7-13 5B	sippi,	ight in Missis-	W74-03213	7-07 5B
W 74-00020	7-13 30	W74-13052	7-24 2B		
MINNESOTA UNIV., ST. PAUL. I		MISSISSIPPI STATE UNIV., STAT	P COLLECT	MISSISSIPPI UNIV., UNIVERSIT	TY. DEPT. OF
BIOLOGICAL RESEARCH FOUN		DEPT. OF AGRONOMY.	E COLLEGE.	BIOLOGY. The Effects of Variations in 7	Turbidity on Cu
Metabolic Cycles for Toxic Ele ous Systems,	ments in Aque-	An Electronic Sensor and Circ	uit for Auto-	cles of Planktonic and Benth	
W74-10791	7-20 5C	matic Operation of Rainfall Shelte		Flood Control Reservoirs of	
		W74-00042	7-01 7B	sippi,	
MINNESOTA UNIV., ST. PAUL. I	NST. OF	MISSISSIPPI STATE UNIV., STAT	E COLLEGE.	W74-10532	7-20 5C
AGRICULTURE. Social and Economic Factors i	n the Adoption	DEPT. OF CIVIL ENGINEERING.		MISSISSIPPI UNIV., UNIVERSI	TV DEPT OF
by Industry of Water Pollution		Evaluation of Current Technique	s for Nutrient	GEOLOGY AND GEOLOGICAL	
sures in Minnesota,		Removal from Wastewaters,		ENGINEERING.	
W74-07834	7-15 5G	W74-07441	7-14 5D	Interaction of Bulk Precip	
MINNESOTA UNIV., ST. PAUL. I	NST. OF	MISSISSIPPI STATE UNIV., STAT	E COLLEGE.	Water, and Sewage in a Small	Watershed Near
AGRICULTURE REMOTE SENSI		DEPT. OF GEOLOGY AND GEOG		Oxford, Mississippi, W74-00005	7.01 24
Applications of Aerial Photogra		Compositional Sorting of Topogra		₩ /4-00003	7-01 2A
Data to Agricultural, Fores		Tennessee River Gravels: A Glacis,	cial Hypothes-	Occurrence and Distribution of	
Resources Management.	7.11 75	W74-05718	7-11 2J	and Trace Metals in the Bott	om Sediment of
W74-05515	7-11 7B			Biloxi Bay, Mississippi, W74-12860	7.24
Forest Disease Detection and C.	ontrol	An Evaluation of Subsurface To	echniques For	W /4-12800	7-24 21

Forest Disease Detection and Control, 7-11 7B W74-05516

Evaluation of Peatland Water Table Elevation and Water Quality Indicators, W74-05517 7-11 7B

Forest Vegetation Classification and Management,

W74-05518 Detecting Saline Soils in the Red River Valley, Minnesota, by Remote Sensing Techniques, W74-05519 7-11 7B

Corn Defoliation Surveys, W74-05520 7-11 7B Aquifer Prediction in Complex Sedimentary Systems.

W74-10533 7-20 2F

MISSISSIPPI STATE UNIV., STATE
DEPT. OF MICROBIOLOGY.
Study of the Extracellular Polysaccharides
Produced by a Blue-Green Alga, A-37,
7-02 5G

MISSISSIPPI STATE UNIV., STATE COLLEGE. DEPT. OF WILDLIFE AND FISHERIES.

Effects of Offal Disposal From Animal Processing Plants on Water Quality and Aquatic Life of Natural Streams, W74-13053 7-24 5C

MISSOURI AGRICULTURAL EXPERIMENT STATION, COLUMBIA.

Distribution and Chemistry of Phosphorus in an Albaqualf Soil After 82 Years of Phosphate Fertilization, W74-07532 7-14 5B

MISSOURI UNIV., COLUMBIA.

The Importance of Chelating Agents in Natural Waters and Wastewaters, W74-01326

A Review of Public and Private Livestock Waste Regulations, W74-09669 7-18 5G

MITSUI MINING AND SMELTING CO. LTD., TOKYO (JAPAN). (ASSIGNEE).

The Kinetics of Inorganic Carbon-Limited Algal Growth,	MISSOURI UNIV., COLUMBIA. WATER RESOURCES RESEARCH CENTER.	MISSOURI UNIV., ROLLA. GRADUATE CENTER FOR MATERIALS RESEARCH.
W74-13410 7-24 5C	A Q-Methodological Study of Attitudes Toward Water Resources and Implications for Using	Organic Desorption from Carbon-II. The Effect
MISSOURI UNIV., COLUMBIA. DEPT. OF	Mass Media in Dissemination of Water	of Solvent in the Desorption of Phenol from Wet Carbon,
AGRICULTURAL CHEMISTRY. Critical Study of the APCD-MIBK Extraction	Research Results, W74-12192 7-23 6B	W74-02418 7-05 5A
System for Atomic Absorption, W74-01329 7-03 5A	MISSOURI UNIV., KANSAS CITY. DEPT. OF	Organic Desorption from Carbon-II. The Effect of Solvent in the Desorption of Phenol from
Evaluation of Zinc Availability in Foodstuffs of	BIOLOGY. Limnological Studies of Lake Jacomo, Jackson	Dry Carbon, W74-02419 7-05 5A
Plant and Animal Origin, W74-07706 7-15 5C	County, Missouri. II. The Dynamics of the Macrobenthos and Its Relationship to Water	MISSOURI WATER RESOURCES RESEARCH
MISSOURI UNIV., COLUMBIA. DEPT. OF	Quality and Plankton Distribution in Lakes Jacomo and Prairie Lee, with a Note on the	CENTER, COLUMBIA. An Analytical Method for Total Heavy Metal
AGRICULTURAL ENGINEERING. Irrigation Disposal of Milking Center Wastes,	Sport Fishery, 1971-1972, W74-09660 7-18 5C	Complexing Agents in Water and its Applica- tion to Water Quality Studies,
W74-10304 7-19 5D	MISSOURI UNIV., KANSAS CITY. DEPT. OF	W74-02658 7-06 5A
MISSOURI UNIV., COLUMBIA. DEPT. OF	CHEMISTRY. A Fluorometric Method for the Determination	MISSOURI WATER RESOURCES RESEARCH CENTER, ROLLA.
AGRONOMY. Determination of the Rate of Tripoly- and	of Nitrilotriacetic Acid,	Heavy Metals in the Main Streams of the
Pyro-Phosphate Hydrolysis in Sediments, W74-05542 7-11 5A	W74-00274 7-01 5A	James River Basin, Missouri, W74-02445 7-05 5A
	MISSOURI UNIV., KANSAS CITY. DEPT. OF PHYSICS.	MITCHELL COLL. OF ADVANCED
A Computer Simulation of Corn Grain Produc- tion,	High Sensitivity Laser Absorption Spectrosco- py of Laboratory Aqueous Solutions and of	EDUCATION, BATHURST (AUSTRALIA). Resonant and Nonresonant Motion in a Spin-
W74-08917 7-17 3F	Natural Missouri Waters. A Feasibility Study, W74-01658 7-04 2K	dle-Shaped Basin with an Entrance, W74-09893 7-19 2E
MISSOURI UNIV., COLUMBIA. DEPT. OF CHEMISTRY.		
Copper Micronutrient Requirement for Algae,	Infrared Reflectance Measurements of Missou- ri Waters for Water Quality Applications,	MITRE CORP., MCLEAN, VA. Air Quality Indices from ERTS-1 MSS Infor-
W74-01398 7-03 5C	W74-01659 7-04 5A	mation, PR 568, W74-06696 7-13 5A
Atomic Absorption Detector for Liquid-Liquid	Optical Constants of Water in the 200-nm to 200-Micrometer Wavelength Region.	
Chromatography, W74-06998 7-13 5A	W74-02167 7-05 2K	Dimensions of Monitoring, W74-09217 7-17 7A
An Atomic Absorption Analysis Method for	Interfacial Interaction of Water and Silicate	Bureau of Mines Environmental Action Pro-
Cyanide, W74-06999 7-13 5A	Minerals, W74-09805 7-19 2K	grams for Northeastern PennsylvaniaRefuse Bank Removal; Subsidence Monitoring,
Coal Humates for the Removal of Water Pollu-	MISSOURI UNIV., ROLLA.	W74-10270 7-19 5A
tants Associated With the Use of Coal,	Water Jet Cutting of Sedimentary Rock, W74-07883 7-15 8B	Fixed Versus Variable Environmental Stan-
W74-10993 7-21 5D		dards, W74-12470 7-23 6G
MISSOURI UNIV., COLUMBIA. DEPT. OF	The Lead Industry as a Source of Trace Metals in the Environment,	MITSUBISHI-HEAVY INDUSTRIES, LTD.,
CIVIL ENGINEERING. Optimization of Operation of a System of	W74-09208 7-17 5B	OMIYA, (JAPAN). CENTRAL RESEARCH LAB.
Flood Control Reservoirs,	MISSOURI UNIV., ROLLA. DEPT. OF	Basic Characteristics of Ozonizers and Evalua-
W74-04858 7-10 4A	CHEMISTRY. Effects of Surfactants on Atomic Absorption	tion of 'Mitsubishi Ozonizer', W74-13412 7-24 5D
Flow Measurement by the Integrating Float	Analysis of Dilute Aqueous Copper and Nickel	MITSUBISHI-HEAVY INDUSTRIES LTD.,
Method. W74-11509 7-22 7B	Solutions, W74-05313 7-10 5A	ONIZA, (JAPAN). CENTRAL RESEARCH LAB. Deodorization with Ozone.
MISSOURI UNIV., COLUMBIA. DEPT. OF	MISSOURI UNIV., ROLLA. DEPT. OF	W74-13413 7-24 5D
FORESTRY.	GEOLOGICAL ENGINEERING.	MITSUBISHI HEAVY-INDUSTRIES LTD.,
Soil Storage Limitations on Effluent Irrigation, W74-05676 7-11 5D	Survey of Industrial Waste Injection Wells, Volume III.	TOKYO (JAPAN).
	W74-01714 7-04 5E	Electrochemical Treatment of Industrial Waste Water,
MISSOURI UNIV., COLUMBIA. DEPT. OF GEOLOGY.	Industrial Wastewater-Injection Wells in United StatesStatus of Use and Regulation.	W74-13303 7-24 5D
Hydrogeology of Carbonate and Volcanic	1973,	MITSUBISHI JUKOGYO KABUSHIKI KAISHA,
RocksSimilarities and Contrasts, W74-07134 7-14 2F	W74-03355 7-07 5E	TOKYO (JAPAN). (ASSIGNEE) Device for Removing a Sludge from a Surface,
Association Constants of Ion Pairs in Natural	MISSOURI UNIV., ROLLA. DEPT. OF GEOLOGY AND GEOPHYSICS.	W74-13249 7-24 5D
Waters,	The Detection of Subsurface Stream Channels	MITSUI MINING AND SMELTING CO. LTD.,
W74-09806 7-19 2K	in Carbonate Rocks by Geoelectrical Methods, W74-05541 7-11 2F	TOKYO (JAPAN). Method for the Treatment of Water,
MISSOURI UNIV., COLUMBIA.		W74-12448 7-23 5D
ENVIRONMENTAL TRACE SUBSTANCE CENTER.	MISSOURI UNIV. ROLLA. DEPT. OF MECHANICAL AND AEROSPACE	MITSUI MINING AND SMELTING CO. LTD.,
The Determination of Part-Per-Billion Levels	ENGINEERING.	TOKYO (JAPAN). (ASSIGNEE). Method of Separating Metals from Waste
of Citric and Nitrilotriacetic Acids in Tap Water and Sewage Effluents,	Thermal Radiative Properties of a Smooth Air- Water Interface,	Water,
W74-01772 7-04 5A	W74-02874 7-06 2K	W74-03664 7-07 5D

MITSUI MINING AND SMELTING CO. LTD., TOKYO (JAPAN). (ASSIGNEE).

Method of Treating Waste Wate Electrolysis,	er Through	MONCTON UNIV. (NEW-BRUN OF CHEMISTRY.		MONTANA STATE UNIV., BOZEMAN. DEPT. OF CHEMISTRY.
W74-05685	7-11 5D	Detection of Organophosphor in Situ Fluorometry on Thin-		Voltammetric Identification of Organochlorine Insecticides, Polychlorinated Biphenyls,
Method of Treating Waste Water	Containing	grams,		Polychlorinated Naphthalenes and
Ligninsulfonate, W74-08029	7-15 5D	W74-06025	7-12 5A	Polychlorinated Benzenes, W74-02389 7-05 5A
	PERMIC	MONCTON UNIV. (NEW BRUN	SWICK). DEPT.	
MITSUI SHIPBUILDING AND ENGIN CO., LTD., TOKYO (JAPAN).	EERING	OF ENGINEERING.		Cation Adsorption and Desorption Rates in
Freeze Process for Making Fresh	Water from	Calculation of Water Tempera		Natural Water Studies, W74-03765 7-08 5A
Brine,		W74-12707	7-23 7B	W 14-03/03
W74-10588	7-20 3A	MONO PUMPS (ENGINEERING LONDON (ENGLAND). (ASSIG		Influence of Selected Organic Compounds on The Response of a Calcium Ion-Selective Elec-
MO OCH DOMSJO A.B., ORNSKOLI (SWEDEN).	JOVIN	Method and Apparatus for Tre	eating Effluent,	trode, W74-09897 7-19 5A
Some Systems Developed for Pollu	ition Abate-	W74-04714	7-09 5D	W74-09897 7-19 5A
ment in the Pulp Industry, Particula		MONROEVILLE WATER AUTI	HORITY, PA.	Lead Concentration in Native Trout,
Bleaching, W74-12410	7-23 5D	Computer Data Flows Smo		W74-12275 7-23 5C
		Water Authority, W74-09483	7-18 6C	MONTANA STATE UNIV., BOZEMAN. DEPT.
Establishment of a Closed Syste	em for the	W 74-09463	/-18 OC	OF CIVIL ENGINEERING.
Papermaking Process, W74-12944	7-24 5D	MONSANTO CO., SAINT LOUI Determination of Trace Organ		Systems Analysis Made Easy for Water Resources Planners,
MOBIL RESEARCH AND DEVELOP	MENT	Aqueous Wastes.	ne components in	W74-00167 7-01 6A
CORP., DALLAS, TEX.		W74-10974	7-21 5B	MONTANA STATE UNIV., BOZEMAN. DEPT.
Estimating Skin Effect in a Partially	Completed	110VG.1VIII.0 00 00 1.0VIII.1	***	OF CIVIL ENGINEERING AND ENGINEERING
Damaged Well,		MONSANTO CO., ST. LOUIS, I Biodegradation of O-Benzyl-P		MECHANICS.
W74-03149	7-06 8B	W74-01552	7-03 5B	On the Mechanics of the Hard Slab Avalanche, W74-02744 7-06 2C
A Method for Determining the Sta	tic Pressure	Determination of Trace Org	naine in Air and	
of a Well from Buildup Data, W74-04162	7-08 8G	Water,	ganics in Air and	Light Energized Oxidation of Organic Wastes, W74-10990 7-21 5D
		W74-03576	7-07 5A	W 74-10990 7-21 3D
MOBILE RESEARCH AND DEVELO	PMENT			Application Hydrologic and Hydraulic
CORP., DALLAS, TEX. Observations of Mixing and D	diffusion in	MONSANTO RESEARCH COR	P., DAYTON,	Research to Culvert Selection in MontanaVol
Porous Media,	mrusion in	OHIO. New Membrane Composition	s for Desalination	II, Appendices, W74-11022 7-21 8B
W74-12812	7-24 2F	of Water by Reverse Osmosis		721 05
MOFFAT AND NICHOLS, LONG BE	ACH	W74-00158	7-01 3A	Application Hydrologic and Hydraulic Research to Culvert Selection in Montana,
CALIF.	ACII,	MONSANTO RESEARCH COR	P. DURHAM.	Volume 1, Report,
Case History of Mission Bay Inlet,	San Diego,	N.C.	i, bokini,	W74-12340 7-23 8A
California,		Development of High-Flux He	ollow Reverse Os-	
W74-03366	7-07 8B	mosis Fibers for Brackish Wa		MONTANA STATE UNIV., BOZEMAN. DEPT. OF EARTH SCIENCES.
MONASH UNIV., CLAYTON (AUSTI	RALIA).	W74-00314	7-01 3A	Comparison of the Snow Resistograph with the
DEPT. OF CIVIL ENGINEERING.		Hollow Fine Fibers for Brac	ckish Waters Sof-	Ram Penetrometer,
Independent Comparison of Three	Urban Ru-	tening,		W74-01381 7-03 2C
noff Models, W74-09629	7-18 2A	W74-01907	7-04 3A	Ultrasonic Emissions in Snow,
W 74-09629	7-16 ZA	MONTANA STATE UNIV., BOZ	7FMAN	W74-02741 7-06 2C
MONASH UNIV., CLAYTON (AUSTI		Impacts of Induced Rainfall o		
DEPT. OF MECHANICAL ENGINEE		of Montana.		Hydrology: Part IISurface Hydrology and Geomorphology,
The Balance Between Waste Tre Waste Discharge in the U.S., 1957-2		W74-06442	7-12 3B	W74-06447 7-12 3B
W74-08868	7-17 5D	MONTANA STATE UNIV., BOZ	ZEMAN, DEPT	
		OF AGRICULTURAL ECONOM		Atmospheric Water Resources Management
MONASH UNIV., CLAYTON (AUSTI DEPT. OF ZOOLOGY.	KALIA).	Water Resource Developme		Program, W74-11229 7-21 3B
A Limnological Survey of the	Freshwater	Rural Area in Transition,		721 35
Coastal Lakes of East Gippsland, V		W74-00173	7-01 6A	MONTANA STATE UNIV., BOZEMAN. DEPT.
W74-01813	7-04 5C	MONTANA STATE UNIV., BOX	ZEMAN, DEPT.	OF ELECTRICAL ENGINEERING.
The Major Ions of Some Lakes	and Other	OF ANIMAL AND RANGE SCI		Microwaves, a New Tool for Forest and Watershed Management,
Waters in Queensland, Australia,	and Other	Ecological Impacts: Part 1	Range and Range	W74-12205 7-23 7B
W74-01979	7-04 2H	Livestock production,		
Studies on a Salina I sha Factoria		W74-06443	7-12 3B	MONTANA STATE UNIV., BOZEMAN. DEPT. OF INDUSTRIAL AND MANAGEMENT
Studies on a Saline Lake Ecosysten W74-02920	n, 7-06 5C	Ecological Impacts: Part	IIWildlife and	ENGINEERING.
, 4.00720	1-00 30	Biocommunities,		Capacity Decisions in a Multipurpose Mul-
A Meromictic Lake in Australia,		W74-06444	7-12 3B	tireservoir System,
W74-04101	7-08 5C	MONTANA STATE UNIV., BO	ZEMAN, DEPT	W74-00672 7-02 4A
Derivation of Daily Phytoplankton	Production	OF BOTANY AND MICROBIO		MONTANA STATE UNIV., BOZEMAN. DEPT.
Estimates from Short-Term Exp		Survival of Coliform Bac	teria in Natural	OF MICROBIOLOGY.
Some Shallow, Eutrophic Austr	alian Saline	Waters: Field and Laborat	ory Studies with	Microbial ND Chemical Studies in a Watershed
Lakes, W74-10812	7-20 5C	Membrane-Filter Chambers, W74-01250	7-03 5B	used for Municipal Supply and Waste Disposal, W74-02449 7-05 5C
11 /4-10012	1-20 JC	W /4-01230	7-03 3B	W74-02449 7-05 5C

Water Quality in Western Montana, W74-07718 7-15 5A

The Fate and Effects of Pesticides in the

Testacea (Protozoa: Sarcodina) as Indicators of MOSCOW STATE UNIV. (USSR).

MONTANA STATE UNIV., BOZEMAN. DEPT.

Agricultural Impacts, W74-06445 7-12 3B

OF PLANT AND SOIL SCIENCE.

Effect of Soil Drought on Water Availability

and Plant Growth, (In Russian), W74-00475

Effects of Suspended Silt on Dissolved Phosphorus Level in the Gallatin River, W74-12361 7-23 5B	Aquatic Environment of the Flathead Lake	
		Possibilities of Using Geophysical Methods in a
W74-12361 7-23 5B	Drainage Area,	Study of Freshwater Discharges in Littoral
	W74-07835 7-15 5C	Zones of Seas (O vozmozhnostyakh
		geofizicheskikh metodov pri izuchenii razgru-
MONTANA STATE UNIV., BOZEMAN. DEPT.	MONTANA UNIV., MISSOULA. SCHOOL OF	
OF SOCIOLOGY	FORESTRY.	zok presnykh vod v pribrezhnykh zonakh
Hydrology Impacts: Part IGround Water		morey),
Hydrology,	Precipitation as a Nutrient and Hydrogen Ion	W74-00847 7-02 2F
W74-06446 7-12 3B	Source for Forested Watersheds in the Missou-	
W 74-00440 7-12 3B	la Vicinity,	Effect of Excess Soil Moisture on Yield and
MONTANA STATE UNIV., BOZEMAN. WATER	W74-03766 7-08 5B	Biochemical Processes in Spring Wheat at Vari-
		ous Stages of Its Development (In Russian),
RESOURCES RESEARCH CENTER.	MONTECANTINI EDISON, NOVARA (ITALY).	W74-02325 7-05 3F
Development of an 'Operations' Model for	INSTITUTO DI RICHERCHE G. DONEGANI.	W /4-02323 /-03 3F
Montana's Water Resources: Middle Creek		C P
Reservoir Operation,	Bio-Degradation of Non-Ionic Surfactants-II:	Some Environmental Factors Determining the
W74-02214 7-05 4A	Biodegradation Assessments (Biodegradazione	Primary Production of the Mozhaisk Reservoir,
	di Tensioattivinon Ionici. Nota 2: Misure Della	(In Russian),
MONTANA UNIV., BOZEMAN. JOINT WATER	Biodegradazione),	W74-03939 7-08 5C
RESOURCES RESEARCH CENTER.	W74-13279 7-24 5B	
An Investigation into the Extent and Cause of	W /4-132/9 /-24 3B	Dependence of Plant Thermoresistance on
	MONTGOMERY COUNTY CANTE BY DEED	Thermodynamic Properties of Soil Moisture,
Eutrophication in Canyon Ferry Reservoir,	MONTGOMERY COUNTY SANITARY DEPT.,	
Montana,	DAYTON, OHIO.	(In Russian),
W74-11573 7-22 5C	Solids Waste Disposal.	W74-06244 7-12 3F
	W74-02840 7-06 5D	
MONTANA UNIV., MISSOULA.	5000	Mapping of Suspended-Sediment Discharge in
Floodplain Mapping and Planning for the 50	MONTGOMERY RESEARCH, INC.,	Complex Atlases (Kartografirovaniye stoka vz-
and 100 Year Interval Flood Zones of the Bit-		veshennykh nanosov v kompleksnykh at-
terroot Valley, Montana,	PASADENA, CALIF.	
	Project Report for Ventura County Planning	lasakh),
W74-02215 7-05 4A	Department and Casitas Municipal Water Dis-	W74-06452 7-12 2J
A-N-Liller of PRES 1 to I increased and	trict on Watershed Development Impact on	
Applicability of ERTS-1 to Lineament and		Problems for Hydrobiological Investigation
Photogeologic Mapping in MontanaPrelimina-	Lake Casitas.	under Conditions of Complex Use of Water
ry Report,	W74-00752 7-02 5B	Resources (In Russian),
W74-02569 7-05 7B		W74-07765 7-15 5F
	MONTREAL ENGINEERING CO. CO. LTD.	W/4 0/103
MONTANA UNIV., MISSOULA. DEPT. OF	(QUEBEC).	Purification of Sulfite Mill Effluents from
BOTANY.	Simulation Accuracies of Gradually Varied	
Hydrogen Sulfide Production by Synechococ-	Flow,	Lignosulfonates (Ochistka promstokov sulfit-
cus lividus Y52-si.		no-tsellyuloznogo proizvodstva ot
	W74-09628 7-18 8B	lignosul'fonatov),
W74-07546 7-14 5C		W74-08412 7-16 5D
1401W-114 FINE 144000FF A DEPT OF	MONTREAL UNIV. (QUEBEC). DEPT. OF	
MONTANA UNIV., MISSOULA. DEPT. OF	BIOLOGICAL SCIENCES.	Analysis of the Run-Off and Flow Routing for
GEOLOGY.	The Dynamics of a Group of Perches, Perca	a Mountain Glacier Basin.
		W74-09328 7-18 2C
The Role of Deformation in Changing the	Flavescens (Mitchill) in the Grande, Anse Cove	
	Flavescens (Mitchill) in the Grande-Anse Cove	W 14-07320 1-10 2C
Reservoir Properties of Aquifers,	of Perrot Island in Saint-Louis Lake, (In	
	of Perrot Island in Saint-Louis Lake, (In French),	Relation of Seasonal Distribution of Runoff to
Reservoir Properties of Aquifers, W74-02446 7-05 2F	of Perrot Island in Saint-Louis Lake, (In	
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper	of Perrot Island in Saint-Louis Lake, (In French),	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream,	of Perrot Island in Saint-Louis Lake, (In French),	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo ras-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo ras- predeleniya stoka kolebaniyami vodnosti goda),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo ras-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo ras- predeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspi-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missou-	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2E Determination of Heat and Water Vapor Flows
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC.,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missou-	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE)	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE)	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY.	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyu-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY.	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkh-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Plannia Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkh-
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Moun-	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-0962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2E Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-0962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Con-	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972,	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para w sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities, Flathead Lake, Montana,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-0962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Con-	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom),
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities,	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972, W74-05780 7-11 5E	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para w sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 T-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities, Flathead Lake, Montana, W74-02448 7-05 2H	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972, W74-05780 7-11 5E MOSCOW STATE UNIV. DEPT. OF SOIL	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom), W74-10265 7-19 26
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities, Flathead Lake, Montana, W74-02448 7-05 2H An Investigation of the Water Quality and	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972, W74-05780 7-11 5E MOSCOW STATE UNIV. DEPT. OF SOIL MELIORATION.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom), W74-10265 7-19 2G
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities, Flathead Lake, Montana, W74-02448 7-05 2H	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-0962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972, W74-05780 7-11 5E MOSCOW STATE UNIV. DEPT. OF SOIL MELIORATION. Magnetic Susceptibility of the Excess Tempo-	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom), W74-10265 7-19 2G The Effect of Parent Rock on Soil Formation in the Taiga-Forest on the Right Bank of the Observations
Reservoir Properties of Aquifers, W74-02446 7-05 2F The Concentration Control of Soluble Copper in a Mine Tailings Stream, W74-11361 7-21 5B Effects of Clear Cutting on Water Discharge and Nutrient Loss, Bitterroot National Forest, Montana, W74-12359 7-23 5B Water Resource and Hazard Planning Report for the Clark Fork River Valley above Missoula, Missoula County, Montana, W74-12360 7-23 6F MONTANA UNIV., MISSOULA. DEPT. OF ZOOLOGY. Determination of the Microlevel Temperatures During Lake Cooling, Ice Formation, Icemelt and the Break-up of the Ice cover of a Mountain Lake, Holland Lake, Missoula County, W74-02447 7-05 2C Description, Distribution, and Ecology of the Rotifer and Crustacean Plankton Communities, Flathead Lake, Montana, W74-02448 7-05 2H An Investigation of the Water Quality and	of Perrot Island in Saint-Louis Lake, (In French), W74-00470 7-01 2H MONTREAL UNIV., (QUEBEC). DEPT. OF CHEMISTRY. Automatic Recording Dilatometer, W74-06148 7-12 5A MOODY AND ASSOCIATES, MEADVILLE, PA. The Cost of Groundwater vs. Surface Water, W74-12535 7-23 4B MOODY AQUAMATIC SYSTEMS, INC., MEADVILLE, PA. (ASSIGNEE) Sewage Disposal Effluent Purifier, W74-00962 7-02 5D Ozonating Apparatus for Drinking Water, W74-05904 7-11 5F MORGAN, LEWIS AND BOCKIUS, WASHINGTON, D.C. Highlights of the Federal Water Pollution Control Act of 1972, W74-05780 7-11 5E MOSCOW STATE UNIV. DEPT. OF SOIL MELIORATION.	Relation of Seasonal Distribution of Runoff to Fluctuations in Annual Discharge (Obuslovlennost' vnutrigodovogo raspredeleniya stoka kolebaniyami vodnosti goda), W74-10222 7-19 2E Relation of Fluctuations in Levels of the Caspian and Aral Seas (O svyazi kolebaniy urovney Kaspiyskogo i Aral'skogo morey), W74-10229 7-19 2H Determination of Heat and Water Vapor Flows in the Ocean-Atmosphere System Based on Data of Observations of Temperature Profiles in a Thin Surface Layer of the Sea (K voprosu opredeleniya potokov tepla i vodyanogo para v sisteme okean-atmosfera po dannym nablyudeniy profiley temperatury v tonkom poverkhnostnom sloye morya), W74-10259 7-19 2E Problem of Measurement of Soil Moisture Potential By the Cryoscopic Method (K voprosu ob izmerenii potentsiala pochvennoy vlagi krioskopicheskim metodom), W74-10265 7-19 2G

MOSCOW STATE UNIV. (USSR). CHAIR OF GEMORPHOLOGY.

MOSCOW	STATE	UNIV.	(USSR).	CHAIR	OF	
GEMORPH	IOLOG'	Y.				

A Method of Forecasting the Building of a River Bar (Metod prognoza pereformirovaniy rechnogo bara), W74-01388 7-03 2J

MOSCOW STATE UNIV. (USSR). CHAIR OF HYDROLOGY.

Prospects for the Use and Conservation of Water Resources in the USSR (Perspektivy ispol zovaniya i okhrany vodnykh resursov SSSR),
W74-01387 7-03 6B

A Study of the Exchange of Dissolved Solids Between Bottom Sediments and Water of Different Water Bodies (Izucheniye obmena rastvorennymi veshchestvami mezhdu donnymi otlozheniyami i vodoy razlichnykh vodoyemov), W74-01389 7-03 2J

MOSCOW STATE UNIV. (USSR). DEPT. OF BIOGEOGRAPHY. The Formation of Phytocenoses on the

The Formation of Phytocenoses on the Liberated Ground of Lake Sevan, (In Russian), W74-03632 7-07 2H

MOSCOW STATE UNIV. (USSR). DEPT. OF GEOBOTANY.

Annual Increase of Aboveground Phytomass of Some Tundra Shrubs, (In Russian), W74-04286 7-08 2I

MOSCOW STATE UNIV. (USSR). DEPT. OF GEOGRAPHY; AND MOSCOW STATE UNIV. (USSR). DEPT. OF SOIL.

Soil of North Dagestan, (In Russian), W74-00986 7-02 2G

MOSCOW STATE UNIV. (USSR). DEPT. OF HYDROBIOLOGY.

Construction of a Map of Average Annual Runoff for North Kazakhstan (Postroyeniye karty normy stoka Severnogo Kazakhstana), W74-02751 7-06 2E

Investigation of Correlation of Annual Runoff for Appalachian Rivers (Issledovaniye korrelyativnoy svyazi godovogo stoka Appalachskikh rek), W74-02752 7-06 2E

Role of Depth of Channel Downcutting in the Formation of Low Flow in Mountain Streams (Rol' glubiny vreza rusel v formirovanii mazhennogo stoka gornykh rek),
W74-02753 7-06 2E

MOSCOW STATE UNIV. (USSR). DEPT. OF ICHTHYOLOGY.

Oxbow Cut-Off Bog Lake Zooplankton of the Kolyma Basin (In Russian), W74-01265 7-03 2H

Seasonal Changes of the Feeding of the Roach in the Mozhaisk Reservoir (In Russian), W74-08762 7-17 2H

MOSCOW STATE UNIV. (USSR). DEPT. OF INVERTEBRATE ZOOLOGY.

Zooplankton of Fresh and Brackish Waters of the Bering Island (Commander Islands). (in Russian), W74-08114 7-15 21

MOSCOW STATE UNIV. (USSR). DEPT. OF OCEANOLOGY.

Comments on Veronis' Paper, 'On Properties of Seawater Defined by Temperature, Salinity, and Pressure', W74-04658 7-09 2K

MOSCOW STATE UNIV. (USSR). DEPT. OF PEDOLOGY.

Organic Matter Composition Under Different Forest Types in a Derno-Podzolic Zone, (In Russian), W74-00984 7-02 2K

Water-Salt Balance of Saline Soils Under Irrigation at the Foothill Plains of Golodnaya Steppe, (in Russian).

7-04 2G

Effect of the Moisture and Temperature on the Leaching of Ash Elements from Plant Residues (in Russian), 874-08016 7-15 21

MOSCOW STATE UNIV. (USSR). DEPT. OF PHYSICS.

Effect of the Polymer K-4 on the Resistance of Light Chestnut Soil Cover to Erosion by Water, (In Russian), W74-00988 7-02 4D

The Use of Tensiometers as Indicators of Soil Moisture Availability for Plants, (In Russian), W74-00989 7-02 3F

MOSCOW STATE UNIV. (USSR). DEPT. OF PHYSICS; AND MOSCOW STATE UNIV. (USSR). DEPT. OF SOIL MELIORATION.

Variation of Absorbed Base Composition in Sodic Soils of the Karabach Plain Under Water Flush with and Without the Electric Current, (In Russian),
W74-00985 7-02 2G

MOSCOW STATE UNIV. (USSR). DEPT. OF SOIL MELIORATION.

Research on the Micromorphology of the Flooded Poszolic Soils of Shallow Water Reservoirs, (In Russian), W74-07235 7-14 2G

MOSCOW STATE UNIV. (USSR). DEPT. OF SOIL PHYSICS AND RECLAMATION.

Use of Sound Methods in Determining the Permeability Coefficient of Soil Moisture, (In Russian), 7-22 2G

MOSCOW STATE UNIV. (USSR). DEPT. OF VERTEBRATE ZOOLOGY.

Invertebrate Fauna of the Bodies of Water of the Stationary 'Agapa' (Western Taimir). (in Russian), W74-08110 7-15 2I

MOSCOW STATE UNIV. (USSR). FACULTY OF BIOLOGY AND SOIL SCIENCE.

Sedimentation of Suspended Matter by Dreissena Polymorpha Pallas and Its Subsequent Utilization by Chironomidae Larva, W74-01904 7-04 5C

Some Aspects of the Theory of Exploitation of Fish Resources, (In Russian), W74-04278 7-08 8I

Prolonged Afterglow of Strawberry Leaves at Various Levels of Hydration, (In Russian),

MOSCOW STATE UNIV. (USSR). KAFEDRA EKONOMICHESKOI GEOGRAFII.

Problems of Water Supply of an Industrial Town Near a Watershed (Problemy vodosnabzheniya privodorazdel'nogo promyshlennogo goroda), 7-20 3E

MOSCOW STATE UNIV. (USSR). PROBLEMNAYA LABORATORIYA KOMPLEKSNOGO KARTOGRAFIROVANIYA I

Geophysical Measurements of the Thickness of the Malyy Azau Glacier (Geofizicheskiye opredeleniya moshchnosti lednika Malyy Azau), W74-01390 7-03 2C

MOSCOW STATE UNIV. (USSR). PROBLEMNAYA LABORATORIYA NEZHNYKH LAVIN I SELEI.

Distances of Flowage of Snow Avalanches in the Central and Western Caucasus (Dal'nosti vybrosa snezhnykh lavin na Tsentral'nom i Zapadnom Kavkaze),

7-12 2C

The Alma-Ata Mudflow of July 15, 1973 (Almatinskiy sel' 15 iyulya 1973 g.), W74-10376 7-20 2J

A Simplified Mathematical Model of Avalanche Movement (Uproshchennaya matematicheskaya model' dvizheniya laviny), W74-10377 7-20 2C

MOSCOW STATE UNIV. (USSR). SURFACE AND GROUND WATERS INTERRELATIONSHIP LAB.

The Combined Study of Seepage Properties of Semipermeable Soils for Estimating Interrelationship of Aquifers, W74-12841 7-24 2F

MOSKOVSKAYA

SELSKOKHOZYAISTVENNAYA AKADEMIYA (USSR).

The Action of Mineral Fertilization on Pasture Herbage, Irrigated with Sewage, (In Russian), W74-01559 7-03 5D

MOSKOVSKII GEOLOGORAZVEDOCHNYI INSTITUT (I) (USSR).

Isotopic Composition of Oxygen and Hydrogen in Sulfide Waters of the Sochi-Adler Artesian Basin (Izotopnyy sostav kisloroda i vodorada sul'fidnykh vod Sochi-Adlerskogo artezian-skogo basseyna), W74-01394

7-03 2K

MOSKOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT (I).

Comparative Evaluation of the Efficacy of Ozonization and Other Means of Treating Water Containminated With Oil Products (In Russian),
W74-01580 7-03 5F

MOSKOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT (I) (USSR).

Barrier Role of Water Works Installations in Respect to Chemical Contaminations Classified According to Organoleptic Properties of Hazards, (In Russian), W74-01584 7-03 5D

Ozonization as a Method of Purifying Water Polluted with Chemical Composition, (In Russian), W74-04836 7-09 5D

MOSKOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT (USSR). DEPT. OF PUBLIC HYGIENE.

Conditions for Discharge into a Body of Water of Prometrine Production Effluents, (In Russian),

W74-13065 7-24 5D

Calendar Year 1973,

MOSKOVSKII INZHENERNO-STROITEL NYI

INSTITUT (USSR).

June 1972, W74-09861

W74-11673

Tritium Control Technology,

MUSKINGUM COLL., NEW CONCORD, OHIO. DEPT. OF BIOLOGY.

SEATTLE, WASH.

Annual Environmental Monitoring Report: MUNICIPALITY OF METROPOLITAN

Hydraulic Drag During Infiltration of Water in	W74-13429 7-24 5B	Computer Management of a Combined Sewer
a Soil Vegetative Layer (Gidravlicheskiye soprotivleniya pri fil'tratsii vody v rastitel'nom	MOUNT ALLISON UNIV., SACKVILLE (NEW	System, W74-12003 7-23 5D
sloye pochyy),	BRUNSWICK). DEPT. OF BIOLOGY.	
W74-09931 7-19 2G	Natural Habitat of Caryophanon latum, W74-02966 7-06 5B	MUNKSJO A.B., JONKOPING (SWEDEN). Environmental Protection Techniques to be
MOSKOVSKII INZHENERNO-STROITELNYI	W 74-02900 7-00 3B	Applied in a Bleached Kraft Pulp Mill in
INSTITUT (USSR).	MUENCHEN-DACHAUER PAPIERFABRIKEN	Sweden,
A Literature Review on the Biological Purifica-	HEINRICH NICOLAUS G.M.B.H. (WEST	W74-07392 7-14 5D
tion Methods of Sewage in Chemical-Phar-	GERMANY). Removal of Residual Waste Water Sludges	MURATA MANUFACTURING CO. LTD.,
maceutical Plants, (in Russian),	(Beseitigung der Restabwasserschlaemme),	NAGOKA (JAPAN).
W74-01756 7-04 5D	W74-05263 7-10 5D	An Ion-Exchanger/Epoxy Resin Pelletization
Methods of Reducing Power Consumption in	The Treatment and Removal of Waste Water	Method for Sample Preparation in X-Ray
Pumping Water in Water Supply Systems, In-	Residual Sludges in the Paper Industry (Die Be-	Fluorescence Analysis. Microanalysis of Metal Ions in Industrial Waste Water,
cluding the Use of Booster Stations,	handlung und Beseitigung von Restabwas-	W74-12953 7-24 5A
W74-05093 7-10 8C	serschlaemmen der Papierindustrie),	
Problems of Reliability of Water-Supply	W74-12417 7-23 5E	MURMANSKII MORSKOI BIOLOGICHESKII
Systems (O problemakh nadezhnosti sistem	MUENSTER UNIV. (WEST GERMANY).	INSTITUT (USSR). Primary Phytoplankton Productivity in the
vodosnabzheniya),	HYGIENE-INSTITUT.	Eastern Murman Bays, (in Russian),
W74-10225 7-19 4A	Fluorescence Spectroscopic Determination of	W74-12703 7-23 5C
MOSS LANDING MARINE LABS., CALIF.	Anti-Ovulatory Steroids in Water and Water	MUDBIN DACIEIC MADINE CALVACE CO
Environmental Studies of Monterey Bay and	and Waste Water on the Thin Layer Chro- matography Plate, (in Russian),	MURPHY-PACIFIC MARINE SALVAGE CO., NEW YORK. MERRITT DIV. (ASSIGNEE)
the Central California Coastal Zone,	W74-11195 7-21 5A	Floating Oil Containment Boom,
W74-00036 7-01 2L		W74-00090 7-01 5G
Monterey Bay Bibliography.	MUNCIE SANITARY DISTRICT, IND.	MURRAY STATE UNIV., KY. BIOLOGICAL
W74-04218 7-08 2L	Muncie Sanitary District, 1972, 8th Annual Report.	STATION.
700 22	W74-02133 7-04 5D	Kentucky Lake Commercial Catfish Catch
Monterey Bay Bibliography. Supplement		Analysis,
Number One.	MUNCIE SANITARY DISTRICT, IND. WATER	W74-11434 7-21 8I
W74-04219 7-08 2L	QUALITY DIV. Muncie Indiana's 'Total' Local Water Quality	MUSEUM NATIONAL D'HISTOIRE
Some Aspects of the Temperature, Oxygen and	Program,	NATURELLE, PARIS (FRANCE).
Nutrient Distributions in Monterey Bay,	W74-02132 7-04 5B	LABORATOIRE DE GEOLOGIE.
California. Annual Report, Part 1, 1973,	Make Water Pollution Control a Meaningful	Importance of Diatoms in the Present Varve Deposition (Alternation of Annual Layers) of
W74-07469 7-14 5C	Local Responsibility,	Green Lake (Near Fayetteville, N.Y.), Model
A Preliminary Check-List of the Marine Algae	W74-11120 7-21 5A	of Confined Sedimentation, (In French),
of the Moss Landing Jetty: An Annotated		W74-03577 7-07 2H
Floristic Compilation,	MUNICH UNIV. (WEST GERMANY). INSTITUT FUER PHYSIOLOGIE UND ERNAEHRUNG	MUSEUM NATIONAL D'HISTOIRE
W74-07981 7-15 5C	DER TIERE.	NATURELLE, PARIS (FRANCE).
MOSUL UNIV. (IRAQ). DEPT. OF CHEMISTRY.	On the Composition of Mixed Fodder Rations	LABORATOIRE DE PHYSIOLOGIE
Absorptiometric Determination of Trace	for Trout in Net Cages, (In German),	GENERALE ET COMPAREE.
Amounts of Sulphide Ion in Water,	W74-07599 7-14 8I	The Utilization of a Simple Experimental Device for Study of Water Pollution in Situ:
W74-04072 7-08 5A	MUNICIPAL SANITARY-EPIDEMIOLOGICAL	Comparative Effects of Three Anti-Petroleum
MOUCHEL (L. G.) AND PARTNERS, BATH,	CENTER, PYATIGORSK (USSR).	Emulsifying Agents,
(ENGLAND).	Problems in Water Hygiene and Sanitary Pro-	W74-11334 7-21 5C
Looe Sewerage and Sewage-Treatment	tection of Water Bodies in Connection with Ur- banization, (In Russian),	MUSEUM NATIONAL D'HISTOIRE
Scheme,	W74-06268 7-12 5G	NATURELLE, PARIS (FRANCE).
W74-13327 7-24 5D		LABORATOIRE DES PECHES OUTRE-MER.
MOULENBELT AND SEIFERT, DAYTON,	Hygienic Features of Percolation Water Intakes	Phytoplankton Collected by the 'Ombango' Off
OHIO.	(In Russian), W74-13400 7-24 4B	Angola (10-27 November 1965), (In French),
Ground Water Recharge, Southern Regional	W/4-13400 /-24 4B	W74-12170 7-23 2I
District, Montgomery County, Ohio, Engineer-	MUNICIPAL SANITARY-EPIDEMIOLOGICAL	MUSEUM OF NATURAL HISTORY,
ing Study and Report, Phase I. W74-00439 7-01 4B	CENTER, VOROSHILOVGRAD (USSR).	STOCKHOLM (SWEDEN).
7-01 40	Effect of a Cinder Settling Tank of a Thermal Electric Power Plant on the Quality of Subsur-	Mercury Content in Feathers of Swedish Birds from the Past 100 Years,
MOUND LAB., MIAMISBURG, OHIO.	face Waters, (In Russian),	W74-11382 7-21 5A
Interim Environmental Monitoring Report:	W74-02231 7-05 5B	
January-June 1973,	MUNICIPAL SANITARY-EPIDEMIOLOGICAL	MUSKEGON COUNTY BOARD, MICH. DEPT. OF PUBLIC WORKS.
W74-04174 7-08 5A	STATION, LENINGRAD (USSR).	Some Experiences in Land Acquisition for a
Mound Laboratory Chemistry and Physics	Investigation of River Water for the Presence	Land Disposal System for Sewage Effluent,
Progress Report: January-March 1972.	of Escherichia coli and Enterococcus, (in Rus-	W74-05966 7-12 5D
W74-09860 7-19 2K	sian),	MUSKINGUM COLL., NEW CONCORD, OHIO.
Environmental Monitoring Report: January-	W74-08004 7-15 5A	DEPT. OF BIOLOGY.
June 1972,	MUNICIPAL WATER WORKS OF	Effects of Temperature on Growth and Sur-

Lay-Out and Diameter Optimization for a Looped Water Transportation Network,

ROTTERDAM (NETHERLANDS).

W74-12144

7-19 5A

7-22 5D

7-06 5C

vival of Laboratory Reared Larvae of the

Scaled Sardine, Harengula pensacolae Goode

and Bean,

W74-02899

7-23 4A

N-CON SYSTEMS CO., INC., NEW ROCHELLE,	NAPLES UNIV. (ITALY). INSTITUTO DI	U.S. Deepwater Port Study, Vol 3. Physical
N.Y.	BOTANICA.	Coast and Port Characteristics, and Selected
Economics of Industrial Waste Water Sam-	Ecological Studies on Mentha Piperita L.: II. Effect of Different Light Intensities on Water	Deepwater Port Alternatives, W74-06864 7-13 6D
pling, W74-12780 7-24 5D	Relations,	W 74-00004 7-13 0D
W/4-12/80	W74-12730 7-23 2I	NATIONAL ACADEMY OF SCIENCES-
NAGASAKI PREFECTURE FISHERIES		NATIONAL ACADEMY OF ENGINEERING.
EXPERIMENT STATION (JAPAN).	NARINO UNIV., PASTO (COLOMBIA).	WASHINGTON, D.C. ENVIRONMENTAL
Distribution of Bottom Fishes in Relation to	FACULTAD DE CIENCIAS AGRICULTURAS.	STUDIES BOARD.
Oxygen Contents in the Bottom Water or	Physical Properties of Some Volcanic-Ash	Water Quality Criteria 1972, a Report of the
Omura Bay, (In Japanese),	Derived Soils of the Highlands of Pasto,	Committee on Water Quality Criteria.
W74-13086 7-24 5C	Narino, Colombia, (In Spanish),	W74-12674 7-23 5G
	W74-01228 7-03 2G	
NAGOYA MUNICIPAL GOVERNMENT DEPT.	NARINO UNIV., PASTO (COLUMBIA).	Research Needs in Water Quality Criteria,
OF SEWAGE WORKS (JAPAN).	FACULTAD DE CIENCIAS AGRICULTURAS.	1972.
Efficiency Tests for Microstrainer Waste	Comparative Study Between the Evaporation	W74-12675 7-23 5G
Treatment, (Maikuro sutorena ni yoru shorisui	Calculated by Various Formulas and Pan	NATIONAL ACADEMY OF SCIENCES.
kojo shiken),	Evaporation Measured in Three Tropical	NATIONAL RESEARCH COUNCIL,
W74-10915 7-21 5D	Areas, (In Spanish),	WASHINGTON, D.C. COMMITTEE ON
NAGOYA UNIV. (JAPAN). DEPT. OF	W74-01870 7-04 2D	RADIOACTIVE WASTE MANAGEMENT.
SYNTHETIC CHEMISTRY.		Disposal of Solid Radioactive Wastes in
Determination of Trace Amounts of Chromium	NATAL UNIV., DURBAN (SOUTH AFRICA);	Bedded Salt Deposits.
by Atomic Absorption Spectrometry with a	AND SAINT ANDREWS UNIV.	W74-11657 7-22 5E
Tantalum Filament Atomizer,	Mean Rainfall and Mean Runoff in South	
W74-02367 7-05 2K	Africa; an Investigation into Phase Differences, W74-02909 7-06 2A	NATIONAL ACADEMY OF SCIENCES,
	W/4-02909 /-06 ZA	WASHINGTON, D.C. ENVIRONMENTAL
NAGOYA UNIV. (JAPAN). WATER RESEARCH	NATAL UNIV., DURBAN (SOUTH AFRICA).	STUDIES BOARD.
LAB.	DEPT. OF CIVIL ENGINEERING.	Mixing Zone Concepts,
Distribution of Fluoride in Waters of Tokyo	Flood Control Model for Multi-Reservoir	W74-12177 7-23 5G
Bay,	Systems,	NAMED AND A CARPORAL OF COUNTRY
W74-08549 7-16 5B	W74-00168 7-01 4A	NATIONAL ACADEMY OF SCIENCES,
On the Possibility of Artificial Control of the		WASHINGTON, D.C. HIGHWAY RESEARCH BOARD.
	Optimization Model for The Operation of	Erosion Control on Highway Construction.
Mass Balance of a Perennial Snow Patch, W74-09342 7-18 2C	Flood Control Systems, W74-00668 7-02 4A	W74-08178 7-16 4D
17-10 20	W/4-00000 7-02 4A	W/4-061/6 /-10 4D
NAIROBI UNIV. (KENYA).	NATAL UNIV., DURBAN (SOUTH AFRICA).	NATIONAL ACCELERATOR LAB., BATAVIA,
Pankhurst Tubes Modified to Indicate	OCEANOGRAPHIC RESEARCH INST.	ILL.
Anaerobiosis,	The Interdependance of Marine and Estuarine	Environmental Monitoring Report for Calendar
W74-01545 7-03 5A	Ecosystems in South Africa,	Year 1972 for the National Accelerator Labora-
	W74-05713 7-11 5B	tory, Batavia, Illinois,
NAIROBI UNIV. (KENYA). DEPT. OF CIVIL	NATAL UNIV DIPTEDMADITEDIDO (COUTH	W74-09847 7-19 5A
ENGINEERING.	NATAL UNIV., PIETERMARITSBURG (SOUTH AFRICA). DEPT. PASTURE SCIENCE AND	NAMED AND ADDRESS OF THE OWNER
Low-Cost Facilities for the Bacteriological Ex-	AGROMETEOROLOGY.	NATIONAL AERONATUCS AND SPACE
amination of Drinking Water Samples,	Effect of Moisture Stress Upon Maize Produc-	ADMINISTRATION, CLEVELAND, OHIO.
W74-00630 7-02 5G	tion and Its Economic Significance,	LEWIS RESEARCH CENTER. Application of Thermal Imagery to the
Coliform Counts of Polluted Waters: A Com-	W74-03948 7-08 3F	Development of a Great Lakes Ice Information
parison of Media and Methods,		System.
W74-06093 7-12 5A	NATAL UNIV., PIETERMARITZBURG (SOUTH	W74-11784 7-22 7B
7.10	AFRICA).	7.00
NALCO CHEMICAL CO., CHICAGO, ILL.	The Content of Water Vapour in the At-	NATIONAL AERONAUTICS AND SPACE
(ASSIGNEE)	mosphere Over Southern Africa,	ADMINISTRATION, ALBUQUERQUE, N. MEX.
Oil Removal from Waste Waters,	W74-02913 7-06 2B	Pollutant Transport and Accumulation
W74-03020 7-06 5D	NATAL UNIV., PIETERMARITZBURG (SOUTH	Processes in Our EnvironmentThe General
	AFRICA). DEPT. OF BOTANY.	Theory and a Case Study of Mercury from the
NANCY-1 UNIV. (FRANCE). LABORATOIRE	Physioecology of the Umsindusi River within	Four Corners Electric Power Plants and in
D'HYGIENE ET DE RECHERCHE DE LA	the Pietermaritzburg City Limits,	Navajo Lake, New Mexico,
SANTE PUBLIQUE. Viruses and Water: II. General Review of the	W74-05363 7-10 5B	W74-09597 7-18 5B
Methods Available to Detect Viruses in Water,		NATIONAL AERONAUTICS AND SPACE
(In French),	NATAL UNIV. PIETERMARITZBURG (SOUTH	ADMINISTRATION, BAY SAINT LOUIS, MISS.
W74-13360 7-24 5A	AFRICA). DEPT. OF SCIENCE.	EARTH RESOURCES LAB.
7.44 311	Flocculation of Aqueous Quartz Suspensions	Land Use and Mapping,
NANCY UNIV. (FRANCE). LABORATOIRE DE	with Neutral and Cationic Polymers in the	W74-01165 7-03 4A
BIOLOGIE VEGETALE.	Presence of Co(II), Ca(II), or Fe(III), W74-11235 7-21 5D	7-03 47
The Diatomaceous Populations in the Basin of	,-21 3D	NATIONAL AERONAUTICS AND SPACE
the Meurthe River: Attempt at an Hydrobiolog-	NATGUN CORP., WAKEFIELD, MASS.	ADMINISTRATION, CLEVELAND, OHIO.
ical Synthesis, (In French),	Review of Precast Prestressed Concrete Water	LEWIS RESEARCH CENTER.
W74-04288 7-08 2I	Storage Reservoirs,	Analysis of Internal Flow Characteristics of a
NANKING HYDROTECHNICAL SCIENTIFIC	W74-08906 7-17 8F	Smooth-Disk Water-Brake Dynamometer,
The second secon		W74-02475 7-05 8C

NATHAN (ROBERT R.) ASSOCIATES, INC.,

Lowland Rivers and Tidal Estuaries,

W74-05547

WATHAN (ROBERT R.) ASSOCIATES, INC.,

WASHINGTON, D.C.

U.S. Deepwater Port Study, Vol. 2. Commodity

Studies and Projections,

W74-06863

7-13 6D

W74-02475

Use of Whatman-41 Filters in Air Quality Sampling Networks (With Applications to Elemental Analysis),
W74-10666 7-20 5A

REPUBLIC).

RESEARCH INST. (CHINESE PEOPLE'S

ORGANIZATIONAL INDEX NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. ANALYTICAL CHEMISTRY

NATIONAL AERONAUTICS AND SPA ADMINISTRATION, GREENBELT, M	D.	Extracting Land Use I	logy Satellite Data by	NATIONAL AREA DEVELOPMENT SPINDLETOP RESEARCH INC., LE	
Regional Flood Mapping From Space W74-09906	7-19 7C	Conventional Interpretati W74-11729	on Methods, 7-22 7B	KY. Improving Water Quality Management	nent Planning
NATIONAL AERONAUTICS AND SPA	CE	NATIONAL AERONAUTIC	S AND SPACE	in Nonmetropolitan Areas.	
ADMINISTRATION, GREENBELT, M		ADMINISTRATION, HUNT		W74-04199	7-08 5G
GODDARD SPACE FLIGHT CENTER		GEORGE C. MARSHALL	The state of the s	NATIONAL ATOMIC ENERGY AGI	ENCV
Mineral Resources, Geological Str		CENTER.		DJAKARTA (INDONESIA). PASAR	
Landform Surveys,		Optical Holography Appl	ications for the Zero-g	RESEARCH CENTRE.	Decimal
W74-01166	7-03 7C	Atmospheric Cloud Phys	ics Laboratory,	The Presence of Clostridium bott	ulinum in In-
		W74-10679	7-20 2B	donesian Waters.	
Environment Surveys,		NAMES OF THE OWNER	OR AND ODA OD	W74-02986	7-06 5A
W74-01167	7-03 5A	NATIONAL AERONAUTIC			
Water Resources,		ADMINISTRATION, LANG LANGLEY RESEARCH CI		NATIONAL BOARD OF FISHERIES	j.,
W74-01168	7-03 7C	Microwave and Spectra		GOTEBORG (SWEDEN).	
		Nitrogen Compounds,	or bonne bunur und	Metabolic Effects of Tech	
Marine Resources and Ocean Survey		W74-10683	7-20 5A	tachlorophenol (PCP) on the Eel	Anguilla an-
W74-01169	7-03 7B			guilla L., W74-00482	7-01 5C
Interpretation Techniques Developm	ent	NATIONAL AERONAUTIC		W 14-00462	7-01 30
W74-01170	7-03 7B	ADMINISTRATION, LANG		NATIONAL BUREAU OF ECONOM	IC
		LANGLEY RESEARCH CI		RESEARCH, NEW YORK.	
A Comparison of Gemini and ER7	TS Imagery	Using Computers to Ana W74-01520	7-03 7C	The Impact of Changing Cost an	d Quality of
Obtained over Southern Morocco,		W 74-01320	7-03 /	Industrial Water on Technical	Change and
W74-01694	7-04 7C	Modeling of Turbulent T	ransport in the Surface	Plant Location Decisions,	
A Multispectral Study of an E	xtratropical	Layer,		W74-06424	7-12 3E
Cyclone with Nimbus 3 Medium Re		W74-04795	7-09 2D	NATIONAL BUREAU OF STANDAR	one
frared Radiometer Data,		Completion of EDTS	Multimental Image	WASHINGTON, D.C.	LUS,
W74-03349	7-07 2B	Correlation of ERTS with Suspended Matter		Information Centers Concerned	with Environ-
**************************************		Lower Chesapeake Bay,		mental Matters: Physical S	
ERTS-1 Applications in Hydrology	and Water	W74-06667	7-13 2L	Technology,	ciciice and
Resources, W74-06362	7-12 7B	1174 00007		W74-03042	7-06 10D
W 74-00302	/-12 /B	The Chemical/Physical			
Application of Multispectral Remote	e Sensing to	Characteristics of Typic	cal Bath and Laundry	Low-Level Radioactivity Measure	
Soil Survey Research in Southeaste	rn Pennsyl-	Waste Waters,	7 14 AD	W74-05178	7-10 SA
vania,		W74-07663	7-15 5B	Validation of Environmental Da	ata hy Inter-
W74-06494	7-12 7B	Domestic Wash Water I	Reclamation For Reuse	calibration and Laboratory Qua	
Symposium on Significant Result	e Obtained	as Commode Water Sup		Programs,	anty Control
From the Earth Resources Techno		Reverse Osmosis Separa		W74-10950	7-21 5A
lite-1, Volume I: Technical Present		W74-10478	7-20 5D		
tion B.	,	Bandom Access Took	nione for Madulas	Water Sampling,	
W74-06619	7-13 7C	Random-Access Tech Bathymetry Data Store		W74-10975	7-21 5B
	EDEC OF	Shelf Wave-Refraction F		Transmathulation of Hanny M	etal Ione in
Computed Atmospheric Effects on	ERIS Ob-	W74-10671	7-20 7C	Transmethylation of Heavy M Water.	etai ions in
servations, W74-06694	7-13 2B			W74-10983	7-21 5B
W 74-00094	7-13 2B	Evaluation of a Multifile		W 74-10303	7-21 30
Advanced Scanners and Imaging S	Systems for	tion Subsystem to Reci	laim Domestic Clothes	Operation Characteristics of NO	2 Permeation
Earth Observations.		Wash Water, W74-11029	7-21 5D	Devices,	
W74-06712	7-13 7B	₩ /4-11029	1-21 30	W74-11002	7-21 5A
Satellite Views of Hurricane Camillo		Domestic Wash-Water	Reclamation Using an	A Discoulantain Commenter Manager	
W74-08291	7-16 2B	Aerospace-Developed	Water Recovery	A Piezoelectric Sensor for Mercur W74-11003	7-21 5A
11 / 4 00251	, 10 20	Subsystem,		W /4-11003	1-21 3A
ERTS-1 Applications in Hydrology	and Water	W74-12073	7-23 5D	The Fluorescence Detection of Ni	tric Oxide.
Resources,		NATIONAL AERONAUTI	CS AND SPACE	W74-11004	7-21 5A
W74-12062	7-23 7B	ADMINISTRATION, WAI			
NATIONAL AERONAUTICS AND SP	ACE	WALLOPS STATION.	LOI G IGENIE, TA	NATIONAL BUREAU OF STANDAL	
ADMINISTRATION, HOUSTON, TE		Multidisciplinary/Region	al Resource Surveys,	WASHINGTON, D.C. ANALYTICAL	L
B. JOHNSON SPACE CENTER.		W74-01171	7-03 7B	CHEMISTRY DIV.	
Agriculture, Forestry, Range Resou	rces,		CO + NP CP + CP	Coupling of High Speed Plasma	
W74-01164	7-03 3F	NATIONAL AERONAUTI		raphy with Gas Chromatography, W74-00271	7-01 2K
The Besselve of an Amicultural Assessment	lusia of the	ADMINISTRATION, WAS EnergyA Special Biblio		W 74-00271	7-01 2K
The Results of an Agricultural And ERTS-1 MSS Data at the John		W74-11966	7-22 10B	Interaction of Nitrilotriacetic	Acid with
Center.	ason Space	W/4-11900	7-22 100	Suspended and Bottom Material.	
W74-01686	7-04 3F	Energy: A Continuing	Bibliography with In-	W74-00926	7-02 5A
		dexes.	2.00 100	High Precision Sampling for Chr	romatographic
A Comparison of Land-Use Det Using Data from ERTS-1 and Hi		W74-11967	7-22 10B	Separations,	arographic
Aircraft,	ign Annuae	NATIONAL AGRICULTU	RAL RESEARCH	W74-02414	7-05 2K
W74-06638	7-13 4A	LAB., NAIROBI (KENYA)			
		Gypsum as Improver	of the Permeability of	Determination of Lead, Uraniu	
A Detailed Procedure for the Us		Grumusol (Typic Pellus	tert) in the Kano Plains	and Thallium in Silicate Glass Sta	
Scale Photography in Land Use Cla		of Kenya,	200 00	als by Isotope Dilution Mass Spec	
W74-08299	7-16 4A	W74-04193	7-08 2G	W74-11385	7-21 5A

NATIONAL CANCER INST., BETHESDA, MD. DIV. OF CANCER CAUSE AND

NATIONAL CANCER INST., BETHESDA, MD. DIV. OF CANCER CAUSE AND PREVENTION.	Costs of Water Pollution Control in the Paper Industry,	Note on the Equations of Long Waves Over an Uneven Bottom,
N-Nitrosation by Nitrite Ion in Neutral and Basic Medium,	W74-05643 7-11 5D	W74-01189 7-03 2E
W74-01328 7-03 5B	A Comparison of Effluent Characteristics from Conventional and Oxygen Bleaching	On Wind Tides and Longshore Currents Over the Continental Shelf Due to Winds Blowing a
NATIONAL CANCER INST., BETHESDA, MD.	Sequences: Results of a Laboratory Study.	an Angle to the Coast,
EPIDEMIOLOGY BRANCH. Asbestos-Like Fibers in Duluth Water Supply,	W74-07375 7-14 5D	W74-04210 7-08 2E
Relation to Cancer Mortality,	An Evaluation of the Adsorptive Properties of	Wave Shoaling,
W74-10900 7-20 5C	Fly Ash and Bark-Derived Activated Char,	W74-04215 7-08 2E
NATIONAL CANNERS ASSOCIATION,	W74-08435 7-16 5D	Wave Shoaling,
BERKELEY, CALIF. WESTERN RESEARCH	Laboratory and Controlled Experimental	W74-04216 7-08 2E
LAB.	Stream Studies of the Effects of Kraft Ef-	
In-Plant, Continuous Hot-Gas Blanching of	fluents on Growth and Production of Fish,	On the Breaking of Waves Arriving at an Angle to the Shore.
Spinach,	W74-11087 7-21 5C	W74-04217 7-08 2H
W74-07368 7-14 3E	PT - PL - G - I' - C PL - L'I' - L PL - L PL - L	W 74-04217 7-00 21
NATIONAL CANNERS ASSOCIATION.	Pilot Plant Studies of Turbidity and Residual	NATIONAL ENGINEERING SCIENCE CO.,
WASHINGTON, D.C. FISHERY PRODUCTS	Cell Material Removal from Mill Effluents by Granular Media Filtration,	WASHINGTON, D.C.
COMMITTEE.	W74-11088 7-21 5D	On Non-Saturated Breakers and the Wave Run
Uncle is Moving In,		Up, W74-04742 7-09 2I
W74-12769 7-24 6E	Preliminary Laboratory Studies of the	W 14-04/42 1-05 21
NATIONAL CENTER FOR ATMOSPHERIC	Decolorization and Bactericidal Properties of	Modification of Wave Spectra on the Continen
RESEARCH, BOULDER, COLO.	Ozone in Pulp and Paper Mill Effluents,	tal Shelf and in the Surf Zone,
A Numerical Model of Coastal Upwelling,	W74-11089 7-21 5D	W74-04762 7-09 2I
W74-02713 7-06 2E	Operator Certification Programs Applicable to	The Ash Wednesday East Coast Storm, March
NAMES OF A STREET PARTY OF THE PARTY OF THE	Industrially Owned Waste Water Facilities,	5-8, 1962. A Hindcast of Events, Causes, and
NATIONAL CENTER FOR EARTHQUAKE	W74-11100 7-21 5D	Effects.
RESEARCH, MENLO PARK, CALIF. Establishment, Test, and Evaluation of a Proto-		W74-04969 7-10 2
type Volcano-Surveillance System,	Some Current Paper Industry Environmental	
W74-01698 7-04 7B	Protection Problems,	NATIONAL ENVIRONMENTAL RESEARCH
	W74-11126 7-21 5D	CENTER, CINCINNATI, OHIO. Tritium Releases from Nuclear Power Stations.
NATIONAL CHEMICAL LAB. FOR INDUSTRY,	Industrial Wastes: Paper and Applied Products.	W74-02017 7-04 SE
TOKYO (JAPAN).	W74-12941 7-24 5D	174-02017
Simultaneous Determination of Divalent $Cu(2+)$, $Pb(2+)$, $Cd(2+)$ and $Zn(2+)$ Ions in		Gas Chromatographic Determination of Methy
Fresh Town-Water by Anodic Stripping	NATIONAL ECONOMIC RESEARCH	Mercury in Fish, Sediment, and Water,
Polarography, (in Japanese),	ASSOCIATES, INC., NEW YORK.	W74-03549 7-07 5.4
W74-13423 7-24 5A	Possible Impact of Costs of Selected Pollution	An Investment Decision Model for Contro
	Control Equipment on the Electric Utility In-	Technology,
NATIONAL CHEMICAL LAB., TEDDINGTON	dustry and Certain Power Intensive Consumer Industries. Executive Summary.	W74-04079 7-08 50
(ENGLAND). Corrosion and its Prevention in Waters,	W74-07140 7-14 5G	
W74-04151 7-08 8G	***************************************	A Mathematical Model for Aerobic Digestion,
7.00 00	NATIONAL ENERGY AUTHORITY, BANGKOK	W74-05856 7-11 5I
NATIONAL CHEMICAL RESEARCH LAB.,	(THAILAND).	The properties of Sludges,
PRETORIA (SOUTH AFRICA).	Stream Gauging Network of the Lower	W74-05967 7-12 51
Method of Preparing Washed Suspensions of Anaerobic Bacteria for Metabolic Studies,	Mekong Basin,	Action Bearest Techs Bearet Finest Ver-
W74-06875 7-13 5A	W74-11499 7-22 7B	Active Research Tasks ReportFiscal Year 1973.
W/400073	NATIONAL ENERGY AUTHORITY,	W74-07651 7-15 50
NATIONAL COUNCIL FOR SCIENTIFIC	REYKJAVIK (ICELAND).	
RESEARCH, LUSAKA (ZAMBIA).	A Program for the Exploration of High Tem-	Lime Stabilization of Primary Sludges,
Unsaturated Flow of Water in Anisotropic	perature Areas in Iceland,	W74-07760 7-15 51
Porous Media, W74-12835 7-24 2G	W74-08981 7-17 2F	Environmental Research in 1973Annual Re
W /4-12833	Geohydrology of the Laugarnes Hydrothermal	port.
NATIONAL COUNCIL OF THE PAPER	System in Reykjavik, Iceland,	W74-08309 7-16 50
INDUSTRY FOR AIR AND STREAM	W74-08996 7-17 2F	
IMPROVEMENT, INC., NEW YORK.		Monitoring for Trace MetalsWater Environ
Recent Studies of Mercury Analysis	Exploration of the Reykianes Thermal Brine	ment, W74-09215 7-17 54
Procedures for Mill Effluents, W74-03542 7-07 5A	Area,	W74-09215 7-17 5/
W/4-03342 /-0/ 3A	W74-09039 7-17 2K	Denitrification in Granular Carbon and San
An Investigation of Atomic Absorption Analy-	NATIONAL ENGINEERING SCIENCE CO.,	Columns,
sis of Mill Effluent Metal Ion Content,	MCLEAN, VA.	W74-10465 7-20 51
W74-03543 7-07 5A	The Effect of Currents on the Mass Transport	Trace Organic Contaminants in Drinkin
Effect of Bark Addition on the Dewatering Pro-	of Progressive Water Waves,	Water; Their Concentration by Reverse Osmo
perties of Biological Sludges.	W74-03455 7-07 2L	sis,
W74-03544 7-07 5D	WARRANA PROBRESS	W74-10982 7-21 5
	NATIONAL ENGINEERING SCIENCE CO.,	
1972 Review of the Literature on Pulp and	PASADENA, CALIF. Water-Level Fluctuations and Flow in Tidal In-	Constraints to Spreading Sewage Sludge o
Paper Effluent Management, W74-04540 7-09 5D	lets,	Cropland,
W74-04540 7-09 5D	W74-00507 7-01 2L	W74-11701 7-22 5
Characterization of Sulfite Pulping Effluents		Wastewater Treatment: Water Reclamation an
and Available Alternative Treatment Methods,	Wave Shoaling,	Reuse,
W74-05278 7-10 5D	W74-00514 7-01 2E	W74-12939 7-24 5

7-24 5D

ORGANIZATIONAL INDEX NATIONAL INST. FOR WATER RESEARCH, CONGELLA (SOUTH AFRICA). REGIONAL

NATIONAL ENVIRONMENTAL RESEARCH CENTER, CINCINNATI, OHIO. ADVANCED WASTE TREATMENT RESEARCH LAB.	NATIONAL ENVIRONMENTAL RESEARCH CENTER, LAS VEGAS, NEV. Separation of Water From Biological and En-	Determination of Trace Elements in Coal, Fly Ash, Fuel Oil, and Gasoline-A Preliminary Comparison of Selected Analytical Techniques,
Digital Computer Programs for the Cost En-	vironmental Samples for Tritium Analysis,	W74-12500 7-23 5A
gineer. W74-04087 7-08 5D	W74-00053 7-01 5A	NATIONAL ENVIRONMENTAL RESEARCH
	Environmental Tritium Surveillance for Project	CENTER, RIVES, W.V. Mine Drainage Pollution Control Via Reverse
Physical-Chemical Nitrogen Removal from Mu-	Rulison, W74-02020 7-04 5B	Osmosis.
nicipal Wastewater, W74-06355 7-12 5D	W 74-02020 7-04 3B	W74-07881 7-15 5D
	Tritium Burdens in Two Arctic Villages,	NATIONAL ENVIRONMENTAL RESEARCH
Costs of Wastewater Renovation,	W74-08649 7-16 5B	CENTER, WASHINGTON, D.C.
W74-07141 7-14 5D	Water Surveillance Programs, November 1972.	Historical Development of Water Pollution
An Overview of the Problems of Disinfection,	W74-08651 7-16 5B	Control Cost Functions,
W74-10181 7-19 5D	Water Surveillance Brograms February 1972	W74-11102 7-21 5G
Disposal and Reuse of Sludge and Sewage:	Water Surveillance Programs, February 1973 and 1972, Special Analyses.	NATIONAL ENVIRONMENTAL SATELLITE
What Are the Options,	W74-08652 7-16 5B	CENTER, SUITLAND, MD. Earth Satellites and Their Applications in
W74-11835 7-22 5D	W C	Hydrometry and Hydrology,
Some Constraints of Spreading Sludge on	Water Surveillance Programs, April-May 1973. W74-08655 7-16 5B	W74-11553 7-22 7B
Cropland,	W 74-08033 7-10 3B	NATIONAL ENVIRONMENTAL SATELLITE
W74-11838 7-22 5D	Tritium Surveillance System, April-June 1973. W74-08656 7-16 5B	SERVICE, HILLCREST HEIGHTS, MD.
NATIONAL ENVIRONMENTAL RESEARCH		Evaluation of ERTS Data for Certain Hydrological Uses,
CENTER, CINCINNATI, OHIO. ANALYTICAL	Environmental Monitoring Report for the Nevada Test Site and Other Test Areas Used	W74-09230 7-17 2C
QUALITY CONTROL LAB. Description and Ecology of Three Stenonema	for Underground Nuclear Detonations - Janua-	NATIONAL ENVIRONMENTAL SATELLITE
Mayfly Nymphs,	ry-December 1972.	SERVICE, WASHINGTON, D.C.
W74-02953 7-06 5A	W74-09852 7-19 5A	Ocean Current Monitoring Employing a New
NAMIONAL ENVIRONMENTAL RESPARCE	Determination of Submicrogram Amounts of	Satellite Sensing Technique,
NATIONAL ENVIRONMENTAL RESEARCH CENTER, CINCINNATI, OHIO.	Mercury by the Oxygen Bomb Combustion	W74-01876 7-04 2E
ENVIRONMENTAL TOXICOLOGY RESEARCH	Method,	ERTS-1 Observes Algal Bloom in Lake Erie
DIV.	W74-11388 7-21 5A	and Utah Lake, W74-06699 7-13 5A
Gastrointestinal Absorption of Different Com-	Formation of Methylmercury in a Terrestrial	W/4-00033
pounds of 115m Cadmium and the Effect of Different Concentrations in the Rat,	Environment,	NATIONAL FIELD INVESTIGATIONS
W74-09778 7-18 5C	W74-11393 7-21 5B	CENTER-DENVER, COLO. Remote Sensing Report, San Francisco Bay
NATIONAL ENVIRONMENTAL RESEARCH	NATIONAL ENVIRONMENTAL RESEARCH	Area, April-July 1972. Volume I.
CENTER, CINCINNATI, OHIO. TECHNICAL	CENTER, RESEARCH TRIANGLE PARK, N.C. Polychlorinated Biphenyl Residues in Human	W74-10654 7-20 5A
INFORMATION OFFICE.	Plasma Expose a Major Urban Pollution	NATIONAL FISHERIES INST., INC.,
Environmental Research Publications, January 1971-July 1973.	Problem,	WASHINGTON, D.C. Industry Activities in Response to the Heavy
W74-11746 7-22 5G	W74-02078 7-04 5B	Metals Problem in Seafoods,
	SO2 Oxidation Mechanism in Olefin-NOx-SO2	W74-12771 7-24 5G
NATIONAL ENVIRONMENTAL RESEARCH CENTER, CINCINNATI, OHIO. WATER	Smog,	NATIONAL INDUSTRIAL POLLUTION
SUPPLY RESEARCH LAB.	W74-10966 7-21 5B	CONTROL COUNCIL, WASHINGTON, D.C.
Mercury Removal by Conventional Water-	Comparison of Volume and Mass Distribution	STEEL SUB-COUNCIL.
Treatment Techniques,	for Denver Aerosols,	The Steel Industry and Environmental Quality.
W74-09773 7-18 5F	W74-10968 7-21 5B	W74-01841 7-04 5G
Need for Collaborative Studies of Standard	Mass and Composition of an Urban Aerosol as	NATIONAL INST. FOR MEDICAL RESEARCH,
Methods,	a Function of Size for Several Visibility	LONDON (ENGLAND). Synchronous Cultures of Bacillus subtille Ob-
W74-10951 7-21 5A	Levels,	tained by Filtration With Glass Fiber Filters,
NATIONAL ENVIRONMENTAL RESEARCH	W74-10969 7-21 5B	W74-03599 7-07 5A
CENTER, CORVALLIS, OREG. Evaluation of Thermal Pollution Control Alter-	A Spectroscopic Study of Pasadena Smog, W74-10995 7-21 5A	NATIONAL INST. FOR PHYSICAL PLANNING
natives,	W /4-10993 /-21 3A	AND CONSTRUCTION RESEARCH, DUBLIN
W74-03791 7-08 5D	A Colorimeter System for Determination of	(IRELAND). An Automatic Separator for the Removal of
NATIONAL ENVIRONMENTAL RESEARCH	The Method 6 Thorin Titration Endpoint,	Aquatic Insects from Detritus,
CENTER, EDISON, N. J. EDISON WATER	W74-11001 7-21 5A	W74-01624 7-03 7B
QUALITY RESEARCH DIV.	Control of Sulfur Oxide Pollution from Power	NATIONAL INST. FOR RESEARCHES IN
Extraction of Dispersed Oils from Water for	Plants,	INORGANIC MATERIALS, IBARAKI (JAPAN).
Quantitative Analysis by Infrared Spec- trophotometry.	W74-11431 7-21 5G	Solvent Extraction of Copper (II) and Zinc (II)
W74-00267 7-01 5A	NATIONAL ENVIRONMENTAL RESEARCH	with 1,5-Diphenylcarbazone, W74-06088 7-12 5A
	CENTER, RESEARCH TRIANGLE PARK, N.C.	
NATIONAL ENVIRONMENTAL RESEARCH CENTER, GROSSE ILE, MICH. GROSSE ILE	QUALITY ASSURANCE AND ENVIRONMENTAL MONITORING LAB.	NATIONAL INST. FOR WATER RESEARCH, CONGELLA (SOUTH AFRICA). REGIONAL

Determination of Total Mercury in Air by Charcoal Adsorption and Ultraviolet Spec-

7-21 5A

W74-06606

trophotometry, W74-11363

7-23 5C

LAB.
First Annual Reports of the EPA IFYGL Pro-

jects. W74-12214 An Ecological Account of the Past and Future of South African Rivers,

ATIONAL INST. FOR WATER RESEARCH,	NATIONAL INST. OF ENVIRONMENTAL	Computer Oriented Approach of a water Dis-
RETORIA (SOUTH AFRICA).	HEALTH SCIENCES, RESEARCH TRIANGLE	tribution System,
The Full-Scale Refinement of Purified Sewage	PARK, N.C. Biologic Effect of Metallic Contaminants-The	W74-12142 7-23 4A
for Unrestricted Industrial use in the Manufac-	Next Step,	NATIONAL INSTITUTES OF HEALTH,
ture of Fully Bleached Kraft-Pulp and Fine	W74-11720 7-22 5C	BETHESDA, MD. CLINICAL PATHOLOGY
Paper,	W/4-11/20 /-22 3C	DEPT.
W74-02906 7-06 5D	NATIONAL INST. OF INDUSTRIAL HEALTH,	Computer Identification of Bacteria on the
. Parallel Pierre in Petrophic	KAWASAKI (JAPAN). DEPT. OF	Basis of Their Antibiotic Susceptibility Pat-
Application of Algal Bioassays in Eutrophica-	OCCUPATIONAL DISEASES.	
tion Analyses,	Isolation of (Beta Sub 2)-Microglobulin from	terns, W74-01443 7-03 5A
W74-02907 7-06 5C	the Urine of Patients with Itai-Itai (Ouch-Ouch)	W /4-01443 /-03 3A
Algal Growth Prediction Using Growth Kinetic	Disease,	NATIONAL IRRIGATION ADMINISTRATION,
	W74-09771 7-18 5A	MANILA (PHILIPPINES). WATER
Constants, W74-03871 7-08 5C		MANAGEMENT PROJECT.
W74-03871 7-08 5C	NATIONAL INST. OF OCEANOGRAPHY,	Improved Water Management for Paddy Rice
Drug Resistance of Coliform Bacteria in	PANJIM (INDIA).	Production in the Philippines,
Hospital and City Sewage,	Copper Content in the Inshore and Estuarine	W74-08464 7-16 3F
W74-05361 7-10 5B	Waters Along the Central West Coast of India,	11 14-00404 7-10 31
W/4-03301 /-10 3B	W74-11358 7-21 5B	NATIONAL LEAD CO., HIGHTSTOWN, N.J.
Nitrogen Elimination by Bogus Alternation of		Foam Fractionation of Mercury(II) Nitro Com-
Aerobic/'Anoxic' Conditions in 'Orbal' Ac-	NATIONAL INST. OF OCEANOGRAPHY,	plexes,
tivated Sludge Plants,	WORMLEY (ENGLAND).	W74-07945 7-15 5A
W74-06605 7-13 5D	Wave-Induced Bottom Currents on the Outer	W 14-01745
17-100003	Shelf,	NATIONAL LEAD CO. OF OHIO, CINCINNATI.
Survival in Maturation Ponds of Coliform Bac-	W74-01719 7-04 2J	Feed Materials Production Center (Cincinnati,
teria With Transferable Drug Resistance,		Ohio) Environmental Monitoring Annual Re-
W74-06748 7-13 5C	Sediment Transport by the North Sea,	port for 1972.
7-13 30	W74-03032 7-06 2J	W74-09853 7-19 5A
Drug Resistant Coliforms Call for Review of	An Inexpensive S.T.D. Data Logging System,	W 74-09033
Water Quality Standards,	W74-04772 7-09 7C	NATIONAL MARINE FISHERIES SERVICE,
W74-10497 7-20 5D	W/4-04//2	ANN ARBOR, MICH. GREAT LAKES FISHERY
11711077	NATIONAL INST. OF RADIATION	LAB.
The Relationship Between Sewers, Environ-	PROTECTION, STOCKHOLM (SWEDEN).	Short Term Fate of Dietary Dieldrin in the
mental Pollution and Bacteria That Are Re-	The Content of Some Natural Radioactive Ele-	Digestive Tract of Juvenile Lake Trout
sistant to Antimicrobial Agents, (In Afrikaans),	ments, Especially Rn-222, in Some Potable	(Salvelinus Namaycush),
W74-13158 7-24 5B	Waters in Sweden,	W74-11308 7-21 5C
	W74-06372 7-12 2K	W 74-11308 7-21 3C
NATIONAL INST. FOR WATER RESEARCH,	117-00312	NATIONAL MARINE FISHERIES SERVICE,
PRETORIA, (SOUTH AFRICA); AND COUNCIL	NATIONAL INST. OF RADIOLOGICAL	BEAUFORT, N.C.
FOR SCIENTIFIC AND INDUSTRIAL	SCIENCES, CHIBA (JAPAN).	Accumulation of Soluble and Particulate
RESEARCH, PRETORIA (SOUTH AFRICA).	Determination of Trace Fluorine in Biological	Radionuclides by Estuarine Fish,
A Method to Monitor the Effects of Toxicants	Materials by Photonuclear Activation Analysis,	W74-02049 7-04 5B
Upon Breathing Rate of Largemouth Bass	W74-02361 7-05 5A	117-02049
(Micropterus salmoides Lacepede),		Concentrations of Manganese, Iron, and Zinc
W74-12522 7-23 5C	NATIONAL INST. OF RADIOLOGICAL	in Juveniles of Five Estuarine-Dependent
7-23 30	SCIENCES, CHIBA (JAPAN). DEPT. OF	Fishes.
NATIONAL INST. FOR WATER RESEARCH,	ENVIRONMENTAL CONTAMINATION.	W74-07803 7-15 5C
WINDHOEK (SOUTH-WEST AFRICA).	Accumulation of Strontium and Calcium in	W 14-01003
Survey of Rain Run-Off Harvesting,	Freshwater Fishes of Japan,	Iron-55 and Ruthenium-103 and -106 in the
W74-02915 7-06 3B	W74-02197 7-05 5C	Brackish-Water Clam Rangia cuneata,
W 14-02515		W74-07804 7-15 5A
Evaporation of Water from Sand: 5. The Effect	Accumulation of SR in Marine Organisms- I.	715 511
of Evaporation on the Concentration of Salts	Strontium and Calcium Contents, CF and OR	Distribution and Relative Abundance of Fishes
Dissolved in Water Stored in Sand,	Values in Marine Organisms,	in Newport River, North Carolina,
W74-07169 7-14 2D	W74-13098 7-24 5C	W74-12064 7-23 8I
W/4-0/109 /-14 2D	NAMED AND ADDRESS OF PARTOLOGICAL	
Evaporation of Water from Sand, 3: The Loss	NATIONAL INST. OF RADIOLOGICAL	NATIONAL MARINE FISHERIES SERVICE,
of Water into the Atmosphere from a Sandy	SCIENCES, CHIBA (JAPAN). DIV. OF	BEAUFORT, N.C. ATLANTIC COASTAL
River Bed Under Arid Climatic Conditions,	ENVIRONMENTA. HEALTH.	FISHERIES CENTER.
W74-11266 7-21 2D	Levels of Cobalt, Cesium and Zinc in Some	Occurrence of the Parasitic Branchiuran, Argu-
W 74-11200 7-21 2D	Marine Organisms in Japan,	lus alosae, On Dying Atlantic Menhaden,
Evaporation of Water from Sand, 4: The In-	W74-12244 7-23 5C	Brevoortia tyrannus, In the Connecticut River,
fluence of the Depth of the Water-Table and	NATIONAL INST. OF SCIENCE AND	W74-05526 7-11 5C
the Particle Size Distribution of the Sand,	TECHNOLOGY, MANILA (PHILIPPINES). DIV.	7-11 50
W74-11267 7-21 2D		NATIONAL MARINE FISHERIES SERVICE,
7-21 2D	OF AGRICULTURE AND NATURAL	BEAUFORT, N.C. ATLANTIC ESTUARINE
NATIONAL INST. OF AGRICULTURAL	RESOURCES RESEARCH.	FISHERIES CENTER.
SCIENCES, NISHIGAHARA (JAPAN).	Improvement of Soil Cover for Water Conser-	Relation Between Total Body Weight and Con-
Thermodynamics of Soil Water: IV. Chemical	vation, Prevention of Sedimentation and Pollu- tion Control in the Philippines,	centrations of Manganese, Iron, Copper, Zinc,
Potential of Soil Water,	W74-08481 7-16 5G	and Mercury in White Muscle of Bluefish
	7-10 30	manufacture of Distriction

NATIONAL INST. OF SCIENTIFIC RESEARCH,

Determination of the Confidence Intervals of

the Pearson III Law Using Order Statistics

(Determination des intervalles de confiance de

la loi Pearson III par les statistiques d'ordre),

(Pomatomus saltatrix) and A Bathyl-Dimersal

Seasonal Abundance and Distribution of Ju-

venile Blue Crabs in Core Sound, N.C. 1965-

7-14 2L

Fish Antimora Rostrata,

W74-01413

W74-07350

1966,

7-13 2E

W74-08191

BETHESDA, MD.

W74-01578

NATIONAL INST. OF DENTAL RESEARCH,

Effect of Partial Defluoridation of a Water

Supply on Dental Fluorosis: Final Results in Bartlett, Texas, After 17 Years,

7-16 2G

7-03 5F

QUEBEC.

W74-06906

ORGANIZATIONAL INDEX NATIONAL MUSEUM OF NATURAL HISTORY, BUDAPEST (HUNGARY). DEPT. OF BOTANY.

NATIONAL MARINE FISHERIES SERVICE,

Standing Crops of Aquatic Organisms in Tidal NATIONAL MARINE FISHERIES SERVICE,

Streams of the Lower Coop	er River System,	NAKKAGANSETT, K.I. NAKKAG		WASHINGTON, D.C.	b. D
South Carolina, W74-09380	7-18 2L	Influence of Temperature on tion of Embryonic and Prolary		Decapod Crustaceans of the Che W74-00915	7-02 2L
W 74-03380	7-10 22	toga onitis,			
NATIONAL MARINE FISHERI	ES SERVICE,	W74-02872	7-06 5C	NATIONAL MARINE FISHERIES	
BEAUFORT, N.C. CENTER FO		NATIONAL MARINE FISHERIE	e eppvice	WASHINGTON, D.C. FISHERY P	
AND MENHADEN RESEARCH		OXFORD, MD. MIDDLE ATLAN		RESEARCH AND INSPECTION D Effects of Regulatory Guideline	
Effect of Radiation, Salinity		FISHERIES CENTER.	IIC COASTAL	of Mercury from Fish - the MEC	
on the Ionic Regulation of th	e Blue Crab, Cal-	A Tempering Reservoir and Ma	nifold for Flow-	W74-11372	7-21 5C
linectes sapidus, W74-07818	7-15 SC	ing-Water Aquariums,			
W /4-0/818	7-13 30	W74-12257	7-23 7B	NATIONAL MARINE FISHERIES	
NATIONAL MARINE FISHERI	ES SERVICE,			WASHINGTON, D.C. SYSTEMAT	
GALVESTON, TEX. BIOLOGIC		NATIONAL MARINE FISHERIE		A Ten-Year Study of Meroplan	
Some Effects of Filtration of	on the Determina-	PASCAGOULA, MISS. SOUTHE. FISHERIES CENTER.	ASI	Carolina Estuaries: Mysid Shrim W74-02094	7-04 2L
tion of Nutrients in Fresh and		Relationships Between Remote	ly Sensed Fishe-	W 74-02094	7-04 ZL
W74-01521	7-03 7B	ries Distribution Information		NATIONAL MARINE FISHERIES	SERVICE,
Observations on the Hydrolog	av and Marina Or	Oceanographic Parameters in		WEST BOOTHBAY HARBOR, MA	
ganisms of the Tidal Colora		Sound,		BOOTHBAY HARBOR LAB. NOR	THEAST
jacent Waters, Texas, Februa		W74-06708	7-13 7B	FISHERIES CENTER.	- 4 d
W74-13463	7-24 5B	NATIONAL MARINE FISHERIE	C CEDVICE	Erythrocyte Degeneration in the	
		SEATTLE, WASH. NORTHWES		ring, Clupea Harengus Harengus W74-13479	7-24 SC
NATIONAL MARINE FISHERI	ES SERVICE,	CENTER.	I FISHERIES	W 14-13479	1-24 30
HIGHLANDS, N.J. SANDY HO	OK LAB.	Predation, Particularly by Scul	pins, on Salmon	NATIONAL MARINE FISHERIES	SERVICE,
Effect of Thermal Effluent of	on Migrating Men-	Fry in Fresh Waters of Washin		WEST BOOTHBAY HARBOR, MA	AINE. DEPT.
haden,		W74-03058	7-06 2I	OF SEA SHORE FISHERIES.	
W74-11305	7-21 5C	D	- in Dat 1	Reproduction of the Bloody	
NATIONAL MARINE FISHERI	DC CPRVICE	Paraffin Hydrocarbon Pattern	is in Petroleum-	dibranchiata) in the Sheepscot E	
HIGHLANDS, N.J. SANDY HO		Polluted Mussels, W74-05326	7-10 5A	W74-11043	7-21 2L
FISHERIES MARINE LAB.	OR SPURIS	W 74-03326	7-10 JA	NATIONAL MARINE FISHERIES	SERVICE.
The Effects of Waste Disp	osal in the New	A Portable Wire-Speed Indica	tor for Use with	WOODS HOLE, MASS. NORTHE	
York Bight. Section 3: Zoopla		Plankton Nets,		FISHERIES CENTER.	
W74-06866	7-13 5C	W74-06059	7-12 7B	Temperature Trends and the	
		NATIONAL MARINE FISHERIE	e eppvice	Groundfish in Continental Shelf	Waters, Nova
The Effects of Waste Disp		SEATTLE, WASH. NORTHWES		Scotia to Long Island,	
York Bight. Section 5: Chemi		CENTER. ENVIRONMENTAL C		W74-02867	7-06 5C
W74-06867	7-13 5C	DIVISION.		NATIONAL MARINE WATER QU	ALITY LAB.
The Effects of Waste Disp	nosal in the New	Northwest Fishery Center Res		JOHNS ISLAND, S.C.	•
York Bight. Sections 7, 8, and		of Environmental Contaminant	ts on Marine Or-	Retention of Two Mercurials by	Striped Mullet,
W74-06868	7-13 5C	ganisms,		Mugil Cephalus,	
		W74-09572	7-18 5C	W74-12504	7-23 5B
NATIONAL MARINE FISHER		NATIONAL MARINE FISHERIE	S SERVICE.	NATIONAL MARINE WATER QU	IALITY LAB
HONOLULU, HAWAII. SOUTI	HWEST	SEATTLE, WASH. PACIFIC FIS		WEST KINGSTON, R.I.	
FISHERIES CENTER.	i- C-b- C-l	PRODUCTS TECHNOLOGY CE		Effects of Dissolved Oxygen	on Two Life
Long-Term Olfactory 'Mem mon, Oncorhynchus Kisutch		The Use and Effect of Mixed		Stages of the Mummichog,	
W74-13480	7-24 5C	Quantitation of Polychlorinated		W74-01776	7-04 5C
₩ /4-13480	1-24 30	W74-02393	7-05 5A	Using Artemia to Assay Oil Dis	Tarisi
NATIONAL MARINE FISHER	IES SERVICE, LA	NATIONAL MARINE FISHERIE	S SEDVICE ST	ties,	persant 10xici-
JOLLA, CALIF. FISHERY-OC		PETERSBURG BEACH, FLA. G		W74-06877	7-13 5A
CENTER.		FISHERIES CENTER.	CDI COMBI	W 74-00877	7-13 JA
Ecological Efficiency of		Fishes, Macroinvertebrates, a		A Continuous Recirculating Cul	ture System for
Shrimp: Estimates from		Conditions of Uplands Canals	s in Tampa Bay,	Planktonic Copepods,	
Budget, and Mortality Studie		Florida,		W74-08740	7-17 5C
W74-12561	7-23 5C	W74-05916	7-11 5C	Acute Toxicology to an Estua	rine Teleost of
NATIONAL MARINE FISHER	IFS SERVICE	Cooperative Gulf of Mexico E	stuarine Invento-	Mixtures of Cadmium, Copper a	
MILFORD, CONN.	ILO SERVICE,	ry and Study, Florida: Phase		W74-13101	7-24 5C
Physiological Response of the	he Mud Crab, Eu-	tion,			
rypanopeus Depressus to Cac		W74-06995	7-13 2L	NATIONAL MARITIME RESEAR	
W74-06126	7-12 SC	NATIONAL MARKE PICHERIE	C CPRVICE CT	GALVESTON, TEX. CARGO HAI TERMINALS PROGRAM.	ADLING AND
		NATIONAL MARINE FISHERIF PETERSBURG, FLA. SOUTHEA		Leak Detection in Underwater	Vil Pinelines
NATIONAL MARINE FISHER		Foreign Fishing Off the Sou		W74-12065	7-23 5A
MILFORD CONN. MIDDLE A'		States under the Currently			
COASTAL FISHERIES CENTE		tiguous Sea Limitation,	p con-	NATIONAL MILK PRODUCERS	FEDERATION,
Effects of Copper and Cadm lation and Oxygen Consum		W74-05654	7-11 6E	WASHINGTON, D.C.	
cies of Estuarine Crabs.	puon in 1 wo Spe-			Dairy Farmer Concerns of La	
W74-11491	7-22 5C	State-Federal Management Init W74-05659	tiative, 7-11 6E	tions Affecting Animal Waste M W74-09672	lanagement, 7-18 5G
NATIONAL MARINE FISHER	IES SERVICE	NATIONAL MARINE FISHERIE	C CEDVICE	NATIONAL MUSEUM OF NATU	DAT
MILFORD, CONN. MILFORD		TIBURON, CALIF. TIBURON F		HISTORY, BUDAPEST (HUNGAI	
Biological Activity of a Cell		Larval Fish Survey of Humbo		BOTANY.	,
Dinoflagellate, Amphidinium		nia,		Leaf Anatomical and Photosy	nthetical Reac-
W74-05744	7-11 5C	W74-03059	7-06 2L	tions of Quercus Pubescens W	illd. to Environ-

BOTANY.

Leaf Anatomical and Photosynthetical Reactions of Quercus Pubescens Willd. to Environ-

NATIONAL MUSEUM OF NATURAL HISTORY, BUDAPEST (HUNGARY). DEPT. OF BOTANY.

mental Factors in Various Ecosystems: I. Leaf Anatomical Reactions,	Ridge and Swale Topography of the Middle Atlantic Bight, North America: Secular Response	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WASHINGTON, D.C.
W74-12545 7-23 2I	to the Holocene Hydraulic Regime, W74-05550 7-11 2J	OFFICE OF COASTAL ENVIRONMENT. Marine Resources A National Perspective,
NATIONAL MUSEUM OF NATURAL		W74-10732 7-20 6E
HISTORY, WASHINGTON, D. C. Temperature Control of Reproduction and	Remote Sensing of Ocean Currents, W74-06319 7-12 2J	NATIONAL OCEANOGRAPHIC AND
Productivity in a Subarctic Coralline Alga, W74-06751 7-13 5C	Oceanographic Features in the Lee of the	ATMOSPHERIC ADMINISTRATION, JUNEAU, ALASKA.
NATIONAL MICEUM OF NATURAL	Windward and Leeward Islands: ERTS and Ship Data,	Effect of Oil on Marine Ecosystems: A Review For Administrators and Policy Makers,
NATIONAL MUSEUM OF NATURAL SCIENCES, OTTAWA (ONTARIO). The Arctic Dredge, A Benthic Biological Sam-	W74-06674 7-13 2E	W74-11348 7-21 50
pler for Mixed Boulder and Mud Substrates.	Remote Sensing of Ocean Currents using ERTS	NATIONAL OCEANOGRAPHIC DATA
W74-02085 7-04 2C	Imagery, W74-06675 7-13 2L	CENTER, WASHINGTON, D.C. Federal Environmental Data Centers and
NATIONAL NATURE CONSERVANCY BOARD, DROTTNINGHOLM (SWEDEN). Experimental Investigations on the Accumula-	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, ROCKVILLE, MD.	Systems, W74-03043 7-06 10E
tion of Mercury in Water Organisms,	International Field Year for the Great Lakes. W74-01162 7-03 2H	User's Guide to NODC's Data Services. W74-08311 7-16 10A
W74-11704 7-22 5C		
NATIONAL OCEAN SURVEY, DETROIT, MICH.	Black Hills Flood of June 9, 1972. W74-01953 7-04 2E	NATIONAL OCEANOGRAPHIC INSTRUMENTATION CENTER, WASHINGTON, D.C.
Great Lakes Ice Cover, Winter 1971-72,	Evolution of Monitoring for Earthwatch,	Salinity Corrections for Dissolved Oxygen
W74-09588 7-18 2C	W74-10948 7-21 5A	Measurements,
NATIONAL OCEAN SURVEY, DETROIT,	International Field Year for the Great Lakes,	W74-02424 7-05 5A
MICH. LAKE SURVEY CENTER.	W74-13178 7-24 2H	NATIONAL PARK SERVICE, SAN
Great Lakes Research Project Forecasts	NATIONAL OCEANIC AND ATMOSPHERIC	FRANCISCO, CALIF.
Directory 1973, W74-09118 7-17 2H	ADMINISTRATION, SEATTLE, WASH. PACIFIC OCEANOGRAPHIC LABS.	The Saguaro Giant Cactus, A Bibliography, W74-07098 7-14 2
Great Lakes Ice Cover, Winter 1970-71,	Semidiurnal Internal Tides in Massachusetts Bay,	NATIONAL PARK SERVICE, SANTA FE, N.
W74-11777 7-22 2C	W74-00504 7-01 2L	MEX. Pollution Abatement Project, Bandelier Na
NATIONAL OCEAN SURVEY, ROCKVILLE, MD.	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, SILVER SPRING, MD.	tional Monument, New Mexico (Final Environ mental Impact Statement).
Trends and Variability of Yearly Mean Sea	OFFICE OF HYDROLOGY.	W74-02801 7-06 5I
Level 1893-1972, W74-08643 7-16 2B	National Weather Service River Forecasting System,	NATIONAL PARKS AND CONSERVATION
	W74-08057 7-15 4A	ASSOCIATION, WASHINGTON, D.C. Ecological River Basin Management,
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, BOULDER, COLO.	NATIONAL OCEANIC AND ATMOSPHERIC	W74-09559 7-18 4/
ENVIRONMENTAL RESEARCH LABS. The Modification of Great Lakes Winter	ADMINISTRATION, SILVER SPRINGS, MD. AIR RESOURCES LABS.	NATIONAL PETROLEUM COUNCIL, WASHINGTON, D.C.
Storms,	Radioactivity Distribution in the Stratosphere	Supply-Economic Relationships of Offshor
W74-05732 7-11 3B	From Chinese and French High Yield Nuclear Tests (1967-1970),	Petroleum Operations, W74-09552 7-18 31
Some Climatological Characteristics of Seeda-	W74-08955 7-17 5B	
ble Upslope Cloud Systems in the High Plains, W74-07929 7-15 3B	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WASHINGTON, D.C.	NATIONAL PHYSICAL RESEARCH LAB., PRETORIA (SOUTH AFRICA). The Determination of Trace Quantities of
NATIONAL OCEANIC AND ATMOSPHERIC	That Sinking Feeling,	Molybdenum by Atomic Absorption Spec
ADMINISTRATION, CORAL GABLES, FLA.	W74-01920 7-04 2F	troscopy,
EXPERIMENTAL METEOROLOGY LAB.	NATIONAL OCEANIC AND ATMOSPHERIC	W74-11371 7-21 5/
Comparison of Gage and Radar Methods of Convective Precipitation Measurement,	ADMINISTRATION, WASHINGTON, D.C.	NATIONAL RADIATION LAB.,
W74-01149 7-03 2B	CENTER FOR EXPERIMENT DESIGN AND DATA ANALYSIS.	CRISTCHURCH, (NEW ZEALAND). Environmental Radioactivity Annual Report
NATIONAL OCEANIC AND ATMOSPHERIC	Bomex Rainy Day Analysis,	1972.
ADMINISTRATION, FORT COLLINS, COLO.	W74-04921 7-10 2B	W74-10112 7-19 54
Hydrologic Effects of Patch Cutting of Lodgepole Pine,	NATIONAL OCEANIC AND ATMOSPHERIC	NATIONAL RESEARCH CENTER FOR
W74-08603 7-16 4C	ADMINISTRATION, WASHINGTON, D.C. COASTAL ZONE MANAGEMENT TASK	DISASTER PREVENTION, TOKYO (JAPAN). Heat Transfer Measurement in the Owakudar
NATIONAL OCEANIC AND ATMOSPHERIC	FORCE. Status of State Coastal Zone Management Ef-	and Sounzan Geothermal Areas, Hakone Vo
ADMINISTRATION, MIAMI, FLA. ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL	forts.	W74-09008 7-17 2
LAB.	W74-04995 7-10 2L	Estimation of Hydrothermal Systems by Mean
Mass Physical Properties of Some Western Black Sea Sediments,	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WASHINGTON, D.C.	of Well-Head Observations, W74-09028 7-17 4
W74-12385 7-23 2J	ENVIRONMENTAL DATA SERVICE. Environmental Influences on Offshore Facili-	NATIONAL RESEARCH CENTRE, CAIRO
NATIONAL OCEANIC AND ATMOSPHERIC	ties.	(EGYPT). BOTANY LAB.
ADMINISTRATION, MIAMI, FLA. ATLANTIC	W74-10898 7-20 6G	Effect of Chloromequat Chloride (CCC) o
OCEANOGRAPHIC AND METEOROLOGICAL LABS.	Evaluating Climatic Limitations for a Specific	Growth, Yield and Fibre Properties of Cotto Plants Grown Under Various Conditions of So
Estuarine Circulation Induced by Diffusion,	Agricultural Enterprise,	Moisture,
W74-01222 7-03 2L	W74-12699 7-23 3F	

7-22 21

NATIONAL WATER COMMISSION, ARLINGTON, VA.

CANADA, HALIFAX (NOVA SCOTIA). ATLANTIC REGIONAL LAB. Exhaustive Chlorination as a Technique in the Analysis of Aromatic Hydrocarbons, W74-00080 7-01 5A	WASHINGTON, D.C.	A DAVINGED A STORY OFFICE HOLDER
Exhaustive Chlorination as a Technique in the Analysis of Aromatic Hydrocarbons,	Environment: A New Focus for Land-Use	ADMINISTRATION, STOCKHOLM. FOOD LAB.
Analysis of Aromatic Hydrocarbons,	Planning.	Methylmercury as Percentage of Total Mercury
	W74-09412 7-18 4A	in Flesh and Viscera of Salmon and Sea Trou
		of Various Ages,
ALL PROPERTY DON CONTROL OF	NATIONAL SCIENCE FOUNDATION,	W74-00079 7-01 50
NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO).	WASHINGTON, D.C. OFFICE FOR THE INTERNATIONAL DECADE OF OCEAN	NATIONAL TECHNICAL INFORMATION
Thermal Conditions in PermafrostA Review	EXPLORATION.	SERVICE, SPRINGFIELD, VA.
of North American Literature,	International Decade of Ocean Exploration.	Document Services,
W74-04347 7-09 2C	W74-04473 7-09 6E	W74-03046 7-06 100
Influence of Climatic and Terrain Factors on	NATIONAL SCIENCE FOUNDATION,	Waste Processing in the Chemical and
Ground Temperatures at Three Locations in	WASHINGTON, D.C. OFFICE OF POLAR	Petrochemical IndustriesA Bibliography with
the Permafrost Region of Canada,	PROGRAMS.	Abstracts,
W74-04348 7-09 2C	The Soviet Darms ProgramTwenty Years of	W74-12069 7-23 5I
	Development, Deployment, and Data,	NATIONAL TRANSPORTATION SAFETY
Distribution of Permafrost in North America and Its Relationship to the Environment: A	W74-01157 7-03 7C	BOARD, WASHINGTON, D.C.
Review, 1963-1973,	NATIONAL SCIENCE FOUNDATION,	Prevention of Damage to Pipelines.
W74-04353 7-09 2C	WASHINGTON, D.C. SCIENCE AND	W74-07923 7-15 8A
	TECHNOLOGY POLICY OFFICE.	NATIONAL VEGETABLE RESEARCH
NATIONAL RESEARCH COUNCIL OF	Federal Water Resources Research Program	STATION, WELLESBOURNE (ENGLAND).
CANADA, OTTAWA (ONTARIO). DIV. OF APPLIED BIOLOGY.	for 1971. W74-04848 7-09 9D	Field Studies on Halo Blight of Bean
The Ecological Aspect of Fluoride,	W 14-04040 1-09 9D	(Pseudomonas phaseolicola) and Its Control by
W74-10002 7-19 5C	NATIONAL SCIENCE FOUNDATION,	Foliar Sprays,
	WASHINGTON, D.C. SPECIAL FOREIGN	W74-02070 7-04 31
NATIONAL RESEARCH COUNCIL OF	CURRENCY SCIENCE INFORMATION	NATIONAL VEGETABLE RESEARCH
CANADA, OTTAWA (ONTARIO). DIV. OF	PROGRAM. Dynamics and Morphology of Sea Coasts.	STATION, WELLSBOURNE (ENGLAND).
BIOLOGICAL SCIENCES. Growth of Streptococcus cremoris and	W74-04425 7-09 2J	Spectrophotometric Estimation of Arsenic i
Streptococcus lactis in a Chemostat. Produc-	170725	Nitric Acid Extracts of Soil and Soil Additives W74-04769 7-09 5
tion of Cells and Survival of Bacteria during	NATIONAL SHRIMP CONGRESS, INC., KEY	W74-04769 7-09 5/
Frozen Storage,	WEST, FLA.	NATIONAL WATER AND AIR POLLUTION
W74-06762 7-13 5C	Acceptability to the Fishing Industry of the	CONTROL COMMISSION, MANILA
NATIONAL RESEARCH COUNCIL OF	Current U.S. Position on Fisheries. Article III Law of the Sea Conference 1973,	(PHILIPPINES).
CANADA, OTTAWA, (ONTARIO). DIV. OF	W74-05652 7-11 6E	Pollution Control of Discharge Into Rivers Lakes and Coastal Waters in the Philippines,
BUILDING RESEARCH.		W74-08482 7-16 56
Observations of Avalanche Impact Pressures,	NATIONAL SWEDISH ENVIRONMENT	
W74-02747 7-06 2C	PROTECTION BOARD, STOCKHOLM. A Programme for Studies of the Recovery of	NATIONAL WATER AND SOIL
NAMED AND DESCRIPTION OF	Polluted Lakes. The Effect of Chemical	CONSERVATION ORGANIZATION,
NATIONAL RESEARCH COUNCIL OF	Sewage Treatment and Diversion of Sewage,	WELLINGTON (NEW ZEALAND). Calculation of Natural Catchment Infiltratio
CANADA, OTTAWA (ONTARIO). HYDRAULICS LAB.	W74-04105 7-08 5C	by Computer,
A Numerical Model of the St. Lawrence River,	NATIONAL CHIERROIT PHATPONE PART	W74-09367 7-18 76
W74-00385 7-01 2L	NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD, UPPSALA.	
	A Study on the Fractionation of Organic Matter	A General Purpose Event Water-Leve Recorder,
	in Natural Water by Ultrafiltration Techniques,	W74-09604 7-18 7
Numerical Model Studies of Rivers and Estua-	W74-11187 7-21 2K	1110001
ries,		
	VICTORIA GWENNEN NAVENON AND AND AND AND AND AND AND AND AND AN	NATIONAL WATER AUTHORITY, BUDAPEST
ries,	NATIONAL SWEDISH ENVIRONMENTAL	(HUNGARY).
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO).	PROTECTION BOARD, SOLNA.	(HUNGARY). The Air-Bubble Method of Flow Measuremen
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION.		(HUNGARY). The Air-Bubble Method of Flow Measurement and Its Application,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves,	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI.
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH.	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection in
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN).	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB.	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH.	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media,	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB.	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST.
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media,	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 55
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICAL).	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication,	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 NATIONAL WATER COMMISSION,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Com-	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE.	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 SINATIONAL WATER COMMISSION, ARLINGTON, VA.
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Comparisons of Two Treatments With a Control,	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 5 NATIONAL WATER COMMISSION, ARLINGTON, VA. Findings of the National Water Commission,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Com-	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C 'Normal' Concentrations of Mercury in Human	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 SINATIONAL WATER COMMISSION, ARLINGTON, VA.
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Comparisons of Two Treatments With a Control, W74-06746 7-13 7C NATIONAL SANITATION FOUNDATION, ANN	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 5 NATIONAL WATER COMMISSION, ARLINGTON, VA. Findings of the National Water Commission,
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Comparisons of Two Treatments With a Control, W74-06746 7-13 7C NATIONAL SANITATION FOUNDATION, ANN ARBOR, MICH.	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C 'Normal' Concentrations of Mercury in Human Tissue and Urine, W74-07685 7-15 5C	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 51 NATIONAL WATER COMMISSION, ARLINGTON, VA. Findings of the National Water Commission, W74-00812 7-02 6. New Directions in U.S. Water Policy—Summary, Conclusions and Recommendations from
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Comparisons of Two Treatments With a Control, W74-06746 7-13 7C NATIONAL SANITATION FOUNDATION, ANN ARBOR, MICH. Application of Monitoring Technology (For As-	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C 'Normal' Concentrations of Mercury in Human Tissue and Urine, W74-07685 7-15 5C Organic Mercury Compounds-Relation	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 5 NATIONAL WATER COMMISSION, ARLINGTON, VA. Findings of the National Water Commission, W74-00812 New Directions in U.S. Water Policy—Summary, Conclusions and Recommendations from the Final Report of the National Water Commission of the Final Report of the National Water Commendations of the National Water Commendations of the Nat
ries, W74-12101 7-23 8B NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). HYDRAULICS SECTION. Mathematical Simulation of Bottom Sediment Motion by Waves, W74-03698 7-07 2J NATIONAL RESEARCH COUNCIL OF CANADA, SASKATOON, (SASKATCHEWAN). PRAIRIE REGIONAL LAB. Improved pH Control of Fungal Culture Media, W74-04903 7-10 5A NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA). Sample Sizes Required for Two-Sided Comparisons of Two Treatments With a Control, W74-06746 7-13 7C NATIONAL SANITATION FOUNDATION, ANN ARBOR, MICH.	PROTECTION BOARD, SOLNA. Swedish Experiences in Sewage Treatment, W74-10163 7-19 5D NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF FOOD RESEARCH. Methylmercury Exposure, Mercury Levels in Blood and Hair, and Health Status in Swedes Consuming Contaminated Fish, W74-11330 7-21 5B NATIONAL SWEDISH FOOD ADMINISTRATION, STOCKHOLM. DEPT. OF NUTRITION AND FOOD HYGIENE. Symptoms and Signs of Intoxication, W74-07684 7-15 5C 'Normal' Concentrations of Mercury in Human Tissue and Urine, W74-07685 7-15 5C	(HUNGARY). The Air-Bubble Method of Flow Measuremer and Its Application, W74-11525 7-22 7 NATIONAL WATER BOARD OF FINLAND, HELSINKI. Legislation on Environmental Protection is Scandinavia, W74-12404 7-23 6 NATIONAL WATER BOARD OF FINLAND, HELSINKI. RESEARCH INST. Sewage Treatment Methods in Finland, W74-10162 7-19 51 NATIONAL WATER COMMISSION, ARLINGTON, VA. Findings of the National Water Commission, W74-00812 7-02 6. New Directions in U.S. Water Policy—Summary, Conclusions and Recommendations from

NATIONAL WATER COMMISSION, ARLINGTON, VA.

A Summary-Digest of State Water Laws. W74-06006 7-12 6E	An Inexpensive Solid-State Amplifier for De- tecting Movements and Electrical Potentials of	NATIONAL WEATHER SERVICE, SILVER SPRING, MD. HYDROMETEOROLOGICAL
A Summary-Digest of Federal Water Laws and	Fish, W74-13482 7-24 5A	BRANCH. Meteorological Criteria for Extreme Floods for
Programs, W74-09318 7-18 6E	NATIONAL WATER WELL ASSOCIATION,	Four Basins in the Tennessee and Cumberland River Watersheds,
NATIONAL WATER QUALITY LAB.,	HOUSTON, TEX., RESEARCH FACILITY.	W74-12636 7-23 2B
CINCINNATI, OHIO. NEWTON FISH	Engineering Economics of Rural Water Systems: A New American Approach,	NATIONAL WILDLIFE FEDERATION,
TOXICOLOGY LAB. Chronic Effect of Low pH on Fathead Minnow	W74-03152 7-06 6B	WASHINGTON, D.C. Catastrophe Brewing in Quiet Waters,
Survival, Growth and Reproduction, W74-03288 7-07 5C	Terradynamics,	W74-04025 7-08 5B
W74-03288 7-07 5C	W74-03165 7-06 8E	Economic Implications of Alternative National
NATIONAL WATER QUALITY LAB.,	The Challenge of Environmental Protection and	Goals, W74-05631 7-11 5G
CINCINNATI, OHIO. NEWTOWN FISH TOXICOLOGY LAB.	Industrial Development, W74-05083 7-10 6G	The Environment and Water-Resource
Comparison of Cadmium 115M Retention in		The Environment and Water-Resource Development,
Rats Following Different Routes of Administra- tion,	Well Cost Analysis,	W74-13221 7-24 5G
W74-12505 7-23 5B	W74-05091 7-10 8B	NATURAL AND HISTORIC RESOURCE
Chronic Toxicity of Nickel to the Fathead Min-	O and M Costs: Pay Now or Pay Later,	ASSOCIATES, PHILADELPHIA, PA.
now,	W74-09533 7-18 4B	Inventory and Evaluation of Information on Delaware Bay, Volume 2.
W74-13485 7-24 5C	NATIONAL WEATHER SERVICE,	W74-01369 7-03 6E
NATIONAL WATER QUALITY LAB., DULUTH,	ANCHORAGE, ALASKA.	NATURAL ENVIRONMENT RESEARCH
MINN.	Sea Ice Conditions in the Cook Inlet, Alaska During the 1971-72 Winter.	COUNCIL, ANGLESEY (WALES). UNIT OF
Thermal Requirements for Maturation, Spawning, and Embryo Survival of the Brook	W74-10428 7-20 2C	MARINE INVERTEBRATE BIOLOGY. Biochemical Effects of Temperature and Nutri-
Trout, Salvelinus fontinalis,	NATIONAL WEATHER SERVICE, CLEMSON,	tive Stress on Mytilus edulis L,
W74-02868 7-06 5C	S.C.	W74-02873 7-06 5C
Effects of Residual Chlorine on Aquatic Life,	Average Weekly Rainfall and Probabilities Dur-	NATURAL ENVIRONMENT RESEARCH
W74-03298 7-07 5C	ing the Planting-Growing-Harvesting Period in South Carolina,	COUNCIL, LONDON (ENGLAND). INST. OF GEOLOGICAL SCIENCES.
Chronic Toxicity of a Copper, Cadmium and	W74-08295 7-16 2B	A New Look at River Capture and At The
Zinc Mixture to the Fathead Minnow	NATIONAL WEATHER SERVICE, COLUMBIA,	Denudation History of the Weald, W74-07324 7-14 2J
(Pimephales promelas Rafinesque), W74-03873 7-08 5C	MO.	
	Rainfall Frequency Atlas for Missouri,	A Computer System for Storage and Retrieval of Hydrogeological Data from Well Records,
Effect of Low Oxygen Concentration on Survival and Emergence of Aquatic Insects,	W74-08174 7-16 7C	W74-07328 7-14 7C
W74-04100 7-08 5C	NATIONAL WEATHER SERVICE, GARDEN	NATURAL RESOURCES DEFENSE COUNCIL,
Temperature Requirements for Embryos and	CITY, N.Y. EASTERN REGION. Cause and Prediction of Beach Erosion,	WASHINGTON, D.C. PROJECT ON CLEAN
Larvae of the Northern Pike, Esox lucius	W74-04945 7-10 2J	WATER. Recycling on the Land: An Alternative for
(Linnaeus), W74-04670 7-09 5C	NATIONAL WEATHER SERVICE, QUINCY,	Water Pollution Control,
	FLA.	W74-03387 7-07 5D
Captain Toxicity to Fathead Minnows (Pimephales Promelas), Bluegills (Lepomis	A Blocked Minimal Tropical Depression	Water Pollution Control HandbookA Citizens
Macrochirus), and Brook Trout (Salvelinus	Becomes a Storm of Rare Occurrence, W74-06357 7-12 2B	Guide to the Federal Water Pollution Control
Fontinalis),		Act Amendments of 1972Volume II, W74-03388 7-07 5G
W74-06085 7-12 5C	NATIONAL WEATHER SERVICE, SILVER	Land Treatment and Environmental Alterna-
A Simplified Flow-Splitting Chamber and	SPRING, MD. National Weather Service River Forecast	tives,
Siphon for Proportional Diluters, W74-06094 7-12 7B	System, Forecast Procedures.	W74-11845 7-22 5D
	W74-05861 7-11 4A	NATURAL RESOURCES MANAGEMENT
Toxicity of Sodium Nitrilotriacetate (NTA) to the Fathead Minnow and an Amphipod in Soft	National Weather Service River Forecast	CORP., BERKELEY, CALIF. Application of ERTS-1 Imagery and Un-
Water,	SystemSnow Accumulation and Ablation Model,	derflight Photography in the Detection and
W74-09432 7-18 5C	W74-06370 7-12 2C	Monitoring of Forest Insect Infestations in the
Continuous-Flow Bioassays with Aquatic Or-	Weather Situations Associated with Floods	Sierra Nevada Mountains of California, W74-01680 7-04 3F
ganisms: Procedures and Applications, W74-11326 7-21 5A	During 1972,	NATURE CONSERVANCY, ABERYSTWYTH
	W74-09392 7-18 2E	(WALES).
Cough Response and Uptake of Mercury by Brook Trout, Salvelinus Fontinalis, Exposed to	Splash (Special Program to List Amplitudes of	Factors Affecting the Distribution of Some
Mercuric Compounds at Different Hydrogen-	Surges From Hurricanes): 1. Landfall Storms,	Phryganeaeid (Trichoptera) in Malham Tarn, Yorkshire.
Ion Concentrations,	W74-11776 7-22 2E	W74-01586 7-03 2I
W74-12507 7-23 5C	NATIONAL WEATHER SERVICE, SILVER	NATURE CONSERVANCY, EDINBURGH
Effect of Polychlorinated Biphenyl Compounds	SPRING, MD. ENGINEERING DIV. Device for Automatic Remote Data Collection	(SCOTLAND).
on Survival and Reproduction of the Fathead Minnow and Flagfish,	(DARDC),	Problems of the Conservation of Freshwater Ecosystems,
W74-13085 7-24 5C	W74-10256 7-19 7A	W74-05057 7-10 SC

NAVAL ACADEMY, ANNAPOLIS, MD.

Time Dependent Shear Stress Beneath a Shoal-

NATURHISTORISKA RIKSMUSEET,

W74-04841

7-09 2J

W74-11976

7-22 5G

W74-04208

Experimental Development of Potable Water Supply for New South Pole Station, W74-13197 7-24 4B

STOCKHOLM (SWEDEN). SECTION FOR	Time Dependent Shear Stress Beneath a Shoal-	Supply for New South Pole Station,
INVERTEBRATE ZOOLOGY. Some Arctic Limnology and the Hibernation of	ing Wave, W74-04213 7-08 2J	W74-13197 7-24 4B
Invertebrates and some Fishes in Sub-Zero		NAVAL COASTAL SYSTEMS LAB, PANAMA
Temperatures, W74-03275 7-07 2H	An Investigation of the Physical Impact of Sewage Outflow on a River-Estuarine Environ- ment,	CITY, FLA. Helicopter Tow Tests of the U.S. Coast
NAUCHNO-ISSLEDOVATELSKII INSTITUT	W74-07477 7-14 5C	Guard's Air Delivery Container for Oil Spill Containment Barrier,
EPIDEMIOLOGII I MIKROBIOLOGII, LVOV (USSR).	Investigation of Some Factors in the Biochemi-	W74-09374 7-18 5G
A Study of Diisopropylguanidine and Diisopro- pylguanidine Hydrochloride to Determine Their	cal Conversion of Hg Pollutants to Toxic Methyl Hg Effected by Microorganisms in a Marine Sediment,	NAVAL MEDICAL RESEARCH INST., BETHESDA, MD.
Hygienic Levels in Water Bodies, (in Russian), W74-10598 7-20 5C	W74-09879 7-19 5B	Effect of Helium Gas at Elevated Pressure on Iron Transport and Grow h of Escherichia coli,
NAUCHNO-ISSLEDOVATELSKII INSTITUT	NAVAL ACADEMY, ANNAPOLIS, MD. DEPT.	W74-04897 7-10 5C
EPIDEMIOLOGII, MIKROBIOLOGII I GIGIENY, VILNIUS (USSR). Effect of the Presence of Detergents in the	OF ENVIRONMENTAL SCIENCES. Suspended Sediment Transport on the Northern Oregon Continental Shelf,	Effects of Alewives (Alosa pseudoharengus) on the Zooplankton of Lake Wononskopomus,
Water on the Appearance of Lindane in the	W74-01956 7-04 2J	Connecticut, W74-07033 7-13 2H
Liver and Fat Tissue of White Rats, (In Rus-	NAVAL ACADEMY, ANNAPOLIS, MD. DIV. OF	NAVAL OCEANOGRAPHIC OFFICE,
sian), W74-13372 7-24 5C	MATHEMATICS AND SCIENCE. Factors Affecting Phytoplankton Production in	WASHINGTON, D.C. Preliminary Results and Comparison of Dye
NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROMETEOROLOGICHESKOGO	a Eutrophic Reservoir, W74-07121 7-14 5C	Tracer Studies Conducted in Harbors, Estua- ries, and Coastal Waters,
PRIBOROSTROENIYA, MOSCOW (USSR). Instruments for Measurement of Currents and	NAVAL AIR DEVELOPMENT CENTER,	W74-03705 7-07 5B
Levels in Natural Reservoirs and Rivers,	WARMINSTER, PA. MATERIALS ENGINEERING SECTION.	NAVAL ORDNANCE LAB., WHITE OAK, MD.
W74-11505 7-22 7B	Chemical Composition of Water Supplies to	Analysis of Explosives in Sea Water and in Ocean Floor Sediment and Fauna.
NAUCHNO-ISSLEDOVATELSKII INSTITUT GIGIENY I PROFZABOLEVANII, UFA (USSR).	Naval and Marine Corps Air Stations, W74-09227 7-17 5A	W74-00285 7-01 5A
Hygienic Efficacy of Sanitary Protection Mea- sures for Surface Waters in the Region of Oil-	NAVAI. BIOMEDICAL RESEARCH LAB., OAKLAND, CALIF.	Thin-Layer Chromatographic Analysis of HMX in Water.
Refining and Oil-Chemical Enterprises, (In Russian),	Fate of Petroleum Hydrocarbons In Beach Sand,	W74-06033 7-12 5A
W74-00241 7-01 5B	W74-02473 7-05 5B	NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
NAUCHNO-ISSLEDOVATELSKII INSTITUT GIGIENY, MOSCOW (USSR).	NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, CALIF.	Seasonal Variations of Coastal Currents Off
Hygienic Evaluation of the Quality of Water Obtained by Means of Electrodialysis Desalting	Feasibility of Modeling Run-up Effects of Dispersive Water Waves,	the Oregon - Northern California Coast, W74-00037 7-01 2L
of Imitation Sea Water, (In Russian),	W74-03106 7-06 8B	Wave-Induced Water Particle Motion Measure-
W74-00478 7-01 3A Salmonella Serotypes in Sewage of Various	Water Waves From Underwater Explosions in Shallow Water, Part I: A Mathematical Model	ments, W74-01285 7-03 2E
Origins,	for Waves in Constant Depth and in Shoaling	Measurement of the Complex Dynamic Rigidity
W74-04850 7-09 5B	Water, W74-03454 7-07 2L	of Recent Marine Sediments, W74-02146 7-04 2L
Experimental Study of the Protective Ability of	Ice EngineeringSummary of Elastic Proper-	
Water-Treatment Plants with Respect to some Substances of Caprolactam Production (In Rus-	ties Research and Introduction to Viscoelastic	Study of Time Variability of Surface Currents at a Point in Monterey Bay,
sian), W74-07771 7-15 5D	and Nonlinear Analysis of Saline Ice, W74-04793 7-09 2C	W74-02692 7-06 2L
Hygienic Standardization of the Permissible	Compressive Strength of 67-Year Old Concrete	The Southern Monterey Bay Littoral Cell: A Preliminary Sediment Budget Study,
Uranium Content in Drinking Water, (in Russian).	Submerged in Seawater, W74-10402 7-20 8F	W74-02695 7-06 2L
W74-11185 7-21 5A	Snow Road Construction Technique by	Sand Budget for Capitola Beach, California, W74-02718 7-06 8B
Hygienic Problems of Automatic Monitoring of Water Quality (Based on Data of the Who	Layered Compaction of Snowblower Processed Snow,	A Study of Water Circulation in Monterey Har-
Seminar: Krakow: 1971), (In Russian),	W74-10403 7-20 8G	bor Using Rhodamine B Dye,
W74-13363 7-24 5A	Analysis of a Dual Mode Desalination System for Naval Bases.	W74-03114 7-06 2L
NAUCHNO-ISSLEDOVATELSKII INSTITUT SELSKOI GIGIENY, (USSR).	Tor Navai Bases, W74-10404 7-20 3A	Long Wave Study of Monterey Bay, W74-03615 7-07 2L
Hygienic Evaluation of Polymers Used in the Membrane Methods of Water Desalination (In	Test and Evaluation of an 80,000 GPD Reverse Osmosis Seawater Desalination Plant Mounted	Surface Characteristics of Windrows,
Russian), W74-13159 7-24 5D	on an Ammi Pontoon, W74-10405 7-20 3A	W74-03618 7-07 2L
NAUCHNO-ISSLEDOVATELSKII		Some Technical and Economic Concerns Relat- ing to Shipboard Pollution Abatement,
RADIOFIZICHESKII INSTITUT, GORKII (USSR).	The Coanda-Effect Oil-Water Separator: A Feasibility Study,	W74-03743 7-07 5D
Propagation of a Finite-Amplitude Surface	W74-11436 7-21 5D	Storms Causing Harbor and Shoreline Damage
Wave With Allowance for Random Irregulari-	Biodegradation of Oil in Sea Water for Naval	Through Wind and Waves Near Monterey,

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.

An Investigation of Bottom Chang terey Harbor (1932-1969), W74-04211	es in Mon-	NAVAL RESEARCH LAB., WASHINGTON, D.C. ELECTROCHEMISTRY BRANCH. Automated Rapid Scan Instrument for Spec-	Hydrocarbon-Oxidizing Bacteria and Their Possible Use as Controlling Agents of Oil Pol- lution in the Ocean,
Fine Structure Measurement of T		troelectrochemistry in the Visible Region, W74-01331 7-03 2K	W74-06075 7-12 5B
and Moisture Over the Monterey Ba		NAVAL RESEARCH LAB., WASHINGTON,	Marine Hydrocarbonoclastic Bacteria: Types and Range of Oil Degradation,
W74-04222		D.C. OCEAN SCIENCES DIV.	W74-08623 7-16 5B
An Oceanographic Investigation of Changes in Monterey Bay, California tember 1971 - January 1972,		Control and Confinement of Oil Pollution on Water with Monomolecular Surface Films, W74-11781 7-22 5G	Project Foggy Cloud V, Panama Canal Warm Fog Dispersal Program,
W74-04223	7-08 2L	NAVAL SHIP RESEARCH AND	W74-12067 7-23 3B
The Effect of Waves on the Profile ral Beach,		DEVELOPMENT CENTER, ANNAPOLIS, MD. Remote Sampler for Determining Residual Oil	NAVEL RESEARCH LAB., WASHINGTON, D.C. Carbon Monoxide in the South Pacific Ocean,
W74-04620	7-09 2J	Contents of Surface Waters, W74-00584 7-02 5G	W74-11904 7-22 2K
Quasi-Weekly and Daily Profile Ch Distinctive Sand Beach.	nanges on a	Investigation of Sorbents for Removing Oil	NAVY HYDROGRAPHIC OFFICE, WASHINGTON, D.C.
W74-04964	7-10 2L	Spills from Waters, W74-02636 7-05 5G	A Study of Diffusion in an Estuary,
Origin and Development of Beac	h Cusps at		W74-04333 7-09 5B
Monterey Bay, California, W74-06313	7-12 2J	NAVAL SHIP RESEARCH AND DEVELOPMENT CENTER, ANNAPOLIS, MD. MATERIALS DEPT.	An Annotated Bibliography of Flushing and Dispersion in Tidal Waters,
The Kinematics of Water Particle V Breaking Waves Within the Surf Zo		Pollution Abatement; Disposability Ratings of Packaging Materials Used Aboard United	W74-04731 7-09 2L NAVY HYDROGRAPHIC OFFICE,
W74-06314	7-12 2J	States Naval Ships, W74-10398 7-20 5G	WASHINGTON, D.C. OCEANOGRAPHIC ANALYSIS DIV.
Shallow Water Experiment Utilizing Model 9006 at a Fixed Point,	ng the STD	NAVAL SHIP RESEARCH AND	Harbor Analog System, Part I - Waves,
W74-06317	7-12 2L	DEVELOPMENT CENTER, BETHESDA, MD.	W74-01200 7-03 2L
Gradient Analysis of Carbon Mo Methane in Polluted and Other		Similarity Laws for Turbulent Flow of Dilute Solutions of Drag-Reducing Polymers,	NAVY WEATHER RESEARCH FACILITY, NORFOLK, VA.
Habitats,		W74-10426 7-20 8B	A Climatology of Cumulus Seeding Potential for the Western United States,
W74-07984	7-15 5A	NAVAL UNDERSEA CENTER, SAN DIEGO, CALIF.	W74-09222 7-17 3B
An Investigation of Secondary Flor Curved Channels of Square Cross S		Simultaneous Determination of Manganese, Copper, Arsenic, Cadmium, Antimony and	Results Generated from a One-Dimensional Warm Fog Model Which Simulates Hygroscop-
W74-09193	7-17 8B	Mercury in Glacial Ice by Radioactivation, W74-01361 7-03 5A	ic Seeding,
The Kinematics of Water Particle Waves Within the Surf Zone,	of Breaking	California Undersea Aqueduct Reconnais-	W74-09322 7-18 3B
W74-10409	7-20 2E	sance: The Oceanography (CUARO),	Reaction of Hygroscopic Particles to a Warm Fog.
Laboratory Investigation of Electrition of Warm Fog.	ical Dissipa-		W74-10253 7-19 3B
W74-10623	7-20 3B	Neutron Irradiation of Mercury in Polyethylene Containers, W74-05476 7-11 5A	Cloud-Particle Samples and Water Contents from a 1969 Stormfury Cloudline Cumulus,
Experiments Supporting a Program			W74-10254 7-19 3B
Fog Dispersal by Electrical Charge W74-13216	7-24 3B	NAVAL UNDERSEA CENTER, SAN DIEGO, CALIF. CHEMICAL OCEANOGRAPHY BRANCH.	Engineering Fog-Modification Experiments by Computer Modelling,
NAVAL RESEARCH LAB., CHESAP	EAKE	Anodic Stripping Voltammetry of Zinc in Sea-	W74-10255 7-19 3B
BEACH, MD. Culture of a Planktonic Calano	id Copepod	water with a Tubular Mercury-Graphite Elec- trode.	Warm Fog Dispersal Techniques,
Through Multiple Generations, W74-08744	7-17 21	W74-05305 7-10 5A	W74-11200 7-21 3B
NAVAL RESEARCH LAB., WASHIN		NAVAL UNDERSEA CENTER, SAN DIEGO, CALIF. DEPT. OF FLEET ENGINEERING.	A Summary of the U.S. Navy Program and FY 1970 Progress in Weather Modification and Control.
D.C. Nonlinear Development of the Ray	leigh-Taylor	Harbor Pollution from Large Ships, W74-08006 7-15 5B	W74-11203 7-21 3B
Instability in the 'Shallow-Water'	Approxima-	NAVAL UNDERWATER SYSTEMS CENTER,	NEBRASKA LIVESTOCK FEEDERS
tion, W74-05034	7-10 2L	NEW LONDON, CONN. NEW LONDON LAB. Effects of Underwater Demolition on the En-	ASSOCIATION, FAIRMONT. ENVIRONMENTAL MANAGEMENT
Trace Metal Water Pollutants De X-ray fluorescence.	termined by	vironment in a Small Tropical Marine Cove, W74-00233 7-01 5C	COMMITTEE. Problems of Animal Waste Management from
W74-06079	7-12 5A	NAVAL UNDERWATER SYSTEMS CENTER,	the Livestock Feeder Viewpoint, W74-00134 7-01 5G
Remating in a Planktonic Maris	ne Calanoid	NEWPORT, R.I.	W74-00134 7-01 5G NEBRASKA PUBLIC POWER DISTRICT,
Copepod, W74-08735	7-17 21	Spatial and Temporal Distribution of Suspended Sediment in Narragansett Bay and	COLUMBUS.
Carbon-Monoxide-Induced Particle	s from Hop-	Rhode Island Sound, W74-07232 7-14 2L	A Fossil Plant Environmental Impact Study, W74-08874 7-17 5C
calite Catalyst, W74-10998	7-21 5B	NAVAL WEAPONS CENTER, CHINA LAKE,	NEBRASKA STATE DEPT. OF
The Determination of Oil Slick T Means of Multifrequency Passive	hickness by	CALIF. RESEARCH DEPT. Hydrocarbon-Oxidizing Bacteria and Their Possible Use as Controlling Agents of Oil Pol-	ENVIRONMENTAL CONTROL, LINCOLN. SOLID WASTE DIV. The Effect of Ration on Engineering Properties
Techniques,		lution in the Ocean,	of Beef Cattle Manure,
W74-12644	7-23 5A	W74-02618 7-05 5G	W74-00420 7-01 5B

Evaluation of ERTS-1 Imagery in Mapping and

Managing Soil and Range Resources in the

NEBRASKA UNIV., LINCOLN. DEPT. OF

AGRONOMY.

NEBRASKA UNIV., CONCORD. NORTHEAST

Response of Subirrigated Hay Meadows to the

Application of Nitrogen, Phosphorus, and Sul-

STATION.

NEVADA UNIV., RENO. DEPT. OF BIOLOGY.

An Operational Mathematical Programming

Model for the Planning of Economic Activities

NETHERLANDS SCHOOL OF ECONOMICS,

ROTTERDAM. ECONOMIC RESEARCH INST.

Application of Nitrogen, Phospho	rus, and Sul-	Sand Hills Region of Nebraska,	ources in the	Model for the Planning of Econor in Relation to the Environment,	nic Activities
fur, W74-08802	7-17 3F	W74-01674	7-04 4A	W74-05616	7-11 6B
NEBRASKA UNIV., LINCOLN. Education, Action and Regulatory Animal Waste Management,	Problems of	A Study of Factors Influencing and Phosphorus Contents of Nebr W74-02151		NETHERLANDS UNIVERSITIES FOR INTERNATIONAL CO-OPERA HAGUE.	
W74-00133	7-01 5G	NEBRASKA UNIV., LINCOLN. DEI	PT. OF	Water Management, W74-05000	7-10 4A
Reuse Irrigation Cuts Costs,		ANIMAL SCIENCE. Waste Management and Animal Pe	erformance		
W74-03194	7-06 5D	W74-00132	7-01 5G	The Zuiderzee Works Within the Physical Planning,	he Frame of
Use of Caissons for Sampling (NEBRASKA UNIV., LINCOLN. DEI	PT. OF CIVIL	W74-05001	7-10 4A
Biological Conditions Beneath a B W74-10138	7-19 5A	ENGINEERING. Biological Treatment of Feedlot R	tunoff,	Agricultural Aspects, W74-05002	7-10 4A
NEBRASKA UNIV., LINCOLN.		W74-06847	7-13 5D		7-10 4A
AGRICULTURAL EXPERIMENT S Regional Livestock Waste Man		Aerobic Treatment of Feedlot Rui W74-11281	noff, 7-21 5D	Recreation in the Open Air, W74-05003	7-10 6B
gram, W74-00127	7-01 5G	NEBRASKA UNIV., LINCOLN. DE	PT. OF	NEUCHATEL UNIV. (SWITZERLA	ND).
		COMPUTER SCIENCE.		CENTRE DE HYDROGEOLOGIE.	naulation in a
Concluding Comments, W74-00144	7-01 5G	The Application of Binary Tree	Structures to	Study of the Speed of Water Ci Water-Bearing Limestone Depos	
		Hydrologic Network Simulators, W74-04852	7-10 4A	Tests (La Serriere River Basin/NI	Ξ),
Further Evidence for the Inability				W74-01563	7-03 2F
dahl Total Nitrogen Method to F Indigenous Fixed Ammonium Nit		NEBRASKA UNIV., LINCOLN. DE SCIENCE AND TECHNOLOGY.	PI. OF FOOD	Salt, a Little-Known Aggressor in	Our Environ-
soils,		Condition of Coliform Organism		ment, (In French),	7.05 FD
W74-08819	7-17 2G	Recovery of Subcultures on Selec		W74-02199	7-05 5B
NEBRASKA UNIV., LINCOLN. CO	LL. OF	W74-00621	7-02 5B	NEUCHATEL UNIV. (SWITZERLA	ND).
ENGINEERING AND ARCHITECT	URE.	NEBRASKA UNIV., LINCOLN. WA	TER	CENTRE DE YDROGEOLOGIE.	Chamistan of
Movement of Nitrates Under Irri	gated Agricul-	RESOURCES RESEARCH INST. The Role of Water in the Energy	Crisis	Prediction of the Variation in the a Lake Resulting from an Increa	
ture, W74-04139	7-08 5B	W74-07961	7-15 6D	Deposits: Application: The Sod Neuchatel,	
Movement of Nitrates Under Irri	gated Agricul-	NEBRASKA UNIV., MITCHELL. S BLUFF EXPERIMENT STATION.	COTTS	W74-01562	7-03 2H
ture, W74-05666	7-11 5B	Hydrodynamics of Border Irrigat		NEVADA OPERATIONS OFFICE (AEC), LAS
Design Criteria for Irrigation	Customs with	W74-06592	7-13 3F	VEGAS. Reports Available in Plowshare O	nen File
Complex Pipe Loops,	systems with	NEBRASKA UNIV., NORTH PLAT		W74-11671	7-22 5B
W74-06585	7-13 3F	OF AGRICULTURAL ENGINEERI Pasture Irrigation with a Center-I		NEVADA UNIV., DESERT RESEAU	RCH INST.,
NEBRASKA UNIV., LINCOLN. DE		System, W74-06601	7-13 3F	RENO.	Site 2 Corre
AGRICULTURAL CLIMATOLOGY Reflectant Induced Modification		W 74-00001	7-13 3F	Soluble Particulates in Ice From land.	Site 2, Green-
Canopy Radiation Balance: 1		Agricultural Water Supply,	216 CD	W74-00334	7-01 2C
Tests With a Kaolinite Reflectant		W74-07969	7-15 6D	NEVADA UNIV., LAS VEGAS. DES	ERT
W74-10668	7-20 2D	NEBRASKA UNIV., OMAHA. Waste Management and Animal I	Performance in	RESEARCH INST. Use of Hydrochemistry for	
NEBRASKA UNIV., LINCOLN. DE AGRICULTURAL ECONOMICS.	PI. OF	Beef Feedlots,		Ground-Water Flow Systems	
Environmental Aspects of Energ	y-Water Rela-	W74-10141	7-19 5D	Nevada, W74-08453	
tionships, W74-07965	7-15 6D	NEGEV INST. FOR ARID ZONE R		W /4-08433	7-16 2F
W 14-01303	7-13 GD	BEERSHEBA (ISRAEL). DEPT. OF INTRODUCTION AND ECOLOGY		NEVADA UNIV., RENO.	
NEBRASKA UNIV., LINCOLN. DE		Factors of Chemical Fertilizat		Phytoplankton Successions and ics in Las Vegas Bay, Lake Mead	
AGRICULTURAL ENGINEERING. Application, Utilization and		Water Irrigation: A Review, W74-00757	7-02 3C	W74-07001	7-13 5C
Livestock Waste, W74-00129	7-01 5G	NETHERLANDS INST. OF OCEAN	NOGRAPHY,	NEVADA UNIV., RENO. CENTER	FOR WATER
Application, Utilization and	Disposal of	TEXEL. Sediment Distribution in the Nor	th Sea in Rela-	RESOURCES RESEARCH. Reconnaissance Analysis of Effe	ects of Waste
Livestock Wastes, W74-00136	7-01 5G	tion to Marine Pollution, W74-03033		Water Discharge on the Shallow Flow System, Lower Las V	
	7-01 30		7-06 5B	Nevada,	
Other Research Needs, W74-00140	7-01 5G	NETHERLANDS SCHOOL OF ECO ROTTERDAM.	ONOMICS,	W74-00748	7-02 5B
		Some Models for the Economic	Evaluation of	Hydrologic Data Storage and Ret	
Animal Waste Utilization for Po- ment Technology and Economics		the Environment,	7-08 5G	W74-09401	7-18 7C
W74-08231	7-16 5D	W74-04083		NEVADA UNIV., RENO. DEPT. OF	
Concepts of Conservation Til	lage Systems	Economic and Social Projects mental Repercussions: A Shado		Reproductive Characteristics of Lakesucker (Chasmistes cujus	
Using Surface Mulches,		proach,		Spawning Behavior in Pyramid L	ake, Nevada,
W74-08277	7-16 3F	W74-04085	7-08 6B	W74-05999	7-12 2H

EVADA UNIV., RENO. DEPT. OF CHEMICAL ND METALLURGICAL ENGINEERING.	DEPT. OF CHEMISTRY.	Water,
A Study of the Eutrophication of the Surface	The Photochemistry of Carbamates. 1. The	W74-03767 7-08 5A
Waters of Pyramid Lake,	Photodecomposition of Zectran: 4-	NEW HAMPSHIRE UNIV., DURHAM. DEPT.
W74-08938 7-17 5C	Dimethylamino-3,5-XYLYL-N-Methyl Carba- mate,	OF EARTH SCIENCES.
EVADA UNIV., RENO. DESERT RESEARCH	W74-07552 7-14 5B	An Inexpensive Titration Method for the Deter- mination of Organic Carbon in Recent Sedi-
Seismic-Refraction and Earth-Resistivity In-	NEW BRUNSWICK UNIV., FREDERICTON. DEPT. OF CIVIL ENGINEERING.	ments, W74-06284 7-12 5A
vestigation of Hydrogeologic Problems in the Humboldt River Basin, Nevada,	Computer Utilization of Hydrological Data for	W74-06284 7-12 5A
W74-03155 7-06 2F	North Nashwaaksis Representative Basin,	NEW HAMPSHIRE UNIV., DURHAM. DEPT.
User Attitudes Toward Water Quality and	W74-01294 7-03 7C	OF EARTH SCIENCES; AND NEW HAMPSHIRE UNIV., DURHAM. JACKSON
Price, Las Vegas Valley and Reno-Sparks,	NEW ENGLAND AQUARIUM, BOSTON, MASS.	ESTUARINE LAB.
Nevada, W74-03331 7-07 5G	Improved Apparatus for Determination of Mer-	The Effect of Boat Waves on the Sedimentary
	cury by Flameless Atomic Absorption, W74-00276 7-01 5A	Processes of a New England Tidal Flat, W74-11973 7-22 2J
Electric Cloud and Weather Modification with		
Intense Relativistic Electron Beams, W74-04604 7-09 3B	NEW ENGLAND AQUARIUM, BOSTON, MASS. RESEARCH DEPT.	NEW HAMPSHIRE UNIV., DURHAM. DEPT. OF ELECTRICAL ENGINEERING.
	Determination of Chromium in Sea Water by	Computer Analysis of Oblique Acoustic Reflec-
Analysis of Iodine in Antarctic Snow, W74-06929 7-13 5B	Atomic Absorption Spectrometry,	tion for Ocean Sediment Identification,
	W74-04516 7-09 5A	W74-05697 7-11 2J
Silver Concentrations in Antarctic Snow and Firn,	NEW ENGLAND DIV. CORPS OF ENGINEERS,	NEW HAMPSHIRE UNIV., DURHAM. DEPT.
W74-06930 7-13 5A	WALTHAM, MASS.	OF MECHANICAL ENGINEERING.
Distillation-Condensation of Water and	Operation and Maintenance of New Bedford Hurricane Barrier (Final Environmental State-	A New Shear Wave Velocity Measurement Technique in Ocean Bottom Soil Samples,
Distillation-Condensation of Water and Nutrient Movement in a Desert Ecosystem,	ment).	W74-05918 7-11 2J
W74-07110 7-14 2I	W74-08520 7-16 8D	•
Determination on Nevada's Attitude Toward	NEW ENGLAND RIVER BASINS	Computer Analysis for Acoustic Sensing of Multilayer Sediments,
Water Resources Research,	COMMISSION, BOSTON, MASS.	W74-10637 7-20 2J
W74-12371 7-23 6B	New England River Basins Commission 1973 Annual Report.	NEW HAMBOUIDE UNIV. DUDUAM
Development and Management of Groundwater	W74-10512 7-20 6E	NEW HAMPSHIRE UNIV., DURHAM. ENGINEERING DESIGN AND ANALYSIS LAB.
in Relation to Preservation of Desert Pupfish in	NEW HAMBOURD DAILY BURNAM	Development of a Computer Program to Simu-
Ash Meadows, Southern Nevada, W74-12752 7-24 4B	NEW HAMPSHIRE UNIV., DURHAM. Formation of Clay-Protein Complexes,	late Wind Wave Generation, Refraction, and
	W74-10245 7-19 2G	Shoaling in the Gulf of Maine, W74-05695 7-11 2L
EVADA UNIV., RENO. DESERT RESEARCH	X-Ray Diffraction, Electron Microscopy, Elec-	
NST.; AND NEVADA UNIV., RENO. CENTER OR WATER RESOURCES RESEARCH.	trophoretic Mobility, and pH of some Stable	NEW HAMPSHIRE UNIV., DURHAM. INST. OF NATURAL AND ENVIRONMENTAL
Arid Urban Water Management: Some	Smectite-Protein Complexes,	RESOURCES.
Economic, Institutional and Physical Aspects,	W74-10641 7-20 2G	The Measurement of the Heat of Reaction
W74-01662 7-04 6B	Adsorption of Phosphorus by Lake Sediment,	Between Proteins and Clay Minerals by Micro- calorimetry,
EVADA UNIV., RENO. LAB. OF	W74-10642 7-20 5C	W74-02669 7-06 2G
TMOSPHERIC PHYSICS. Project Skywater.	NEW HAMPSHIRE UNIV., DURHAM. DEPT.	Advanting Studies of Solid Solution Votes
W74-11778 7-22 3B	OF BIOCHEMISTRY.	Adsorption Studies at Solid-Solution Interfaces,
NEVADA UNIV., RENO. REMOTE SENSING	Sulfur and the Toxicity of the Red Alga Ceramium rubrum to Bacillus subtilis,	W74-08240 7-16 5B
AB.	W74-02959 7-06 5C	Effect of Exchange Cations on Adsorption of
ERTS-1 Evaluation of Natural Resources	NEW HAMPSHIRE UNIV., DURHAM. DEPT.	Lysozyme and Ovalbumin by Smectite,
Management Applications in the Great Basin, W74-01673 7-04 4A	OF BOTANY.	W74-08241 7-16 5B
	Xylem Water Potentials and Stomatal Re-	Effect of Salt Content of Equilibrium-Solution
(EVALAINEN AND ORIVUORI, HELSINKI FINLAND).	sistance in Bog Plants: Ecological Implications, W74-00719 7-02 2I	on Formation and Stability of Smectite-Protein
Mechanical Treatment of Pulp and Paper Mill		Complexes, W74-08242 7-16 5B
Effluent,	Probable Causes for the 1972 Red Tide in the Cape Ann Region of the Gulf of Maine,	W /4-08242 /-16 3B
W74-12418 7-23 5D	W74-01435 7-03 5C	Adsorption of Lysozyme and Ovalbumin by
NEW BRUNSWICK LAB. (AEC), N.J.	Phytoplankton Populations in Relation to Dif-	Mineral Type,
Titrimetric Determination of Uranium with Electrogenerated Vanadium(V),	ferent Trophic Levels at Winnipesaukee Lake,	W74-10246 7-19 2G
W74-03564 7-07 2K	New Hampshire, U.S.A.,	NEW HAMPSHIRE UNIV., DURHAM. WATER
Annual Descript Parant for the Deriod July	W74-06529 7-13 5C	RESEARCH CENTER.
Annual Progress Report for the Period July 1971-June 1972-New Brunswick Laboratory.	NEW HAMPSHIRE UNIV., DURHAM. DEPT.	Detailed Analysis of Short-Term Variations in
W74-09830 7-19 5A	OF CHEMICAL ENGINEERING.	Beach Morphology (And Concurrent Dynamic Processes) for Summer and Winter Periods,
NEW BRUNSWICK UNIV., FREDERICTON.	Approximate Solution to the Freezing of the Ice-Water System with Constant Heat Flux in	1971-1972, Plum Island, Massachusetts,
Evaluation of Soil Moisture Regime in a	the Water Phase,	W74-02649 7-05 2E
Watershed, W74-02355 7-05 2G	W74-09903 7-19 2C	NEW HAMPSHIRE UNIV., DURHAM. WATER
	NEW HAMPSHIRE UNIV., DURHAM. DEPT.	RESOURCE RESEARCH CENTER.
Resistance to Flow in Ice Covered RiversA	OF CHEMISTRY.	The Use of Magnetic Iron Oxide for Recovery
Simulation Study with Artificial Roughness, W74-12092 7-23 8B	A Feasibility Study of a Research Program on the Source, Degradative Removal and Seconda-	of Virus From Water, W74-10905 7-21 5D

NEW MEXICO UNIV., ALBUQUERQUE. DEPT. OF ECONOMICS.

Feasibility Study to Develop Guidelines for Lake and Related Land Resource Use Develop-	NEW MEXICO INST. OF MINING AND TECHNOLOGY, SOCORRO. DEPT. OF	Soil Associations and Land Classification for Irrigation, Taos County,
ment Research, or Economic and Ecological	GEOSCIENCE.	W74-09054 7-17 3F
Impact of Various Forms of Lake Resource	A Conjunctive use Surface Water-Ground	Suitability of New Mexico Lands for Irrigation.
Development, W74-12350 7-23 2H	Water Simulator, W74-02452 7-05 2F	W74-09055 7-17 3F
Tree Water Stress in Relation to Water Yield In	NEW MEXICO INST. OF MINING AND	Soil Associations and Land Classification For
a Hardwood Forest, W74-12362 7-23 2D	TECHNOLOGY, SOCORRO. DEPT. OF GROUND-WATER HYDROLOGY.	Irrigation, McKinley County, W74-09056 7-17 3F
	Numerical Solution of Multiphase Well Flow,	
NEW HAMPSHIRE UNIV., DURHAM. WATER RESOURCES RESEARCH CENTER.	W74-01275 7-03 8B	Soil Associations and Land Classification for Irrigation, Valencia County,
Verification of Groundwater Capital Costs, W74-03338 7-07 4B	NEW MEXICO INST. OF MINING AND TECHNOLOGY, SOCORRO. DEPT. OF	W74-09057 7-17 3F
	HISTORY.	NEW MEXICO STATE UNIV., UNIVERSITY
Determining a Recreational Lake's Tolerance for Development and Usage,	The Quest for Water in New Mexico,	PARK. DEPT. OF HORTICULTURE. A Study of Water Used on Urban Landscapes,
W74-07836 7-15 5A	W74-00006 7-01 6E	W74-02459 7-05 6B
The Measurement of the Heat of Reaction	NEW MEXICO STATE UNIV., LAS CRUCES.	NEW MEXICO UNIV., ALBUQUERQUE.
Between Proteins and Montmorillonite by	DEPT. OF AGRICULTURAL ECONOMICS. An Analytical Interdisciplinary Evaluation of	Economic Aspects of Ground Water Resources
Microcalorimetry, W74-08243 7-16 5B	the Utilization of the Water Resources of the	and Replacement Flows in Semiarid Agricul-
	Rio Grande in New Mexico: Lower Rio Grande Region.	tural Areas, W74-04563 7-09 4B
NEW HAMPSHIRE WATER RESOURCES BOARD, CONCORD.	W74-07609 7-15 6B	
Reservoir Aeration Improves Water Quality,	NEW MEXICO STATE UNIV., LAS CRUCES.	NEW MEXICO UNIV., ALBUQUERQUE.
W74-05063 7-10 5F	DEPT. OF AGRONOMY.	BUREAU OF BUSINESS RESEARCH. Population Projectsions for the New Mexico
NEW HAMPSHIRE WATER SUPPLY AND	Calcium Carbonate Equilibria in Soils and in Ir-	State Water Plan,
POLLUTION CONTROL COMMISSION, CONCORD.	rigation Waters, W74-12862 7-24 2G	W74-02458 7-05 6B
Control of Algae by Mixing,	W /4-12802 /-24 20	NEW MEXICO UNIV., ALBUQUERQUE. DEPT.
W74-05064 7-10 5G	NEW MEXICO STATE UNIV., LAS CRUCES.	OF BIOLOGY.
Mt. Sunapee State Park, New Hampshire Spray	WATER RESOURCES RESEARCH INST. Pollution Control,	Hydrologic Nutrient Cycle Interactions in Undisturbed and Manipulated Ecosystems
Irrigation Project,	W74-07970 7-15 6D	(Watersheds),
W74-12893 7-24 5D	Water Resource Problems and Research Needs	W74-01110 7-03 4C
NEW JERSEY COUNTY AND MUNICIPAL	of New Mexico,	A Study of Mercurials in the Elephant Butte
GOVERNMENT STUDY COMMISSION, TRENTON.	W74-12864 7-24 6B	Reservoir Ecosystem,
Water Quality Management: New Jersey's	NEW MEXICO STATE UNIV., UNIVERSITY	W74-03899 7-08 5C
Vanishing Options. W74-02841 7-06 5G	PARK.	An Analysis of Mercurials in the Elephant
	Transmitting Water Resources Information By a Time-Share System,	Butte Ecosystem, W74-04859 7-10 5B
NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION, TRENTON. DIV. OF	W74-00194 7-01 10A	
ENVIRONMENTAL QUALITY.	NEW MEXICO STATE UNIV., UNIVERSITY	Altitudinal Variation of Chlorophyll Concentra- tion and Reflectance of the Bark of Populus
Environmental Radiation Surveillance of the	PARK. DEPT. OF AGRICULTURAL	tremuloides,
Oyster Creek Nuclear Generating Station. W74-05430 7-11 5A	ECONOMICS. An Analytical Interdisciplinary Evaluation of	W74-04977 7-10 2I
	the Utilization of the Water Resources of the	The Relationship of Soil Temperature and
NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES, SOCORRO.	Rio Grande in New Mexico: Upper Rio	Cytokinin Production in Aspen Invasion,
Initial Evaluation of the Geologic Applications	Grande, W74-02660 7-06 6B	W74-04978 7-10 2I
of ERTS-1 Imagery for New Mexico, W74-06693 7-13 4A		Some Aspects of the Role of Usnic Acid in
	An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the	Forest Ecology, W74-04979 7-10 5B
Geothermal Prospects in New Mexico, W74-08975 7-17 2F	Rio Grande in New Mexico: Middle Rio	
NEW MEXICO INST. OF MINING AND	Grande Region, W74-05408 7-11 6B	Analysis of Nutrient Supplies for Algae in Elephant Butte Reservoir,
TECHNOLOGY, SOCORRO. DEPT. OF		W74-12861 7-24 5C
BIOCHEMISTRY.	An Analytical Interdisciplinary Evaluation of the Utilization of the Water Resources of the	NEW MEXICO UNIV., ALBUQUERQUE. DEPT.
Uptake of Mercury by Fish in Natural and Ar- tificial Systems,	Rio Grande in New Mexico: Socorro Region,	OF CHEMICAL AND NUCLEAR
W74-02460 7-05 5B	W74-06103 7-12 6B	ENGINEERING. Deep Self-Burial of Radioactive Wastes by
NEW MEXICO INST. OF MINING AND	NEW MEXICO STATE UNIV., UNIVERSITY	Rock-Melting Capsules,
TECHNOLOGY, SOCORRO. DEPT. OF	PARK. DEPT. OF AGRICULTURE	W74-11664 7-22 5E
CHEMISTRY. Chemical and Biological Character of Rio	ENGINEERING. Brush Eradicating, Basin Pitting, and Seeding	NEW MEXICO UNIV., ALBUQUERQUE. DEPT.
Grande Water in the Bosque Del Apache Wil-	Machine for Arid to Semiarid Rangeland,	OF ECONOMICS.
dlife Refuge, W74-00007 7-01 4A	W74-01637 7-03 4A	Economic Policy for Water Resources and Placement Flows,
	NEW MEXICO STATE UNIV., UNIVERSITY	W74-03191 7-06 4B
Mercury: Uptake by the Goldfish, Carassius auratus, from Low Concentrations in Water	PARK. DEPT. OF AGRONOMY. A Multichannel Syringe Pump for Steady State	Agricultural Demand for Water in the Pecos
and Its Tissue Distribution,	Flow in Soil Columns,	River Basin: An Addendum,
W74-03898 7-08 5C	W74-07028 7-13 2G	W74-08756 7-17 3F

NEW MEXICO UNIV., ALBUQUERQUE. DEPT. OF	ORGANIZATIONAL INDEX ECONOMICS.	
Environmental Quality, Income Distribution,	Application of the Finite Element Method to	NEW YORK STATE COLL. OF
and Factor Mobility: The Consequences of Local Action,	Convection Heat Transfer Between Parallel Planes,	AGRICULTURAL AND LIFE SCIENCES, ITHACA.
W74-09070 7-17 6B Analysis of Water Characteristics of Manufac-	W74-04765 7-09 8B Sampling Errors in Flood Damage Estimates,	Distributional Impacts of Environmental Quali- ty Management: The Case of Federal Grants for Water Pollution Control,
turing Industries and Their Adaptability to Semi-Arid Regions,	W74-11690 7-22 6F	W74-03894 7-08 5D
W74-12863 7-24 3E	NEW SOUTH WALES UNIV., KENSINGTON	NEW YORK STATE COLL. OF AGRICULTURAL AND LIFE SCIENCES,
NEW MEXICO UNIV., ALBUQUERQUE. ERIC H. WANG CIVIL ENGINEERING RESEARCH FACILITY.	(AUSTRALIA). DEPT. OF CIVIL ENGINEERING. Flow of Water Through Porous Media at Low	ITHACA. DEPT. OF AGRICULTURAL ECONOMICS.
Predicting Reaeration Coefficients for Polluted Estuary,	Shear Rates, W74-12830 7-24 2F	A Challenge to the Academic Community: Economics and Institutions in the Report of the National Water Commission.
W74-08307 7-16 5B	NEW SOUTH WALES UNIV., KENSINGTON	W74-03184 7-06 6B
Disposal of Aircraft Washrack Waste Water, W74-09376 7-18 5D	(AUSTRALIA). DEPT. OF FOOD TECHNOLOGY.	Economic Aspects of a Nuclear Desalination Agro-Industrial Project in the United Arab
Treatment of Electroplating Wastes by Ion Exchange,	Rapid Methods for the Determination of Faecal Contamination in Oysters,	Republic, W74-05382 7-10 3A
W74-09377 7-18 5D	W74-13238 7-24 5A	NEW YORK STATE COLL. OF AGRICULTURE
NEW MEXICO UNIV., ALBUQUERQUE. SCHOOL OF LAW.	NEW SOUTH WALES UNIV., KENSINGTON (AUSTRALIA). SCHOOL OF CIVIL	AND LIFE SCIENCES, ITHACA. DEPT. OF AGRONOMY.
International Water Quality Law, W74-01869 7-04 5G	ENGINEERING. Optimum Reservoir Operating Policies and the	Losses of Inorganic Nitrogen From Aquatic Systems,
NEW SOUTH WALES DEPT. OF	Imposition of a Reliability Constraint, W74-05934 7-11 4A	W74-07426 7-14 5B NEW YORK STATE DEPT. OF
AGRICULTURE, LEETON (AUSTRALIA). AGRICULTURAL RESEARCH STATION.	NEW SOUTH WALES UNIV., KENSINGTON	ENVIRONMENTAL CONSERVATION, ALABANY. ENVIRONMENTAL QUALITY
Water-Yield Relations for Nonforage Crops, W74-05665 7-11 3F	(AUSTRALIA). SCHOOL OF GEOGRAPHY. Slope Aspect and Tunnel Erosion in the Loess	RESEARCH AND DEVELOPMENT UNIT. Pressure Sewers,
NEW SOUTH WALES DEPT. OF AGRICULTURE, RYDALMERE (AUSTRALIA).	of Banks Peninsula, New Zealand, W74-02288 7-05 2J	W74-07259 7-14 5D NEW YORK STATE DEPT. OF
BIOLOGICAL AND CHEMICAL RESEARCH INST.	NEW SOUTH WALES UNIV., MANLY VALE	ENVIRONMENTAL CONSERVATION, ALBANY.
Prevention of Selenium Interference with Mea- surement of Phosphate as its Molybdenum (V- VI) Complex,	(AUSTRALIA). Free Surface Slopes at Controls in Channel	Removal of Ammonia Nitrogen by Breakpoint Chlorination Using an Activated Carbon
W74-01345 7-03 5A	Flow, W74-11888 7-22 8B	Catalyst, W74-00810 7-02 5D
NEW SOUTH WALES DEPT. OF AGRICULTURE, SYDNEY (AUSTRALIA).	NEW YORK CITY CORPORATION COUNSEL.	A Guide to Chemical and Clarifier Selection for
Rural and Urban Flood Insurance: A Review, W74-11688 7-22 6F	Enforcing Environmental Law in the City, W74-12471 7-23 6E	Waste Water Treatment, W74-00811 7-02 5D
NEW SOUTH WALES DEPT. OF	NEW YORK CITY ENVIRONMENTAL	Active Projects, Pure Waters Research. W74-02851 7-06 5D
AGRICULTURE, WOLLONGHAR (AUSTRALIA). AGRICULTURAL RESEARCH	PROTECTION ADMINISTRATION. DEPT. OF WATER RESOURCES.	Activated Carbon Adsorption and Polishing of
CENTER. An Opportunity Cost Function for Newcastle's	Problems on Pollution and Water Resources in the New York City Metropolitan Area,	Strong Wastewater, W74-06411 7-12 5D
Water, W74-11689 7-22 6C	W74-10942 7-21 5D	Land Disposal of WastewaterLiterature
NEW SOUTH WALES DEPT. OF MINES, SYDNEY (AUSTRALIA). CHEMICAL LAB.	Waste Water Monitoring Program by the City of New York.	Review for 1973, W74-07327 7-14 5D
Occurrence of Silica in the Natural Waters of the Huntley-Robertson District, Southern New	W74-10962 7-21 5D	Pressure Sewer Demonstration,
South Wales, W74-02555 7-05 2K	NEW YORK INST. OF OCEAN RESOURCES,	W74-10463 7-20 5D The Pressure Sewer: A New Alternative to the
NEW SOUTH WALES INST. OF TECH.,	N.Y. A Model of Salt Intrusion in a Partially Mixed	Gravity Sewer, W74-10946 7-21 5D
SYDNEY (AUSTRALIA). The Economics of Data Collection Systems,	Estuary, W74-04204 7-08 5B	Effect of Blackfly Larviciding in Some Adiron-
W74-11693 7-22 6C	NEW YORK OCEAN SCIENCE LAB.,	dack Streams, W74-11489 7-22 5C
NEW SOUTH WALES UNIV., BROKEN HILL (AUSTRALIA).	MONTAUK. Mercury in Striped Bass and Bluefish,	Effect of Rate and Duration of Feeding DDT
Improved Drilling Rates at Lower Costs, W74-07901 7-15 8C	W74-11488 7-22 5A	on the Reproduction of Salmonid Fishes Reared and Held Under Controlled Conditions,
NEW SOUTH WALES UNIV., KENSINGTON	NEW YORK OPERATIONS OFFICE (AEC), N.Y. HEALTH AND SAFETY LAB.	W74-11933 7-22 5C
(AUSTRALIA). A Preliminary Investigation of the Recent Sediments Off the East Coast of Australia,	Tritium Intake in New York, W74-02023 7-04 5B	Active Projects, Pure Waters Research. W74-12234 7-23 10C
W74-02714 7-06 2J	Comparison of Measured and Calculated	Phosphate Removal by Sands and Soils, W74-12235 7-23 5E
A Design Procedure for the Conjunctive Use of Surface and Groundwater Storages,	Radiation Exposure from a Boiling Water Reactor Plume,	Legal Problems in Water Pollution Control,
W74-04598 7-09 4B	W74-04175 7-08 5B	W74-12239 7-23 6E

			HEWARK COLL OF ENGINEERING, NEWARK.
Nitrogen Removal and Phosphorus I	Precipita-	A Continuous Culture Study of Phosphate Up-	NEW YORK UNIV. MEDICAL CENTER, N.Y.
tion in a Compartmentalized Aeration		take, Growth Rate and Polyphosphate in	INST. OF REHABILITATION MEDICINE.
W74-12243	7-23 5D	Scenedesmus Sp., W74-07549 7-14 5C	Zinc and Cadmium in Normal Human Embryos and Fetuses, Analyses by Atomic Absorption
Survey of Methods of Treating Wine a	nd Grape	Phosphorus Contest and Bata of Crowth in the	Spectrophotometry,
Wastewaters, W74-12676	7-23 5D	Phosphorus Content and Rate of Growth in the Diatoms Cyclotella Nana and Thalassiosira Flu-	W74-09785 7-18 5C NEW YORK UNIV., N.Y.
Wastewater Treatment: Land Disp	posal of	viatilis, W74-08719 7-17 5C	High Reynolds Numbers Unsteady Convective Mass Transfer from Fluid Spheres,
	7-24 5D	Nutrients and Aquatic Vegetation Effects, W74-09498 7-18 5C	W74-02891 7-06 2B
New Legal Approaches to Environme	ntal Con-	Control Constitution of Physics	The Pollution Content of American Trade, W74-03490 7-07 5G
trol,	7.24 50	Cytochemical Examination of Blue-Green Algae.	W /4-03490
W74-13271	7-24 5G	W74-12568 7-23 5C	NEW YORK UNIV., N.Y. COURANT INST. OF
NEW YORK STATE DEPT. OF			MATHEMATICAL SCIENCES. Two-Dimensional Waves Generated by a Sur-
ENVIRONMENTAL CONSERVATION,	. cere	NEW YORK STATE DEPT. OF HEALTH, ALBANY, RADIOLOGICAL SCIENCES LAB.	face Pressure Disturbance Over a Sloping
ALBANY. BUREAU OF MUNICIPAL W. New York State's View of Land Dispo		Iodine-129 Levels in Milk and Water Near a	Beach,
	7-22 5D	Nuclear Fuel Reprocessing Plant, W74-07798 7-15 5B	W74-02187 7-05 2E
NEW YORK STATE DEPT. OF			NEW YORK UNIV., N.Y. DEPT. OF CHEMISTRY.
ENVIRONMENTAL CONSERVATION,		NEW YORK STATE TEMPORARY	Quantitative Analysis of Aqueous
ALBANY. BUREAU OF RADIOLOGICA POLLUTION CONTROL.	L	COMMISSION ON THE WATER SUPPLY NEEDS OF SOUTHEASTERN NEW YORK,	Nitrite/Nitrate Solutions by Infrared Internal Reflectance Spectrometry,
Radioactivity in New York State	Surface	ALBANY. Measures to Reduce Water Consumption in	W74-01402 7-03 2K
Water, July-December 1971.		Southeastern New York.	NEW YORK DANK NEW YORK BARIATION
	7-16 5B	W74-07079 7-14 6D	NEW YORK UNIV., NEW YORK. RADIATION AND SOLID STATE LAB.
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION,		Proposed Water Supply Projects for Southeast-	Orientation of Chlorophyll in Vivo. Studies with Magnetic Field Oriented Chlorella,
ALBANY. ENVIRONMENTAL QUALIT		ern New York. W74-07080 7-14 6D	W74-00245 7-01 5C
RESEARCH AND DEVELOPMENT UNI Survey of Methods of Treating Wine a			NEW ZEALAND FOREST PRODUCTS LTD.,
Waste Water,	ind Grape	Institutional Arrangements and Alternative Fu-	KINLEITH.
	7-05 5D	tures. W74-07081 7-14 6D	World's Largest Deep Aerated Stabilization Basin in New Zealand.
NEW YORK CEARS DEED OF			W74-06401 7-12 5D
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION,		NEW YORK STATE UNIV., BUFFALO.	
DELMAR. DEPT. OF AQUATIC BIOLO	GY.	The Distribution of Minor Elements Between	NEW ZEALAND FOREST SERVICE, HARIHARI.
Kinetics of Rotenone-Potassium Perm		Coexisting Calcite and Dolomite in the Gasport Member of the Lockport Formation, Lockport,	Management of South Westland Terrace
Reactions as Applied to the Protection	of Trout	New York,	Podocarp Forest Under a Selection Logging
Streams, W74-01891	7-04 5C	W74-10861 7-20 2F	System,
W/4-01051	7-04 50	NEW YORK STATE UNIV., BUFFALO. DEPT.	W74-07347 7-14 4A
NEW YORK STATE DEPT. OF		OF CIVIL ENGINEERING.	NEW ZEALAND FOREST SERVICE,
ENVIRONMENTAL CONSERVATION,		Estimation of Washload Produced on Certain	HOKITIKA.
Comparison of Field Methods for M		Small Watersheds, W74-09618 7-18 2J	Management of Protection Forests in West- land,
Stream Discharge, W74-00735	7-02 2E	NEW YORK HAIV BRONY DERT OF	W74-06488 7-12 4A
W 74-00733	1-02 215	NEW YORK UNIV., BRONX. DEPT. OF METEOROLOGY AND OCEANOGRAPHY.	Potential of Westland's Morainic Soils for
Direct Measurement of Potassium		A Review of Estuarine Modeling,	Forest Management,
ganate Demand and Residual Potass	sium Per-	W74-04929 7-10 2L	W74-07594 7-14 4A
manganate, W74-00765	7-02 5A	Near-Surface Oceanic Diffusion from a Con-	NEW ZEALAND FOREST SERVICE,
		tinuous Point Source,	ROTORUA. Simplified Apparatus for Determining Leaf
NEW YORK STATE DEPT. OF HEALT ALBANY.	н,	W74-04937 7-10 2L	Water Potentials in Pine Needles,
Organic Mercury Poisoning in Ala	mogordo.	NEW YORK UNIV., BRONX. SCHOOL OF	W74-02075 7-04 2
New Mexico,		ENGINEERING AND SCIENCE.	NEW ZEALAND OCEANOGRAPHIC INST.,
W74-06807	7-13 5C	The Elevation, Slope, and Curvature Spectra of	WELLINGTON. DEPT. OF SCIENTIFIC AND
Mercury Concentrations in Human	Tissues	a Wind Roughened Sea Surface, W74-04476 7-09 2E	INDUSTRIAL RESEARCH. Revision of Family and Some Generic Defini
Among Heavy Fish Eaters,	7-13 5B	NEW VORV HALV MEDICAL CENTER N.V.	tions in the Phaennidae and Scolecithricidae
W74-06812		NEW YORK UNIV. MEDICAL CENTER, N.Y. Environmental Tritium Studies at a PWR	(Copepoda: Calanoida), W74-01308 7-03 5A
NEW YORK STATE DEPT. OF HEALT ALBANY. DIV. OF LAB., AND RESEAT		Power Plant,	
Fluorometric Determination of Sel		W74-02022 7-04 5B	NEWARK COLL. OF ENGINEERING, N.J. Adaptive Control Applied to a Water Quality
Water with 2,3-Diaminonaphthalene,		Stable Manganese and Manganese-54 Distribu-	System,
W74-01399	7-03 5A	tions in the Physical and Biological Com-	
NEW YORK STATE DEPT. OF HEALT	н.	ponents of the Hudson River Estuary, W74-02048 7-04 5B	NEWARK COLL. OF ENGINEERING,
ALBANY. DIV. OF LABS. AND RESEA		W74-02048 7-04 5B	NEWARK COLL. OF ENGINEERING, NEWARK.
Electron Microscope and Physical	Chemical	NEW YORK UNIV. MEDICAL CENTER, N.Y.	Trajectory Sensitivity Profiles in a Class of
Characterization of C-Phycocyanin fr	om Fresh	INST. OF ENVIRONMENTAL MEDICINE.	Distributed Optimal Water Quality Contro
Extracts of Two Blue-Green Algae,	7.02 64	Environmental Radioactivity,	Systems, 2.24 75

NEWCASTLE AND GATESHEAD WATER CO.

NEWCASILE AND GAIESHE	AD WATER CO.
NEWCASTLE AND GATESHE	AD WATER CO.
NEWCASTLE-UPON-TYNE (E	ENGLAND).
Chemistry of Modern Wat	er Chlorination,
Introduction, II, the Chemis	try of Chlorination
W74-09744	7-18 5
Chemistry of Modern Wate	r Chlorination, II
Disinfection by Chlorine, I	V, Chlorination
Wastewater and Industrial W	laters,
W74-09745	7-18 5
NEWCASTLE UNIV. (AUSTR	ALIA).
Payment by Use in Urban W	ater Supply,
W74-11683	7-22 6
Water Development and Uri	oan Development

Africa.				
W74-11685			7-22	6B
A Multidisciplinary	Policy	Decision	Model	for

A Multidisciplinary	Policy	Decision	Model	for
Water Pollution,				
W74-11686			7-22	5G

NEWCASTLE UNIV. (AUSTRALIA). DEPT. OF ECONOMICS.

Proceedings	of	the	Urban	Water	Econor	nics
Symposium.						
W74-11682					7-22	6B

NEW CASTLE UNIV. (AUSTRALIA). DEPT. OF PHYSICS.

Research Targets	and	Developments,	Re-
gional Assessments,			
W74-07903		7-15	7B

NEWCASTLE UNIV. COLL. (AUSTRALIA).

Observations on Floating Breakwaters for Reflection of Shallow Water Waves (Recherches Sur Les Brise-Lames Flottants Destines A Reflechir La Houle En Eau Peu Profonde), W74-02693

NEWCASTLE-UPON-TYNE UNIV. (ENGLAND). Turbulence Characteristics in a Smooth Open Channel of Circular Cross-Section (Caracteristiques de la Turbulence au Sein d'un Ecoulement a Surface Libre En Conduite Lisse De Section Circulaire, W74-08192 7-16 8B

NEWCASTLE-UPON-TYNE UNIV. (ENGLAND). DEPT. OF CIVIL ENGINEERING.

A Comparison of the Distribution of Intestinal Bacteria in British and East African Water Sources,
W74-00662 7-02 5B

A Mathematical Model of Transport, Diffusion and Degradation of Organic Matter in a River, W74-11875 7-22 5G

NEWCASTLE-UPON-TYNE UNIV. (ENGLAND). DEPT. OF GEOGRAPHY.

Glacial Origin of Pro-Glacial Boulders, W74-09336 7-18 2C

NEWCASTLE-UPON-TYNE UNIV. (ENGLAND). DEPT. OF ZOOLOGY.

An Oxygen Electrode Microrespirometer, W74-01419 7-03 5A

NEWCASTLE-UPON-TYNE UNIV. (ENGLAND). PUBLIC HEALTH ENGINEERING DIV.

A Simple Technique for the Differentiation of Escherichia Coli In Water Examination, W74-00296 7-01 5A

NEWFOUNDLAND WILDLIFE SERVICE, ST. JOHN'S

Water Lilies as Beaver Food.
W74-06490 7-12 2H

NEWMARK (NATHAN M.) CONSULTING ENGINEERING SERVICES, URBANA, ILL.

Classification, Engineering Properties and Field Exploration of Soils, Intact Rock and In Situ Rock Masses, W74-10356 7-20 8E

NEWTOWN FISH TOXICOLOGY LAB. NATIONAL WATER QUALITY LAB., CINCINNATI, OHIO.

Use of Toxicity Tests with Fish in Water Pollution Control,
W74-12185 7-23 5A

NICOLAS COPERNICUS UNIV. OF TORUN, ILAWA (POLAND). DEPT. OF HYDROBIOLOGY.

Production of Crustacean Zooplankton in Moty Bay, Lake Jeziorak: The method of Production Estimation, W74-01172 7-03 2H

Production of Crustacean Zooplankton in Moty Bay, Lake Jeziorak: II. Estimation of Production of the Predominating Species, W74-01173 7-03 2H

NICOLAS COPERNICUS UNIV. OF TORUN (POLAND). INST. OF BIOLOGY.

Utilization of Aromatic Compounds by Benthic Microorganisms of a Eutrophic Lake, W74-04295 7-08 5C

Observations on the Vegetation of the Koronowo Reservoir, W74-04654 7-09 2I

NICOLAS COPERNICUS UNIV. OF TORUN (POLAND). PRACOWNIA FIZJOLOGICZNY ROSLIN.

Effect of Growth Regulators on Water Metabolism in Plant: I, IAA, Tiba (2,3,5-Triiodobenzoic Acid), GA (Gibberellic Acid) and CCC (2-Chloroethylitrimethylammonium Chloride) on Hydration of Tomato Leaves at Various S oil Moisture Contents, (In Polish), W74-01026 7-02 3F

Effect of Growth Regulators on Water Metabolism in Plant: II. IAA, TIBA (2,3,5-Triiodobenzoic Acid), GA (Gibberellic Acid) and CCC(2-Chloroethyltrimethylammonium Choride) on Transpiration Rate and Stomatal Aperatures of Intact Tomato Plants, (In Polish), W74-01027 7-02 3F

NIEDERSACHSISCHES LANDESAMT FUER BODENFORSCHUNG, HANOVER (WEST GERMANY).

Soil-Suction Measurements for Evaluation of Vertical Water Flow at Greater Depths with a Pressure Transducer Tensiometer, W74-11274 7-21 2G

NIEDERSAECHSISCHES LANDESAMT FUER BODENFORSCHUNG, HANNOVER (WEST GERMANY).

Calculation of Capillary Rise from Groundwater Table into the Root Zone Under Steady-State Conditions, (In German), W74-08139 7-15 2G

NIELSEN ENGINEERING AND RESEARCH, INC., MOUNTAIN VIEW, CALIF.

Application of Boundary-Layer Theory to Dispersion in Nonstratified Two-Dimensional Estuaries, W74-04983 7-10 2L

Application of Boundary-Layer Theory to Dispersion in Well-Mixed Estuaries, W74-12858 7-24 5B

NIGERIA UNIV., NSUKKA. DEPT. OF BOTANY.

Periodicity of Wood Formation in Some Trees of Lowland Rainforest in Nigeria, W74-10730 7-20 2I

NIHON FILTER CO. LTD., TOKYO (JAPAN). (ASSIGNEE).

Method of Treating Waste Solution Containing Chromate Ion or Cyanide Ion, W74-12810 7-24 5D

NIIGATA UNIV. (JAPAN). FACULTY OF AGRICULTURE.

Strontium-90 and Cesium-137 Levels in Soils of Various Types at Niigata Prefecture, Japan, W74-04453 7-09 5B

NIJO JUNIOR HIGH SCHOOL, KYOTO (JAPAN).

On the Relation Between the Occurrence of Desmids and the Salinity in the Hokuriku District of Japan, (In Japanese).
W74-02191 7-05 5B

NINE-MILE CREEK CITIZENS COMMITTEE, SAINT PAUL, MINN.

Urban Creeks, A Condition of Crisis. W74-10711 7-20 5G

NIPPON OIL CO. LTD., TOKYO. (ASSIGNEE). Method of Treating Oil-Containing Contaminated Drainage, W74-036660 7-07 5D

NL INDUSTRIES, INC., HOUSTON, TEX. BAROID DIV.

Prevention of Calcium Carbonate Scale Deposition in Mill Water Systems, W74-07848 7-15 8G

NOBLIN RESEARCH, JACKSON, MISS.

Recreation/Tourism Development Program for the Mississippi Appalachian Area. W74-00800 7-02 6A

NORANDA RESEARCH CENTRE, POINTE CLAIRE (QUEBEC).

The Range of Validity of the Linear Polarization Method for Measurement of Corrosion Rates, 7-02 8G

Henneguya Sp. (Sporozoa: Myxosporida) As A Probable Cause of Death of Esox Niger in Brome Lake, Quebec, W74-03025 7-06 2H

NORCONSULT A/S., OSLO (NORWAY).

Classification System for Estuaries, W74-00511 7-01 2L

Sediment Transport at Low Shields-Parameter Values, W74-05835 7-11 2J

NORGES LANDBRUKSHOEGSKOLE,

W74-01817

VOLLEBEKK.
Investigations of Water Samples from Brooks,
Streams, and Lakes in Areas with Different
Parent Material.

NORGES LANDBRUKSHOEGSKOLE, VOLLEBEKK. CHEMICAL RESEARCH LAB.

7-04 2K

A New Colorimetric Procedure for the Determination of Benomyl,
W74-07559 7-14 5A

NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF BIOLOGICAL AND

NORGES LANDBRUKSHOEGSKOLE, VOLLEBEKK. DEPT. OF POULTRY AND FUR ANIMAL SCIENCE.	NORTH CAROLINA COOPERATIVE FISHERY UNIT, RALEIGH. The Effects of Total Dissolved Solids, Tem-	Phosphorus Supply Characteristics of Acid Or- ganic Soils as Measured by Desorption and Mineralization,
Protein Recovered from Industrial Waste	perature, and pH on the Survival of Immature	W74-07345 7-14 2G
Water as Feed for Chicks, W74-12933 7-24 5B	Striped Bass: A Response Surface Experiment, W74-11935 7-22 5C	Evaluation of Swine Waste Treatment Alterna- tives,
NORGES TEKNISKE HOEGSKOLE,	NORTH CAROLINA COOPERATIVE SPORT	W74-09691 7-18 5D
TRONDHEIM. BIOLOGICAL STATION. Studies on the Phytoplankton Ecology of the Trondheimsfjord. I. The Chemical Composition	FISHERY UNIT, RALEIGH. Toxicity of the Herbicide Kuron (Silvex) to Bluegill Eggs and Fry,	American Cockroach Feeding in Sewer Access Shafts on Paraffin Baits Containing Propoxur or Kepone Plus a Mold Inhibitor,
of Phytoplankton Populations, W74-06545 7-13 5C	W74-03279 7-07 5C	W74-09717 7-18 5G
	NORTH CAROLINA DEPT. OF NATURAL AND	Water and Waste Management in Poultry
NORGES TEKNISKE HOEGSKOLE, TRONDHEIM. RIVER AND HARBOR LAB. Hydraulic Survey and Model Investigation of	ECONOMIC RESOURCES, RALEIGH. OFFICE OF EATER AND AIR RESOURCES. North Carolina Water PlanProgress Report,	Processing, W74-11789 7-22 5D
the Inner Rana Fjord,	Chapter 26Broad River BasinVol. I.	Disposal of Peach Cannery Waste by Applica-
W74-03701 7-07 2L	W74-01858 7-04 6B	tion to Soil, W74-13460 7-24 5D
NORGES TEKNISKE HOEGSKOLE,	NORTH CAROLINA DEPT. OF NATURAL AND	
TRONDLHEIM. DEPT. OF HARBOUR ENGINEERING.	ECONOMIC RESOURCES, RALEIGH. OFFICE OF INDUSTRIAL TOURIST AND COMMUNITY	NORTH CAROLINA STATE UNIV., RALEIGH. D. H. HILL LIBRARY. The Southern Water Resources Scientific In-
Quantitative Tracing of Littoral Drift, W74-04617 7-09 2J	RESOURCES. Policy for Location of Offshore Ports and Oil	formation Center,
	Refineries in Coastal Areas,	W74-02116 7-04 10B
NORGES VETERINARHOEGSKOLE, OSLO.	W74-09995 7-19 5G	NORTH CAROLINA STATE UNIV., RALEIGH.
DEPT. OF BIOCHEMISTRY. Cadmium Concentrations in Some Fish Species from A Coastal Area in Southern Norway.	NORTH CAROLINA DEPT. OF NATURAL AND ECONOMIC RESOURCES, RALEIGH. OFFICE	DEPT. OF AGRICULTURAL ENGINEERING. Computer Simulation of Crop Production -
W74-00257 7-01 5A	OF WATER AND AIR RESOURCES. North Carolina Water Plan Progress During	Potential and Hazards, W74-08331 7-16 3F
NORGES VETERINARHOEGSKOLE, OSLO.	F.Y. 1973.	NORTH CAROLINA STATE UNIV., RALEIGH.
INSTITUTT FOR NAERINGSMIDDELHYGIENE.	W74-01861 7-04 6B	DEPT. OF ANIMAL SCIENCE. Utilization of Fibrous Wastes as Sources of
Pollution Caused by Agriculture,	North Carolina Water Plan-Progress Report-	Nutrients,
W74-07366 7-14 5B	Chapter 22, Water Based Recreation. W74-04990 7-10 6B	W74-07472 7-14 5D
NORSK INSTITUTT FOR VANNFORSKNING,		NORTH CAROLINA STATE UNIV., RALEIGH.
BLINDERN. Modeling of Wastewater Disposal Systems, W74-05388 7-10 5D	NORTH CAROLINA DEPT. OF NATURAL AND ECONOMIC RESOURCES, WILMINGTON. OFFICE OF WATER AND AIR RESOURCES.	DEPT. OF BIOLOGICAL AND AGRICULTURAL ENGINEERING. Water Pollution by Swine Production Opera-
	Feasibility Study of Liquid-Waste Injection into Aquifers Containing Salt Water, Wilming-	tions, W74-00394 7-01 5D
Observations on Planktonic Diatoms in the Lake-River System Lake Mjosa-Lake Oyeren-	ton, North Carolina, W74-03362 7-07 5E	Agricultural Water Demand in North Carolina:
River Glama, Norway, W74-13341 7-24 2H		Phases I and II,
	NORTH CAROLINA RESEARCH TRIANGLE UNIVERSITIES, RALEIGH; AND	W74-01112 7-03 6D
NORSK INSTITUUT FOR VANNFORSKNING, BLINDERN. Algae from Some Lakes in Nordmarka Near	ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, D.C.	Water Management Using Subsurface Drains, W74-01717 7-04 3F
Oslo,	The Proceedings of a National Symposium on	Application of Monte Carlo Method to Soil
W74-04289 7-08 2H	Costs of Water Pollution Control. W74-05629 7-11 5G	Water Movement, W74-06599 7-13 2G
NORSKE SKOGFORSOKSVESEN, OSLO.	NORTH CAROLINA STATE DEPT. OF WATER	
Sulphur Pollution Patterns Observed: Leaching of Calcium in Forest Soil Determined,	AND AIR RESOURCES, RALEIGH. North Carolina Water Plan-Progress Report:	Experimental Evaluation of a Method for Determining Unsaturated Hydraulic Conduc- tivity,
W74-00476 7-01 5B	Chapter 44, The Appalachian Region in North Carolina.	W74-07088 7-14 2G
NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION, RALEIGH.	W74-01859 7-04 6B	Types of Irrigation Systems, W74-08800 7-17 3F
Leaching Losses of Sulfur During Winter Months When Applied as Gypsum, Elemental S	North Carolina Water Plan-Progress Report Chapter 25, The Concept of Basin and Region	Economics of Alternative Wastewater Treat-
or Prilled S, W74-07449 7-14 5B	Reports in the North Carolina Water Plan. W74-01860 7-04 6B	ment Systems, W74-09427 7-18 5D
NORTH CAROLINA BOARD OF WATER AND AIR RESOURCES, RALEIGH.	North Carolina Water Plan Progress Report:	Irrigation Cost for Land Disposal, W74-09428 7-18 5D
Report of Proceedings Concerning the Reclas-	Chapter 19: Power and Water. W74-02836 7-06 3D	Treatment Systems for Animal, Agricultural
sification of Various Streams in North Carolina, Section III, Kinston Public Hearing	NORTH CAROLINA STATE UNIV., RALEIGH.	and Municipal Wastes, W74-09430 7-18 5D
March 1, 1973. W74-09275 7-18 4A	Wastewater Characterization of Sweet Potato Processing,	
Report of Proceedings Concerning the Reclas-	W74-01324 7-03 5A	Effect of Surface Drainage on Water Table Response to Rainfall,
sification of Various Streams in North	Multidisciplinary Application of ERTS-1 Data	W74-09813 7-19 2G
Carolina, Section II, Southern Pines Public Hearings November 2, 1972.	to North Carolina Natural Resource Manage- ment,	Optimized Design of a Subsurface Drainage System,
W74-09276 7-18 4A	W74-06682 7-13 4C	W74-13025 7-24 4A

NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF BIOLOGICAL AND	NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF RECREATION RESOURCES	The People's Republic of China's View of Con- temporary Maritime Legal Problems,
AGRICULTURAL ENGINEERING; AND NORTH CAROLINA STATE UNIV., RALEIGH.	ADMINISTRATION. Capacity of Water-Based Recreation Systems	W74-10703 7-20 6E
DEPT. OF HORTICULTURAL SCIENCE. Use of Waste Heat for Soil Warming in North	Part I: The State of the Art - A Literature Review.	NORTH CAROLINA UNIV., CHAPEL HILL. CENTER FOR URBAN AND REGIONAL
Carolina,	W74-07719 7-15 6B	STUDIES.
W74-07000 7-13 5D	Capacity of Water-Based Recreation Systems	Promoting Environmental Quality Through Urban Planning and Controls,
NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF CHEMISTRY.	PART II: A Systems Approach to Capacity Analysis,	W74-01470 7-03 5D
Determination of the Complexing Capacity of Natural Water,	W74-12364 7-23 6B	Vacation Home Location: A Model for Simu- lating the Residential Development of Rural
W74-04312 7-09 2K	NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF SOCIOLOGY AND	Recreation Areas, W74-02115 7-04 6B
NORTH CAROLINA STATE UNIV., RALEIGH	ANTHROPOLOGY.	
DEPT. OF CIVIL ENGINEERING. A Method for Determining the Behavior of	Public Participation in Water Pollution Control Policy and Decision Making,	The Effects of Authorization for Water Impoundments on Shoreland Transition.
Long Waves Climbing a Sloping Beach,	W74-05953 7-12 6A	W74-02826 7-06 6B
W74-00515 7-01 2G	NORTH CAROLINA STATE UNIV., RALEIGH.	Multipurpose Reservoirs and Urban Develop-
Numerical Simulation of Unsteady Flows in Rivers and Reservoirs,	DEPT. OF SOIL SCIENCE. Organic Compounds in Soil Water of Some Ul-	ment, W74-04319 7-09 6B
W74-00816 7-02 8B	tisols of the Atlantic Coastal Plain,	Lake Norman Developmental Impact Study,
Pollution of Groundwater by Salt Invasion, W74-09594 7-18 5B	W74-03494 7-07 2G	W74-05869 7-11 6B
	An Investigation of Propagation and the Mineral Nutrition of Spartina alterniflora,	Promoting Environmental Quality Through
Computation of Flow Through Masonboro Inlet, N.C.,	W74-07486 7-14 5C	Urban Planning and Controls, W74-08828 7-17 5G
W74-11036 7-21 2L	Management of Lands Used for Waste Disposal.	NORTH CAROLINA UNIV., CHAPEL HILL.
NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF ECONOMICS.	W74-09424 7-18 5D	DEPT. OF BOTANY. Studies on Brackish Water Phytoplankton,
Water and Wastewater Surcharges as Economic Incentives,	Wastewater and Soil Interaction,	W74-00589 7-02 5C
W74-05639 7-11 5G	W74-09425 7-18 5D	The Phytoplankton of Gales Creek with
Costs and Returns of Land Spreading Wast-	NORTH CAROLINA STATE UNIV., RALEIGH.	Emphasis on the Taxonomy and Ecology of
water, W74-09429 7-18 5D	Nitrogen Budget of a North Carolina Estuary,	Estuarine PhytoflagellatesPart 1 of Studies on Brackish Water Phytoplankton,
NORTH CAROLINA STATE UNIV., RALEIGH.	W74-05954 7-12 5C	W74-00590 7-02 5C
DEPT. OF ENTOMOLOGY.	NORTH CAROLINA STATE UNIV., RALEIGH. INST. OF MARINE SCIENCES.	Phytoplankton Populations in Brackish Water Ponds, A Revised ReportPart II of Studies on
Insect Pest Management in Coastal and Estuarine Habitats,	CTD Sensors, Specific Conductance and the	Brackish Water Phytoplankton,
W74-02643 7-05 5G	Determination of Salinity, W74-11033 7-21 7B	W74-00591 7-02 5C
Effects of Salt Marsh Impoundments on	NORTH CAROLINA STATE UNIV., RALEIGH.	Field and Experimental Studies on the Syste- matics and Ecology of Ulva curvata and Ulva
Mosquito Populations, W74-11461 7-22 5C	PESTICIDE RESIDUE RESEARCH LAB.	rotundata,
	The Persistence and Movement of Picloram	W74-07473 7-14 5C
NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF GEOSCIENCES.	and 2,4,5-T in Soils, W74-05459 7-11 5B	NORTH CAROLINA UNIV., CHAPEL HILL.
Precipitation Variability Over North Carolina,	NORTH CAROLINA STATE UNIV., RALIEGH.	DEPT. OF CITY AND REGIONAL PLANNING. The Adapted Public Investment Model with
W74-01111 7-03 2B	DEPT. OF ZOOLOGY.	Particular Reference to the Water Resource
Statistical Analysis of North Carolina Precipita-	Output of Phosphorus, Dissolved Organic Car- bon, and Fine Particulate Carbon from Hub-	Sector in Metropolitan Development, W74-01862 7-04 60
tion Data, W74-02632 7-05 2B	bard Brook Watersheds,	
NORTH CAROLINA STATE UNIV., RALEIGH.	W74-02759 7-06 2K	Preservation of Reservoir Sites, W74-03123 7-06 6F
DEPT. OF MICROBIOLOGY.	NORTH CAROLINA UNIV., CHAPEL HILL.	
Role of Bacteria in Decomposition of Injected	Systematic Errors in Cost Estimates for Public	Environmental Statements and Water Resource Planning in North Carolina,
Liquid Waste at Wilmington, North Carolina, W74-03246 7-07 5B	Investment Projects, W74-00751 7-02 6C	W74-11460 7-22 6G
Studies on the Degradation of Petroleum by	The Harvard Program: A Summing up,	NORTH CAROLINA UNIV., CHAPEL HILL.
Filamentous Fungi,	W74-01030 7-02 6B	DEPT. OF ECONOMICS.
W74-08619 7-16 5B	Simulation Models for Water-Resource	Strategies in Water Quality Control, W74-10058 7-19 50
NORTH CAROLINA STATE UNIV., RALEIGH.	Systems: Their Utility in Measuring Physical	
DEPT. OF NUCLEAR ENGINEERING. Determination of Mercury and Selenium in	and Economic Effects of Weather Forecasting and Weather Modification: Summary Report,	NORTH CAROLINA UNIV., CHAPEL HILL. DEPT. OF ENVIRONMENTAL SCIENCES AND
Coal by Neutron Activation Analysis,	W74-01463 7-03 3B	ENGINEERING.
W74-12485 7-23 5A	The Role of Universities in Water Resources	Algal Response to Getergent Phosphate Levels W74-00724 7-02 50
NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF RECREATION AND PARK	Education: The Social Sciences, W74-01467 7-03 6B	An Approach to the Modeling of Lakes,
ADMINISTRATION. Evaluating Water Based Recreation Facilities	Public Policy Alternatives Affecting Water and	W74-01819 7-04 5E
and Areas,	Sewer Service in Urban Growth Areas.,	Planning for Water Resue,

		HORITI DAROTA CINIV., GRAND FORKS.
Water-Supply Planning in Developing Coun-	NORTH CAROLINA UNIV., CHAPEL HILL.	NORTH CAROLINA WILDLIFE RESOURCES
tries,	WASTEWATER RESEARCH CENTER.	COMMISSION, ELIZABETHTOWN.
W74-04117 7-08 6A		Effects of Acid Mine Drainage on the Stream
Coagulation in Estuaries,	Plant Performance. Part I. Mechanical and	Ecosystem of the East Fork of the Obey River, Tennessee.
W74-04257 7-08 5E	Biological Optima, W74-00431 7-01 5D	W74-06491 7-12 5C
W 74-04257	W/4-00431 /-01 3D	
Phosphates in Sediments of Pamlico Estuary,	NORTH CAROLINA UNIV., CHAPEL HILL.	NORTH CENTRAL FOREST EXPERIMENT
W74-05296 7-10 5A		STATION, GRAND RAPIDS, MINN.
Planning for Water Reuse,	CHEMISTRY.	Temperature and Moisture Effects on Harden- ing of Apple Roots,
W74-08465 7-16 5E	Anion Responses and Potential Functions for	W74-10882 7-20 3F
W/4-06403 /-16 3L	Neutral Carrier Membrane Electrodes, W74-01334 7-03 2K	W 74-10662 7-20 3F
Enhanced Nitrification by Addition of Clinop		NORTH CROLINA STATE UNIV., RALEIGH.
tilolite to Tertiary Activated Sludge Units,	Glass Electrode Responses Interpreted by the	DEPT. OF ECONOMICS.
W74-10479 7-20 5E	Solid State Homogeneous- and Heterogeneous-	Allocation of Scarce Resources to Agricultural
m	Site Membrane Potential Theory,	Research: Review of Methodology, W74-04566 7-09 3F
Phosphates in Sediments of Pamlico Estuary,	W74-06095 7-12 2K	W74-04566 7-09 3F
W74-10804 7-20 50	NORTH CAROLINA UNIV., MOREHEAD CITY.	NORTH DAKOTA STATE UNIV., FARGO.
An Amperometric Membrane Haloger		The Optimum Development of Water
Analyzer,	Hydrographic Atlas of North Carolina	Resources in a Rural Setting,
W74-10980 7-21 5A	Estuarine and Sound Waters, 1972,	W74-06422 7-12 4A
	W74-05032 7-10 2J	NORTH DAKOTA STATE UNIV., FARGO.
Photochemical Reactions in a Dual Outdoo		COLL. OF ENGINEERING AND
Smog Chamber, W74-10996 7-21 5/	Biological Investigations of Noxious Coelen- terates and Ctenophores in Coastal North	ARCHITECTURE.
W 74-10990 7-21 32	Carolina,	River: Recommendations for Improving the
Methods for Transferring Water Resource		Valley Environmental Resources,
Research Findings to Practicing Engineers,	A = 2 × 2 = 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2	W74-02651 7-06 6B
W74-12363 7-23 10I		River. Recommendations for Improving the
NORTH CAROLINA UNIV. CHARPL HILL	Responses of Barnacles to Chemical and Tac-	Valley Environmental Resources, Administra-
NORTH CAROLINA UNIV., CHAPEL HILL. DEPT. OF GEOGRAPHY.	tile Stimuli, W74-11293 7-21 5C	tive Report,
The Present and Future Status of Eastern		W74-02652 7-06 6B
North Carolina Wetlands,	NORTH CAROLINA UNIV., RALEIGH. DEPT.	NORTH DAKOTA STATE UNIV., FARGO.
W74-06850 7-13 21	OF ENVIRONMENTAL SCIENCES AND	DEPT. OF BOTANY.
	ENGINEERING.	Vegetation of the Missouri River Floodplain in
NORTH CAROLINA UNIV., CHAPEL HILL.	Sensors for Water and Wastewater Process	North Dakota,
DEPT. OF PATHOLOGY.	Control, W74-10958 7-21 5D	W74-02667 7-06 21
Quantitative Measurements of Inorganic Mer		NAME OF A PARTY OF A PARTY OF A PARTY.
cury and Organomercurials in Water and		NORTH DAKOTA STATE UNIV., FARGO. DEPT. OF SOILS.
Biological Media by Gas-Liquid Chromatography,	GRANT PROGRAM.	Solute Movement Through Disturbed and
W74-08415 7-16 5/	Policy For Location of Power Plants in Coastal	Undisturbed Soil Cores.
710 31	Areas,	W74-06935 7-13 5B
NORTH CAROLINA UNIV., CHAPEL HILL.	W74-11145 7-21 6G	
SCHOOL OF LAW.	NORTH CAROLINA UNIV., WILMINGTON.	NORTH DAKOTA STATE UNIV., FARGO.
The Problem of Oceanic Research: Unite	DEPT. OF BIOLOGY.	DEPT. OF ZOOLOGY. Causes and Control of Algal Blooms in Spirit-
States and Latin American Perspectives,	Culture Studies of Enteromorpha Linza (L.)	wood Lake, North Dakota,
W74-10878 7-20 61	J.AG. and Ulvaria Oxysperma (Kutzing) Blid-	W74-03906 7-08 5C
NORTH CAROLINA UNIV., CHAPEL HILL.	ing (Chlorophyceae, Ulvales) From Central	
SCHOOL OF MEDICINE.	America,	NORTH DAKOTA STATE UNIV., FARGO.
Perhalobenzenesulfinates as Reagents in th	W74-06749 7-13 5C	WATER RESOURCES RESEARCH INST.
Determination of Inorganic Mercury in Variou	NORTH CAROLINA WATER RESOURCES	Regional Energy-Water Problems, Missouri River.
Media by Gas-Liquid Chromatography,	DESEADOR INST. DATEICH	W74-07974 7-15 6D
W74-05482 7-11 54	Highlights and Issues of the 1972 Amendments	
NORTH CAROLINA UNIV., CHAPEL HILL.	to the Federal Water Pollution Control Act,	Regional Energy-Water Problems, Pacific
SCHOOL OF PUBLIC HEALTH.	W74-03180 7-06 6B	Northwest,
Identification of the Prototheca Species by Im	Inventory of Active Water Resources Research	W74-07975 7-15 6D
munofluorescence,	Projects in North Carolina	NORTH DAKOTA STATE WATER
W74-00659 7-02 5	W74-06615 7-13 9D	COMMISSION, BISMARCK.
		Preliminary Study to Investigate Feasibility of

Water Resources Research Interests in the Col-

Proceedings-Workshop on Land Disposal of

Water Resource Problems and Research Needs

of North Carolina - A Reassessment,

leges and Universities of North Carolina.

W74-06616

W74-06617

Wastewaters.

W74-09422

W74-09657

Annual Report, FY 1973.

7-03 5A

7-12 6E

Chemical Constants of Metal Complexes from

a Complexometric Titration Followed with Anodic Stripping Voltammetry,

Acridine Orange-Epifluorescence Technique

The Continental Shelf Lands of the United

States: Mineral Resources and the Laws Af-

fecting Their Development, Exploitation, and

for Counting Bacteria in Natural Waters,

W74-01332

W74-06000

Investment Potential,

7-14 8I

Desalting Ground Water in North Dakota,

NORTH DAKOTA UNIV., GRAND FORKS.

The Food Habits and Age and Growth of Gol-

deye, Hiodon alosoides (Rafinesque), in Beaver

The Biology and Ecology of River Carpsucker,

Carpiodes Carpio (Rafinesque), in the Little

Missouri Arm of Lake Sakakawea, North

Creek, Lake Oahe, North Dakota, 1971-72,

W74-08066

W74-07474

W74-07991

7-13 9A

7-13 9A

7-18 5D

NORTH DAKOTA UNIV., GRAND FORKS.

NORTH DAKOTA UNIV., GI	RAND FORKS.	
DEPT. OF BIOLOGY.		
Weed Harvest and Lake No	strient Dynamics	,
W74-00150	7-01	5C
Biotic Character as Relate	d to Stream Min	eral
Content,		
Content, W74-03317	7-07	5C
		-
W74-03317	atic Plants: Nut	-

NORTH DAKOTA UNIV., GRAND FORKS. DEPT. OF BIOLOGY; AND NORTH DAKOTA UNIV., GRAND FORKS. DEPT. OF GEOLOGY. The Biogeochemistry of Devils Lake, North

Dakota, W74-02664 7-06 5C

NORTH DAKOTA UNIV., GRAND FORKS. DEPT. OF CHEMISTRY.

Separation of Monosubstituted Phenol Isomers Using Liquid Crystals, W74-05447 7-11 5A

NORTH DAKOTA UNIV., GRAND FORKS. DEPT. OF CIVIL ENGINEERING.

Water Balance in Sewage Stabilization Lagoons. W74-09361 7-18 5D

NORTH DAKOTA WATER RESOURCES RESEARCH INST., FARGO.

Implications of Selected National Water Commission Recommendations to Agricultural Policv. W74-03181

NORTH RHINE-WESTFALEN MINISTRY FOR FOOD, AGRICULTURE AND FOREST, DUESSELDORF (WEST GERMANY).

Water-Level Gauging by Pressure Measuring, W74-11500

NORTH SHORE SANITARY DISTRICT. WAUKEGAN, ILL.

Disinfection and Oxidation of Domestic Wastes. W74-05512 7-11 5D

NORTH STAR RESEARCH AND

DEVELOPMENT INST., MINNEAPOLIS, MINN. Fabrication and Testing of Tubular Reverse Osmosis Modules Containing Ultrathin Membranes for Wet-Dry Cycling Operations, W74-00313 7-01 5F

In-Situ Formed Condensation Polymers for Reverse Osmosis Membranes, W74-08504 7-16 3A

NORTH TEXAS STATE UNIV., DENTON.

Soil Microorganism Metabolism in Spray Irrigation, W74-12725 7-23 5D

NORTH TEXAS STATE UNIV., DENTON. DEPT. OF BIOLOGICAL SCIENCES.

Distribution and Condition of Fishes in a Small Reservoir Receiving Heated Waters, 7-24 5C W74-13076

NORTH TEXAS STATE UNIV., DENTON. DEPT. OF BIOLOGY.

The Effects of Dibrom on Respiratory Activity of the Stonefly, Hydroperla Crosbyi, Hellgrammite, Corydalus Cornutus and the Golden Shiner, Notemigonus Crysoleucas, W74-06040 7-12 5C

NORTH TEXAS STATE UNIV., DENTON. DEPT. OF CHEMISTRY; AND NORTH TEXAS STATE UNIV., DENTON. INST. FOR ENVIRONMENTAL STUDIES.

Analysis of Organic Materials in Wastewater Effluents After Chlorination, W74-03081 7-06 5A

NORTH WESTERN GAS BOARD, ROCHDALE (ENGLAND). (ASSIGNEE)

Purification Process, W74-13250 7-24 5D

NORTHEAST MISSISSIPPI PLANNING AND DEVELOPMENT DISTRICT, BOONEVILLE.

Preliminary Water and Sewer Plan for Alcorn, Benton, Marshall, Prentiss, Tippah, Tishomingo Counties. W74-07062 7-14 5D

NORTHEAST UTILITIES SERVICE CO., HARTFORD, CONN. ENVIRONMENTAL PLANNING COORDINATION.

Industrial Aspects of Wetland Uses, W74-08171 7-16 6E

NORTHEASTERN FOREST EXPERIMENT STATION, PRINCETON, W.VA.

Physical and Chemical Characteristics of Surface Mine Spoil Treated with Fly Ash, W74-09631 7-18 5B

NORTHEASTERN FOREST EXPERIMENT STATION, SYRACUSE, N.Y. RECREATION RESEARCH UNIT.

Toward A Better Understanding of Recreational Boating in the Adirondack Lakes Region, W74-09083 7-17 6B

NORTHERN AREA PLANNING ORGANIZATION, SANTE FE., N. MEX.

Preliminary Feasibility Study for the Pojoaque Valley Sewerage System.

NORTHERN ARIZONA UNIV., FLAGSTAFF.

A Jeep-Mounted Rainfall Simulating Infiltrome-W74-08766 7-17 7R

NORTHERN ARIZONA UNIV., FLAGSTAFF. DEPT. OF CHEMISTRY.

Herbicide Analysis by Pulse Polarography-Ficloram. W74-06127 7-12 5A

NORTHERN FOREST RESEARCH CENTER, EDMONTON (ALBERTA).

Soil Aeration Response to Draining Intensity in Basin Peat, W74-01255 7-03 2G

A Landscape Zonation for the Southern and Central Mackenzie River Valley Based on Terrain Permafrost Characteristics,

Using Potential Flow Theory to Determine Soil Moisture Distribution About an Isolated Tree, W74-12842 7-24 2G

NORTHERN ILLINOIS UNIV., DE KALB.

Geophysical Identification of Frozen and Unfrozen Ground, Antarctica. W74-04360 7-09 2C

NORTHERN ILLINOIS UNIV., DEKALB. DEPT. OF CHEMISTRY.

Solvent Extraction of Metal 1,10-Phenanthroline Complexes and Concentration of Trace Amounts of Metal Ions Prior to Spectrophotometric or Flame Photometric Determination, W74-01354 7-03 5A

Double Pulse Coulostatics,

W74-01511 7-03 2K NORTHERN REGIONAL RESEARCH LAB., ILL.

Gas-Liquid Chromatographic Determination of

Rotenone and Deguelin in Plant Extracts and Commercial Insecticides, W74-05495 7-11 5A

NORTHERN TERRITORY ADMINISTRATION, DARWIN (AUSTRALIA). ANIMAL INDUSTRY AND AGRICULTURE BRANCH.

Liveweight Gains of Shorthorn Steers on Native and Improved Pastures at Adelaide River Northern Territory, 7-14 3F W74-07453

NORTHUMBRIAN RIVER AUTHORITY (ENGLAND).

Proposed Kielder Water Reservoir Scheme Computer Application in Yield Assessment,

NORTHWEST MISSOURI REGIONAL

PLANNING COMMISSION, MARYVILLE. Regional Water and Sewer Capital Improvements Program. W74-05874

NORTHWESTERN UNIV., EVANSTON. DEPT. OF GEOLOGICAL SCIENCES.

A Settling Tube System for Sand-Size Analysis. W74-10367

NORTHWESTERN UNIV., EVANSTON, ILL.

Temperature and the Toxicity of Chromate and Arsenate to the Rotifer, Philodina Roseola, 7-12 SC W74-06172

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF CHEMISTRY.

Alternating Current Polarography in the Harmonic Multiplex Mode. Observations on the Use of Digital Signal Conditioning with the Fast Fourier Transform Algorithm, W74-00631 7-02 7C

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF CIVIL ENGINEERING.

Water Quality Evaluation of Regionalized Wastewater Systems, W74-01107 7-03 5D

Comparison of Dispersion Characteristics in Fissured Rock, W74-12857 7-24 5B

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF GEOLOGY.

Amazon River Estuarine System, W74-07229 7-14 2I.

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF INDUSTRIAL ENGINEERING AND MANAGEMENT SCIENCES.

Pathology of a Dynamic Programing Sequencing Algorithm, W74-00671 7-02 6A

A Useful Theorem in the Dynamic Programming Solution of Sequencing and Scheduling Problems Occurring in Capital Expenditure Planning. W74-05935 7-11 6B

	ORGANIZATIONAL INDEX	
		OAK RIDGE GASEOUS DIFFUSION PLANT, TENN.
NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF MATERIALS SCIENCE. Can a Water-Filled Crevasse Reach the Bottom	NOTRE DAME UNIV., IND. Coagulation of Stormwaters and Low Alkalinity Wastewaters,	NOVA SCOTIA TECHNICAL COLL., HALIFAX. DEPT. OF CHEMICAL ENGINEERING. The Formation of Water-In-Oil Emulsions Sub-
Surface of a Glacier,	W74-09738 7-18 5D	sequent to an Oil Spill,
W74-09335 7-18 2C	NOTED DAME UNIV. IND. DERT. OF	W74-02377 7-05 5B
NORTHWESTERN UNIV., EVANSTON, ILL.	NOTRE DAME UNIV., IND. DEPT. OF BIOLOGY.	NOVOCHERKASSKII INZHENERNO-
TECHNOLOGICAL INST.	Nutrient Cycling and Productivity of	MELIORATIVNYI INSTITUT (USSR).
Computer Simulation of Storm Water Runoff,	Dystrophic Lake-Bog Systems (Part B),	Effect of an Increased Water Rate in Liquid
W74-02310 7-05 2E	W74-07466 7-14 5C	Dressing on Sugar Beet Yield, (In Russian),
Design Optimization for Biological Filter	NOTRE DAME UNIV., IND. DEPT. OF	W74-01211 7-03 3F
Models,	CHEMICAL ENGINEERING; AND NOTRE	NOVOSIBIRSK INST. OF AGROCHEMISTRY
W74-02679 7-06 5D	DAME UNIV., IND. DEPT. OF CIVIL ENGINEERING.	AND SOIL SCIENCE (USSR). Moistening of Mountain Light-Chestnut Soils
Consolidation Characteristics of Dredging Slur-	Rates of Carbon, Oxygen, Nitrogen, and	of Extracontinental Regions of Tien-Shan and
ries,	Phosphorus Cycling Through Microbial Popula-	Altai Mountains, (In Russian),
W74-03847 7-08 5A	tions in Stratified Lakes, W74-06569 7-13 5C	W74-06341 7-12 2G
Unsteady Flow to Bottom Drain in Bounded		Results of the Washing of Soils of Aleisk Ir-
Aquifer,	NOTRE DAME UNIV., IND. DEPT. OF CIVIL ENGINEERING.	rigation System by Mineralized Waters (In Rus-
W74-08926 7-17 2F	Luxury Uptake of Phosphate by Activated	sian), W74-06404 7-12 3C
NORWAY INST. OF WATER RESOURCES,	Sludge,	
OSLO.	W74-06157 7-12 5D	NOVOSIBIRSK SIBERIAN RESEARCH INST.
Pollution Effects on Littoral Algal Communi- ties in the Inner Oslofjord, with Special	NOTRE DAME UNIV., IND. DEPT. OF CIVIL	OF THE FISH INDUSTRY (USSR). Effect of Environmental Factors on Lake
Reference to Ascophyllum nodosum,	ENGINEERING; NOTRE DAME UNIV., IND. DEPT. OF CHEMICAL ENGINEERING;	Zoobenthos in the Southern Part of Western
W74-00733 7-02 5C	ILLINOIS UNIV., CHICAGO. DEPT. OF	Siberia (In Russian),
NORWEGIAN INST. OF SEAWEED	BIOLOGICAL SCIENCES; AND TENECH	W74-09120 7-17 5C
RESEARCH, TRONDHEIM.	ENVIRONMENTAL CONSULTANTS, SOUTH	NUCLEAR WASTE SYSTEMS CO.,
Heavy Metal Tolerance of Marine Phytoplank-	BEND, IND. Multi-Nutrient Dynamic Models of Algal	CAMPBELL, CALIF. (ASSIGNEE). Floatable-Submersible Vessel Container,
ton. I. The Tolerance of Three Algal Species to Zinc in Coastal Sea Water.	Growth and Species Competition in Eutrophic	W74-02040 7-04 5B
W74-11329 7-21 5C	Lakes, W74-06568 7-13 5C	D. F
NORWEGIAN INCE OF URBAN AND	W/4-00308 /-13 3C	Radioactive Waste Treatment System, W74-08897 7-17 5D
NORWEGIAN INST. OF URBAN AND REGIONAL RESEARCH, OSLO.	NOTTINGHAM UNIV. (ENGLAND).	
A Hybrid Model for Irrigation Planning Using	A Note on the Areal Distribution of Suspended Sediment Yield in South Africa,	NUKLEARNI INSTITUT JOZEF STEFAN,
Chance Constrained Programming and	W74-07177 7-14 2J	LJUBLJANA (YUGOSLAVIA). Application of the Carbon Cup Atomisation
Hydrologic Simulation, W74-01488 7-03 4B	NOTTINGHAM UNIV. (ENGLAND). DEPT. OF	Technique in Water Analysis by Atomic-Ab-
	BOTANY.	sorption Spectroscopy, W74-04073 7-08 5A
NORWEGIAN PULP AND PAPER RESEARCH	Productivity and Nutrient Turnover in Mire	W 14-040/3 1-08 3A
INST., OSLO. Lamellar Sedimentation of Fiber-Carrying	Ecosystems: I. Comparison of Two Methods of Estimating the Biomass and Nutrient Content	NUS CORP., PITTSBURGH, PA. CYRUS WM.
Waste Waters (Lamellsedimentering av	of Cladium Mariscus (L.) Pohl,	RICE DIV. Gas Requirements to Pressurize Abandoned
fiberholdig vann),	W74-13037 7-24 2I	Deep Mines,
W74-08437 7-16 5D	NOTTINGHAM UNIV. (ENGLAND). DEPT. OF	W74-00836 7-02 5G
NORWEGIAN WATER RESOURCES AND	MINING ENGINEERING.	Laboratory Study of Self-Sealing Limestone
ELECTRICITY BOARD, OSLO.	Rock Cutting by Impact Action,	Plugs for Mine Openings,
A Deterministic Parametric Water-Balance Model.	W74-10847 7-20 8C	W74-04559 7-09 5G
W74-01126 7-03 2A	NOTTINGHAM UNIV. (ENGLAND). DEPT. OF	O'BRIEN AND GERE ENGINEERS INC.,
Evaluation of Glacier Mass Balance by Observ-	PHARMACY. Degradative Versatility of Corynebacterium	SYRACUSE, N. Y.
ing Variations in Transient Snowline Positions,	pseudodiphtheriticum NCIB 10803 which uses	Effect of Restricted Use of Phosphate-Based
W74-11437 7-21 2C	Amides as Carbon Source,	Detergents on Onondaga Lake, W74-07566 7-14 5C
NORWICH SEWAGE TREATMENT WORKS	W74-01536 7-03 5B	
(ENGLAND).	NOTTINGHAM UNIV. (ENGLAND). DEPT. OF	OAK RIDGE ASSOCIATED UNIVERSITIES, INC., TENN. SPECIAL TRAINING DIV.
Automation of the Control and Operation of	PHYSICS. NMR Studies of Water Adsorbed on a Number	Distribution Studies of Radium and Other
Water Pollution Control Works,	of Silica Surfaces,	Metallic Elements Between Thenoyl-
W74-07758 7-15 5D	W74-06405 7-12 2K	trifluoroacetone in Methyl Isobutyl Ketone and Aqueous Solutions.
NORWICH UNIV., NORTHFIELD, VT. DEPT.	NOTTINGHAM UNIV. (ENGLAND). DEPT. OF	W74-01494 7-03 5A
OF ENGINEERING AND TECHNOLOGY. Environmental Technology at Norwich Univer-	PHYSIOLOGY AND ENVIRONMENTAL	
sity,	STUDIES. The Diffusion Resistance and Water Status of	OAK RIDGE GASEOUS DIFFUSION PLANT, TENN.
W74-08871 7-17 6G	Leaves of Beta vulgaris,	A Study of Pollutant Discharges from Reactor
NOTRE DAME COLL., BELMONT, CALIF.	W74-01734 7-04 3F	Operations Utilizing Ultracentrifugation
DEPT. OF BIOLOGY.	NOVA SCOTIA TECHNICAL COLL., HALIFAX.	Techniques, W74-07782 7-15 5A
Recovery of Bacteriophage from Contaminated	Changes in Chemical Composition and Physical	W 14-07/02 7-13 3A
Chilled and Frozen Samples of Edible West	Properties of a Heavy Residual Oil Weathering	Fractionation of Suspended and Colloidal Parti-
Coast Crabs, W74-00613 7-02 5A	Under Natural Conditions, W74-03877 7-08 5B	cles in Natural Water, W74-07783 7-15 5A
. 02 311		. 13 31

OAK RIDGE GASEOUS DIFFUSION PLANT, TENN.

The Distribution of Cobalt-60 and Cesium-137 Among Suspe	nded and Dis-	Accumulation of by Black Gum S
solved Particles in White Oak La W74-08964	7-17 5B	W74-05196
Environmental Monitoring Re	port - United	Calcium Cycling W74-05200
States Atomic Energy Commissi Facilities, Calendar Year 1972. W74-09854	7-19 5A	Preservation of W74-05310
OAK RIDGE NATIONAL LAB., O	AK RIDGE,	Assessment of
TENN.	(Dissipation	Isotopes from
One-Dimensional Analysis of H in a Sidearm of a Cooling Lake, W74-10651	7-20 5B	ment. Part 1: Ba W74-05419
DAK RIDGE NATIONAL LAB., T Reactions and Transport Phen		A Critical Revie Practices at Nuc W74-06825
faces, W74-00162	7-01 3A	Environmental
The Interstate Water Pollution		Progress Report 30, 1973,
Tiger or Effective Regulatory D W74-01450	7-03 5G	W74-06826
Experimental Results from Process gy Gas in a Natural Gas Process W74-02021		Environmental a Elements, a Sele W74-06857
Hyperfiltration (Reverse Osm Pulp Mill and Bleach Plant Wast	tes,	Pollution, Produ W74-07064
W74-02285	7-05 5D	Documentation
Chlorination Effects on Organic Effluents from Domestic Sa Treatment Plants,		mosphere-Soil-I W74-07785
W74-02416	7-05 5C	Radionuclides in W74-07799
Effect on Organisms of Entrain		
Water: Steps Toward Predictable W74-02894	7-06 5C	A Systems anal Dose to Man
A Survey of the Biological-Scie formation Centers Listed in the		taminated Terre W74-07809
W74-03041	7-06 10D	Error Analysis (W74-07811
Site Investigations for a Bedder in Permian Basin,	I-Salt Pilot Plant	Effects of Ioni
W74-03249	7-07 5E	fluencing Tolers W74-07815
Processing and Analysis of Rac Tracer (RIST) Study Data,	lioisotopic Sand	
W74-03628	7-07 2J	Radiation Effe matocrits, Elec
An Electrochemical Method for Oxygen Content of Aqueous Part-Per-Billion Level,	Streams at the	Components macrochirus), W74-07816
W74-04104	7-08 5A	Sensitivity of C
Dose Estimations for the Hyp Nuclearly Stimulated Natura Cherokee Steam Electric St	d Gas in the	to Acute Gamm W74-07817
Colorado, W74-04177	7-08 5B	Chromosome
Annual Consumption of C		Riparius devel
Cobalt-60 Labeled Pine Seeds mals in an Oak-Hickory Forest,	by Small Mam-	W74-07820
W74-04450	7-09 5B	A Data Acquisi Studies,
Trans-Pacific Fallout and Pro-	ective Counter-	W74-07989
measures, W74-04454	7-09 5B	Significance of
Zone of Flow Establishme Buoyant Jets,		Radionuclides, W74-08878

7-09 5B

7-10 5B

Accumulation of Ce-144 by Hickory by Black Gum Seedlings, W74-05196	and Co	5B
Calcium Cycling: Diffusion into a For W74-05200	rest So 7-10	il, 5B
Preservation of Dilute Mercury Solut W74-05310	ions, 7-10	5A
Assessment of the Loss of R Isotopes from Waste Solids to the ment. Part 1: Background and Theory W74-05419	Envi	
A Critical Review of Solid Radioact Practices at Nuclear Power Plants, W74-06825	7-13	aste 5B
Environmental Sciences Division Progress Report for Period Ending	n An	nual
30, 1973, W74-06826	7-13	5B
Environmental Aspects of Plutonium Elements, a Selected Annotated Bibl W74-06857		
Pollution, Production, and Compensa W74-07064	7-14	5G
Documentation of Prosper - A Mo mosphere-Soil-Plant Water Flow,	odel of	
W74-07785 Radionuclides in Ecosystems, Volum	ne II.	2A
W74-07799 A Systems analysis Methodology for Dose to Man From a Radioacti		5C eting Con-
taminated Terrestrial Environment, W74-07809	7-15	5C
Error Analysis of Ecological Models W74-07811	7-15	5B
Effects of Ionizing Radiation on Pr fluencing Tolerance of Tree Seedling W74-07815		5C
Radiation Effects on Serum Promatocrits, Electrophoretic Patterns		He- otein
Components in the Bluegill macrochirus), W74-07816	7-15	
Sensitivity of Carp (Cyprinus carpic		
to Acute Gamma Radiation, W74-07817	7-15	5C
Riparius developing in Different	Chirono Conce	
tions of Tritiated Water, W74-07820	7-15	5C
A Data Acquisition System for Ecolo Studies,	ogical l	Field
W74-07989 Significance of Ecological Analyses	7-15	
Significance of Ecological Analyses terpretation of Environmental R Radionuclides,		
W74-08878	7-17	
Environmental Aspects of Plutor Selected, Annotated Bibliography.		A
W74-08957	7-17	
Environmental Aspects of Plutonium Elements - A Selected Annotated Bit W74-08958		phy.

Application of the Green and Corey Computing Hydraulic Conduc Hydrologic Modeling, W74-09195	
W 74-09195 High-Resolution Analyses of Refr	
ganic Constituents in Aqueous fluents,	Waste Ef-
W74-09226	7-17 5A
A Preliminary Investigation of Enhanced Oxidation of Pulp Mill E Color Reduction, W74-09464	
Litter and Soil Microbial Dyna	
Deciduous Forest Stand, W74-09823	7-19 5B
Trace Element Measurements at the	Coal-Fired
Allen Steam Plant - Progress Report to January 1973,	
W74-09833	7-19 5A
Electrical Energy and its Environme - Progress Report, December 31, 197 W74-09836	rntal Impact 72. 7-19 5C
Preliminary Evaluation of Metho	
Disposal of Tritiated Water from Stimulated Natural Gas Wells,	Nuclearly
W74-09837	7-19 5C
Distribution and Release of Tritiu Temperature Gas-Cooled Reactors tion of Design, Operational, an Parameters,	as a Func-
W74-09838	7-19 5B
Conceptual Design of a Flood Con Waste Warm Water for Heating, W74-09924	nplex Using
Solubilities of Calcium Sulfate D 25C in Brackish Waters and The trates: Effect of Calgon Additive tions for Reverse Osmosis Processe W74-10036	eir Concen- and Predic-
Commercial High-Level Waste Proj	
W74-10113	7-19 5G
Separation of Clay Minerals and Using Isopycnic Zonal Centrifugation W74-10125	
Determination of Chlorination Eff	
ganic Constituents in Sewage Trea Effluents: A Coupled 36Cl T Resolution Chromatographic Techn W74-10989	tment Plant racerHigh-
An Investigation of the Variable	s Affecting
Steam Condensation on the Outhorizontal Tube Bundle, W74-11639	
A Multisource Atmospheric Trans for Deposition of Trace Contaminar W74-11651	7-22 5B
A Survey of Papers on Ecosyste from 1947-1971 in the Journal 'Ecol W74-11668	ms Analysis ogy', 7-22 5B
Applied Health Physics and Safety port 1971,	Annual Re-
W74-11669	7-22 5B
Ecological-Environmental Assessm	ents Related

to the Federal Repository,

7-22 5B

W74-11672

W74-04657

Radionuclides in Ecosystems, Volume I. W74-05181 7-1

Cesium-137 Soil Inventory of a Tagged Liriodendron Forest 1962 and 1969, W74-05193 7-10 5B

OAK RIDGE NATIONAL LAB., TENN. NUCLEAR SAFETY INFORMATION CENTER.

Transfer of Mercury and Cadmium from Ter- restrial to Aquatic Ecosystems, W74-11703 7-22 5B	Projections of Radioactive Wastes to be Generated by the U.S. Nuclear Power Industry, W74-11962 7-22 5G	Zonal Centrifugation: Applied Aspects in Elu- cidating Chemical and Biological Forms, Dis- tribution and Availability of Heavy Metals in
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	Ecology and Analysis of Trace Contaminants - Progress Report, January 1973-September 1973.	the Environment, W74-12910 7-24 5B
sion Processes-15. W74-11809 7-22 8G	W74-12021 7-23 5B	Hydrolytic Behavior of Toxic Metals,
W/4-11609 /-22 8G	Development of a Unified Transport Model for	W74-12911 7-24 5B
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	Toxic Materials, W74-12022 7-23 5B	Development of High Sensitivity X-Ray Fluorescence for Analysis of Trace Toxic Ele-
sion Processes-14. W74-11810 7-22 8G	Environmental Monitoring of Toxic Materials in Ecosystems,	ments, W74-12912 7-24 5A
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	W74-12023 7-23 5B	Environmental Applications of Centrifugal Photometric Analysis,
sion Processes-13. W74-11811 7-22 8G	Ecology of Toxic Metals, W74-12024 7-23 5B	W74-12913 7-24 5A
	W/4-12024 /-25 5B	Separation, Detection, and Identification of Or-
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver- sion Processes-12.	Toxic Metals in Sediments, W74-12025 7-23 5A	ganically Bound Toxic Metals and Other Hazardous Materials,
W74-11812 7-22 8G	Zonal Centrifugation: Applied Aspects in Elu-	W74-12914 7-24 5A
	cidating Chemical and Biological Forms, Dis-	Measurement of Molecular Organic Contami-
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver- sion Processes-11.	tribution and Availability of Heavy Metals in the Environment,	nants in Polluted Water, W74-12915 7-24 5A
W74-11813 7-22 8G	W74-12026 7-23 5D	Rapid N-15 Isotopic-Ratio Analytical System
	Hydrolytic Behavior of Toxic Metals,	for Environmental Samples,
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver- sion Processes-10.	W74-12027 7-23 5B	W74-12916 7-24 5A
W74-11814 7-22 8G	Development of High Sensitivity X-Ray Fluorescence for Analyses of Trace Toxic Ele-	Removal of Mercury and Other Toxic Metals from Plant Effluent Solutions by Solvent Ex-
Indexed Bibliography on Corrosion and Per-	ments,	traction,
formance of Materials in Saline Water Conver- sion Processes-9.	W74-12028 7-23 5A Environmental Applications of Centrifugal	W74-12917 7-24 5D Electrochemical Removal of Reducible Inor
W74-11815 7-22 8G	Photometric Analysis,	ganic Pollutants from Aqueous Streams,
Indexed Bibliography on Corrosion and Per-	W74-12029 7-23 5A	W74-12918 7-24 5E
formance of Materials in Saline Water Conver- sion Processes-8.	Separation, Detection, and Identification of Or-	The Flow of Mercury in Society,
w74-11816 7-22 8G	ganically Bound Toxic Metals and Other Hazardous Materials,	W74-12919 7-24 5E
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	W74-12030 7-23 5A	Toxic Materials Information Center Environ- mental Information Systems Office,
sion Processes-7.	Measurement of Molecular Organic Contami- nants in Polluted Water by Liquid Chromatog-	W74-12920 7-24 5A
W74-11817 7-22 8G	raphy,	Survey of Mercury Usage by Agencies of the
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	W74-12031 7-23 5A	United States Government During 1971, W74-13113 7-24 5E
sion Processes-6. W74-11818 7-22 8G	Rapid 15-N Isotopic-Ratio Analytical System for Environmental Samples,	Effluent Control in Fuel Reprocessing Plants,
Indexed Bibliography on Corrosion and Per-	W74-12032 7-23 5A	W74-13127 7-24 5E
formance of Materials in Saline Water Conver- sion Processes-5.	Recovery of Toxic Metals from Industrial Ef- fluent Solutions by Solvent Extraction,	Aqueous Processing of LMFBR Fuels Technical Assessment and Experimental Program
W74-11819 7-22 8G	W74-12033 7-23 5D	Definition Section 4.4 and 5.4. W74-13131 7-24 5E
Indexed Bibliography on Corrosion and Per-	Electrochemical Recovery of Reducible Inor-	The Mathematical Modeling of Soil-Water
formance of Materials in Saline Water Conver- sion Processes-4.	ganic Pollutants from Aqueous Streams, W74-12034 7-23 5D	Nitrogen Phenomena,
W74-11820 7-22 8G		W74-13138 7-24 5E
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	The Flow of Mercury in Society, W74-12036 7-23 5B	OAK RIDGE NATIONAL LAB., TENN. ENVIRONMENTAL INFORMATION SYSTEMS
sion Processes-3.	Ecology and Analysis of Trace Contaminants,	OFFICE.
W74-11821 7-22 8G	Progress Report June 1972-January 1973. W74-12905 7-24 5B	Toxic Materials Information Center, W74-12035 7-23 10E
Indexed Bibliography on Corrosion and Per- formance of Materials in Saline Water Conver-	Development of an Environmental Unified	OAK RIDGE NATIONAL LAB., TENN.
sion Processes-2. W74-11822 7-22 8G	Transport Model for Toxic Materials, W74-12906 7-24 5B	NUCLEAR SAFETY INFORMATION CENTER. Design Data and Safety Features of Commer
Indexed Bibliography on Corrosion and Per-	Environmental Monitoring of Toxic Materials	cial Nuclear Power Plants, Vol I, W74-07794 7-15 50
formance of Materials in Saline Water Conver-	in Ecosystems,	Design Data and Safety Features of Communication
sion Processes-1. W74-11823 7-22 3A	W74-12907 7-24 5B Ecology of Toxic Metals,	Design Data and Safety Features of Commer cial Nuclear Power Plants, Vol. II.
Assessing Potential Radiological Impacts to	W74-12908 7-24 5B	W74-07795 7-15 50
Aquatic Biota in Response to the National Environmental Policy Act (NEPA) of 1969,	Toxic Metals in Lake and River Sediments,	Design Data and Safety Features of Commer cial Nuclear Power Plants, Vol. III,
W74-11957 7-22 5C	W74-12909 7-24 5B	W74-07796 7-15 50

OAK RIDGE NATIONAL LAB., TENN, NUCLEAR SAFETY INFORMATION CENTER.

Releases of Radioactivity in Effluents and Solid Waste From Nuclear Power Plants in	OCEANIC INST., WAIMANOLO, HAWAII. Residual Chlorine Retention and Power Plant	Report on Oscillatoria (Subgenus Spirulina) Plantensis (Nordst.) Bourrelly (Cyanophyta) in
1972. W74-13125 7-24 5B	Fish Farms, W74-12266 7-23 5C	Chad, (In French), W74-01905 7-04 5C
OAK RIDGE NATIONAL LAB., TENN. RADIATION SHIELDING INFORMATION CENTER. The EXREM III Computer Code for Estimat-	OCEANOGRAPHIC INST. (NEW ZEALAND). DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON. Preliminary Diagnosis of a New Species of	A Study of the Communities of Invertebrates of Plants of Lake Chad: Preliminary Inquires, (In French), W74-07538 7-14 2H
ing External Radiation Doses to Populations from Environmental Releases,	Marine Isopod From Stewart Island, W74-07570 7-14 2I	Large Ecological Zones of Lake Chad, (In French).
	ODENSE UNIV. (DENMARK). BIOLOGICAL	W74-13356 7-24 2H
OAK RIDGE NATIONAL LAB., TENN. TOXIC MATERIALS INFORMATION CENTER. NSF-RANN Trace Contaminants Abstracts. W74-09835 7-19 5A	INST. Observations on Upstream Migration by Imagines of Some Plecoptera and Ephemeroptera,	OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER, NOSY-BE (MADAGASCAR). CENTRE OCEANOGRAPHIQUE (ORSTOM) DE NOSY-
NSF-RANN Trace Contaminants Directory	W74-02967 7-06 5B	BE.
1973, W74-11961 7-22 5A		Circulation in the Bay of Ampasindava (Madagascar) and Its Biochemical Implications (In French).
OAK RIDGE NATIONAL LABORATORY,	The Effect of Mineral Waters of the Kvasy Spa on Some Indices of Cholesterol and Sialic Acid	W74-01005 7-02 5B
TENN. The Occurrence and Retention of		OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER, PARIS
Radionuclides in the Sediments of White Oak Lake.	ODESSA STATE UNIV. (USSR).	(FRANCE).
W74-11665 7-22 5E	The Effect of Topography and Water Erosion on Runoff (Vliyaniye rel'yefa i vodnoy erozii	Hydrological Information for the Planning of Water Resources in Developing Countries (L'Information Hydrologique Pour La Planifi-
OAKLAND COUNTY DRAIN COMMISSIONER'S OFFICE, PONTIAC, MICH. A Simple Method for Retention Basin Design,	na stok), W74-10228 7-19 2J	cation des Resources Hydrauliques Dans Les Pays en Voie de Developpement),
W74-07753 7-15 5E		W74-01623 7-03 7C
OAKLAND UNIV., ROCHESTER, MICH. DEPT.	(SWEDEN). Experiments on the Movement Behavior of	OFFICE OF DELAWARE RIVER MASTER, MILFORD, PA.
OF BIOLOGICAL SCIENCES. In Vitro Formation of Nitrate Reductase Using Extracts of the Nitrate Reductase Mutant of		Report of the River Master of the Delaware River for the Period December 1, 1972 - November 30, 1973.
Neurospora crassa, Nit-1, and Rhodospirillum rubrum,	ET TECHNIQUE OUTRE-MER, ABIDJAN	W74-12634 7-23 4A
W74-07577 7-14 5E	Litter Decomposition in the Evergreen Rain-	OFFICE OF ENVIRONMENTAL AFFAIRS (AEC), WASHINGTON, D.C.
OBERLIN COLL., OHIO. Stream Pollution and a Simplified Diversity	Forest of Ivory Coast, (In French), W74-00494 7-01 2I	Deep Disposal Systems for Radioactive Wastes,
Index, W74-06876 7-13 5A	OFFICE DE LA RECHERCHE SCIENTIFIQUE	W74-10869 7-20 5B
OCEAN COUNTY SEWERAGE AUTHORITY,	ET TECHNIQUE OUTRE-MER, ABIDJAN (IVORY COAST). CENTRE D'ADIOPODOUME. Polyphenols of Cotton Leaves and the Effect	OFFICE OF INFORMATION SERVICES (AEC), OAK RIDGE, TENN.
N.J. Ocean County Sewerage Authority Waste	on Their Composition of Water and Nutritional	A Bibliography of the Zoology of Tennessee and the Tennessee Valley Region,
Water Solids Utilization on Land Demonstra tion Project,	W74-13344 7-24 3F	W74-09826 7-19 2I
W74-11843 7-22 5E	OFFICE DE LA RECHERCHE SCIENTIFIQUE	Decommissioning of Nuclear Facilities - A Bibliography.
OCEAN ENGINEERING INFORMATON SERVICE, LA JOLLA, CALIF.	ET TECHNIQUE OUTRE-MER, BONDY (FRANCE). SERVICES SCIENTIFIQUES	W74-10119 7-19 6G
Coastal - Estuarine and Nearshore Processes an Annotated Bibliography,		OFFICE OF NAVAL RESEARCH, LONDON (ENGLAND).
W74-12351 7-23 2I		Ciesm and Marine Pollution, W74-00543 7-01 5B
OCEAN SYSTEMS, INC., RESTON, VA.		Oil in Scottish Waters.
Pacific Salmon Aquaculture ProgramIncuba tion and Cultivation Phases,	ET TECHNIQUE OUTRE-MER, CAYENNE	W74-05551 7-11 5B
W74-03028 7-06 2I	CAYENNE.	OFFICE OF RADIATION PROGRAMS, LAS VEGAS, NEV.
OCEANIC INST. WAIMANALO, HAWAII. MAKAPUU OCEANIC CENTER.	Architecture of Riparian Forest Vegetation of Rivers and Creeks of French Guiana,	Tritium Surveillance System, October- December 1972.
A Feasibility Pilot Project for a Method o Open Water Fish Farming.		W74-08650 7-16 5B
W74-01913 7-04 8	OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER, FORT LAMY	OFFICE OF RADIATION PROGRAMS, WASHINGTON, D.C.
An Experiment in Undersea Mariculture, W74-01914 7-04 8		Assessment of Potential Radioological Health Effects From Randon in Natural Gas,
Refurbishing an Hawaiian Fishpond,	Neighboring Ponds: I. The Physical Environ- ment, (In French),	W74-05420 7-11 5C
W74-01915 7-04 8 OCEANIC INST., WAIMANAOL, HAWAII.	W74-00501 7-01 2H Hydrobiological Investigation of Lake Lere	(Radiation Data, Section II. Water). W74-06856 7-13 5A
Preliminary Study of Temperature Tolerance in		Radiological Survey of New London Harbor

Hydrobiological Investigation of Lake Lere (Chad) and Nearby Ponds: IV. The Benthic

7-01 2H

Fauna, W74-00502 Radiological Survey of New London Harbor, Thames River, Conn., and Environs, W74-08645 7-16 5B

Preliminary Study of Temperature Tolerance in Juvenile Hawaiian Mullet (Mugil Cephalus), W74-12260 7-23 5C

State Environmental Radioactivity Surveillance Programs, 1972,	OFFICE OF WATER RESEARCH AND TECHNOLOGY, WASHINGTON, D.C.	OHIO DEPT. OF HEALTH, COLUMBUS. DIV. OF SANITATION.
W74-08647 7-16 5B	A Selected Annotated Bibliography on the Analysis of Water Resource Systems, Fifth	Water Supply Improvement Project, W74-09542 7-18 SE
Instrumentation and Environmental Radiation Assessment Systems,	Volume,	
W74-08876 7-17 5B	W74-11574 7-22 6A	OHIO RIVER BASIN COMMISSION, CINCINNATI.
Radiological Environmental MonitoringThe	OFFICE OF WATER RESOURCES RESEARCH, WASHINGTON, D.C.	Ohio River Basin Commission Annual Report
EPA Approach, W74-08877 7-17 5A	Opportunities for Regional Coordination and	Fiscal Year Ending June 30, 1972. W74-06918 7-13 6B
	Cooperation in Water Resources Research, W74-03175 7-06 6B	OHIO RIVER VALLEY SANITATION
Calculations of Dose, Population Dose and Health Effects Due to Boiling Water Nuclear	A Selected Annotated Bibliography on the	COMMISSION, CINCINNATI. COMMITTEE
Power Reactor Radionuclide Emissions in the	Analysis of Water Resource Systems, Fourth	ON SUBSURFACE ADUSTRIAL
United States During 1971, W74-13110 7-24 5A	Volume. W74-05401 7-11 6A	WASTEWATER INJECTION, Underground Injection of Wastewaters in the
Radiation Data-Water.	Evaporation Suppression, A Bibliography.	Ohio Valley Region. W74-09324 7-18 50
W74-13111 7-24 5A	W74-06501 7-13 3D	
OFFICE OF RADIATION PROGRAMS,	Phreatophytes, A Bibliography, Revised.	OHIO STATE UNIV., COLUMBUS. Some Natural Physical Processes Affecting the
WASHINGTON, D.C. FIELD OPERATIONS DIV.	W74-07829 7-15 3B	Recovery of the Great Lakes,
Environmental Radioactivity in Illinois, 1970,	The Role of Water Resources Research in the	W74-01974 7-04 51
W74-08646 7-16 5B	Energy Crisis, W74-07966 7-15 6D	Soil Microbiological Aspects of Recycling
OFFICE OF SALINE WATER, WASHINGTON, D.C.		Sewage Sludges and Waste Effluents on Land, W74-05972 7-12 5I
Five Year Extension for Research and	OFFICE OF WATER RESOURCES RESEARCH, WASHINGTON, D.C. WATER RESOURCES	W 14-03972 7-12 31
Development, Public Law 92-60 (Final En-	SCIENTIFIC INFORMATION CENTER.	Automated Handling and Treatment of Swin
vironmental Statement). W74-00876 7-02 3A	Water Resources Scientific and Technical In- formation Display, Storage, and Retrieval,	Wastes, W74-09690 7-18 5I
Final Environmental Statement, (Office of	W74-00192 7-01 10A	Coloine Managine and Batanine Colon
Saline Water)Five Year Extension Research	Algae Abstracts, A Guide to the Literature,	Calcium, Magnesium, and Potassium Satura tion Ratios in Two Soils and Their Effect
and Development, Public Law 92-60. W74-09280 7-18 3A	Volume 1 to 1969; Volume 2, 1970-1972. W74-00704 7-02 5C	Upon Yields and Nutrient Contents of German Millet and Alfalfa,
Environmental StatementsProcedures for	Ozone in Water and Waste Water Treatment, a	W74-11269 7-21 31
Preparation.	Bibliography.	OHIO STATE UNIV., COLUMBUS. COLL. OF
W74-10011 7-19 6E	W74-07251 7-14 5D	MEDICINE.
OFFICE OF SCIENCE AND TECHNOLOGY, WASHINGTON, D.C.	OFFSHORE CO., HOUSTON, TEX. (ASSIGNEE) Method and Apparatus for Damping Wave Ac-	Determination of Zinc by Flameless Atomi Absorption Spectrophotometry,
Energy Production and Environmental Con-	tion,	W74-02399 7-05 5/
sequences, W74-05645 7-11 5C	W74-10590 7-20 8B	OHIO STATE UNIV., COLUMBUS. DEPT. OF
The Federal Ocean Program. The Annual Re-	OHIO AGRICULTURAL RESEARCH AND	AGRICULTURAL ENGINEERING. Analysis of Animal Waste Storage and Lan-
port of the President to the Congress on the	DEVELOPMENT CENTER, WOOSTER. Elemental Variability Within a Sampling Unit,	Disposal Systems,
Nation's Efforts to Comprehend, Conserve,	W74-07598 7-14 2K	W74-00393 7-01 51
and Use the Sea. W74-10506 7-20 6E	Yield Response of Soybean Varieties Grown At	Chemical and Sediment Movement from
	Two Soil Moisture Stress Levels,	Agricultural Land into Lake Erie, Supplemen
OFFICE OF THE CHIEF OF ENGINEERS (ARMY), WASHINGTON, D.C.	W74-08805 7-17 3F	Report, W74-05955 7-12 51
Feasibility Study of the Sand Sinking Method	Comparison of Drainage Methods in a Heavy-	
of Combatting a Major Oil Spill in the Ocean Environment,	Textured Soil, W74-10881 7-20 3F	Comparison of Strength Test Methods for Cor rugated Plastic Drainage Tubing,
W74-02635 7-05 5G		W74-06602 7-13 8
On a Flood Plain: Can a Right Go Wrong,	Mulch and Tillage Relationships in Corn Cul- ture,	
W74-11698 7-22 6F	W74-11275 7-21 3F	Quality of Drainage Water From a Heavy-Tex tured Soil,
OFFICE OF THE CHIEF OF ENGINEERS	OHIO AGRICULTURAL RESEARCH AND	W74-08088 7-15 51
(ARMY), WASHINGTON, D.C. CIVIL WORKS	DEVELOPMENT CENTER, WOOSTER. LAB.	Flushing Systems for Free-Stall Dairy Barns,
PLANNING DIV. River Basin Planning in the United States,	OF ENVIRONMENTAL STUDIES. The Relationship Between Maple Canker In-	W74-10309 7-19 51
W74-01472 7-03 6B	cidence and Precipitation,	Quality of Drainage Water from a Heavy-Tex
OFFICE OF THE CHIEF OF NAVAL	W74-01602 7-03 2I	tured Soil,
OPERATIONS, WASHINGTON, D.C.	OHIO AGRICULTURAL RESEARCH AND	W74-10346 7-19 51
ENVIRONMENTAL PROTECTION DIV. Naval Environmental Protection Program.	DEVELOPMENT CENTER, WORSTER. Beef Barnlot Runoff and Stream Water Quali-	Instrumentation Considerations for Studies of
W74-10769 7-20 5G	ty,	Quality of Runoff From Small Agricultura
OFFICE OF THE DEPUTY ASSISTANT	W74-09681 7-18 5B	Watersheds, W74-11545 7-22 7
SECRETARY OF DEFENSE FOR	OHIO DEPT. OF ECONOMIC AND	
ENVIRONMENTAL QUALITY, WASHINGTON, D.C.	COMMUNITY DEVELOPMENT, COLUMBUS. Resource Management Implications of ERTS-1	OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRONOMY.
The Military Attacks Pollution,	Data to Ohio,	The Soil as a Biological Filter,
W74-10766 7-20 5G	W74.06694 7.12 4A	W74 12974 7 24 61

FOUNDATION, COLUMBUS. INST. OF POLAR

Evaluation of Beef Waste Management Alter-

Qualitative and Quantitative Variation of Net

7-01 2H

Plankton of Craighead Lake,

W74-00075

7-18 5D

7-20 8C

natives, W74-09693

Reading Pump Curves, W74-10833

7-13 2C

OHIO STATE UNIV. RESEARCH

Folding of Cold Ice,

STUDIES.

W74-06928

OHIO STATE UNIV., COLUMBUS. DEPT. OF CHEMICAL ENGINEERING.

OHIO STATE UNIV., COLUMBUS. DEPT. OF

Factors Controlling Sludge Density During

Acid Mine Drainage Neutralization, W74-02827 7-06 5D

CHEMICAL ENGINEERING.

		W74-10833 7-2	0 8C
The Identification of the Reaction I	Products	Analysis of the Concentration of Microparticles	
Formed by the Oxidation of Aqueous A	mmonia	in the Long Ice Core from Byrd Station, OKLAHOMA STATE UNIV., STILLWATE	R.
with Potassium Ferrate VI,		W74-06931 7-13 2C (ASSIGNEE)	Treet
W74-07333	-14 5D	OHIO UNIV., ATHENS. DEPT. OF GEOLOGY. Dispersed Growth Biological Sewage	reat-
A. Fuel-seton Work on the Oxidation	of Am	ment riocess,	1 5D
An Explanatory Work on the Oxidation	oi Am-	tures, W /4-03884 /-1	1 30
monia by Potassium Ferrate (VI),	-14 5D	W74-06695 7-13 5A OKLAHOMA STATE UNIV., STILLWATE	R.
W74-07454 7	-14 3D	DEPT OF ACRICULTURAL ENGINEERIN	
OHIO STATE UNIV., COLUMBUS. DEP	r of	Coal Mining and Its Effect on Water Quality, Semi-Portable Sheet Metal Flume for	
CHEMISTRY.	0.	W74-09592 7-18 5B mated Irrigation,	
Indirect Coulometric Titration of B	iological		8 3F
Electron Transport Components,	iorogrem	Oil/Water Separation Acceleration Media,	
	-03 2K	W74-13243 7-24 5G Evaporation from Brine Storage Reservoi	irs,
W 74-01330	05 226	W74-06517 7-1	3 2D
OHIO STATE UNIV., COLUMBUS. DEP	r. of	OIL MOP, INC., NEW ORLEANS, LA.	
ENTOMOLOGY.		Oil/Water Separation Acceleration Media. Economic Size Selection for PVC Pipelin	
Pesticide Movement from Cropland in	to Lake	W74-12437 7-23 5G W74-07303 7-1	4 8A
Erie.		City and the Color of a Park W	
W74-11922	-22 5B	OIL RECOVERY SYSTEMS, INC., MINEOLA, Climate and the Selection of a Beef H	ousing
		N.Y. (ASSIGNEE) and Waste Management System,	0 67
The Susceptibility of Selected Insection	ides and	On Recovery vesser,	9 5D
Acetylcholinesterase Activity in a La	boratory	W74-00089 7-01 5G OKLAHOMA STATE UNIV., STILLWATE	P
Colony of Midge Larvae, Chironomus			260
(Diptera:Chironimidae),		OILWELL RESEARCH, INC., LONG BEACH, CALIF. DEPT. OF AGRONOMY. Experimental and Predicted Movement	ant at
	7-23 5C		
		Corrosion Control in Large Volume Pumping Three Herbicides in a Water-Saturated Sc	
DHIO STATE UNIV., COLUMBUS. DEP	T. OF		5 5B
GEOLOGY AND MINERALOGY.		W74-00937 7-02 8G OKLAHOMA STATE UNIV., STILLWATE	D
Concentration and Distribution of Tr	ace Ele-	OKAYAMA UNIV. (JAPAN). DEPT. OF DEPT OF BIOCHEMISTRY.	n.
ments in the Maumee River Basin, Ol	io, Indi-		
ana and Michigan,		Elizymatic Removal of Oil Olicks,	
	7-19 5B	The Solvent Extraction of the Ternary Complexes of Iron(II)-Rhodamine B With Various	1 5G
		Nitrosophe alols. Determination of Iron in Production and Characterization of Em	mleify
OHIO STATE UNIV., COLUMBUS. DEP	T. OF	Waters, ing Factors from Hydrocarbonoclastic	
MICROBIOLOGY.		W74-00288 7-01 2K and Bacteria,	reas
Growth of an Adherent Mixed Micro	bial Cul-	and Ductoria,	6 5E
ture in a Substrate Limited Single State	Chemo-	OKAYAMA UNIV. (JAPAN). DEPT. OF	o on
stat,		MECHANICAL ENGINEERING. Assessment of Biodegradation Potenti	ial fo
	7-06 5C	The Friction Factors of Oscillating Pipe Flows, Controlling Oil Spills on the High Seas,	
	1	Controlling on Spins on the right Seas,	23 50
Associated Organelles in the Blue-Gre	en Alga,		
Anacystis Nidulans,		OKAYAMA UNIV. (JAPAN). DEPT. OF PUBLIC OKLAHOMA STATE UNIV., STILLWATE	R.
W74-02927	7-06 5C	HYGIENE. DEPT OF CHEMISTRY: AND OKLAHOM	
		Identification of Substances in Petroleum Caus-	
Biochemical Ecology of Water Pollution		ing Objectionable Odour in Fish,	FIC
W74-04523	7-09 5C	W74-06140 7-12 5A ZOOLOGY; AND LOS ALAMOS SCIENTI	FIC
			e Rela
Role of Algal and Fungal Polysacch		ORDINOMIA COOK EMISTIVE FINITURE CITES,	
the Formation and Hydrolysis of La	ke Sedi-	STILLWATER. tionship Between Carbonate and Nitral	ie in i
ments,		Paunch Manure as a Feed Supplement in Chan- nel Caffish Farming W74-12659 7-2	23 50
W74-12656	7-23 5C	nor cutton 1 arming,	25 36
		W74-11796 7-22 5C OKLAHOMA STATE UNIV., STILLWATE	CR.
Bacterial Control of Aquatic Algae,			
W74-12657	7-23 5C		
OHIO CELEBRATE COLUMN			GT;
OHIO STATE UNIV., COLUMBUS.			
ENVIRONMENTAL BIOLOGY PROGR		NIMA OFFICE	
Lead in the California Sea Lion (Zalophus	CENTER.	
Californianus),		OKLAHOMA STATE UNIV., STILLWATER. Biogeochemistry of a Reservoir Ecosyste	
W74-12973	7-24 5C	Occurrence and Distribution of Helminth W74-11164	21 50
OHIO 07 17 17 17 17 17 17 17 17 17 17 17 17 17	EDD	Provides of Fishes from Lake Corl Blockwell	
OHIO STATE UNIV., COLUMBUS. WA	TER	Oklahoma STATE UNIV., STILLWATE	SR.
RESOURCES CENTER.		W74 00220 DEPT. OF CIVIL ENGINEERING.	
Flow Analysis of Hydraulic Connecto	rs in Ar-	W/4-00230 Sensitivity of Groundwater flow Mod	dels to
tificial Recharge Systems, A Model Str	ady,	A Multilayer Aquifer Model of the Ogallala Vertical Variability of Aquifer Constants	
	7-05 4B		03 41
		W74-05962 7-12 2F	
OHIO STATE UNIV., RESEARCH		OKLAHOMA STATE UNIV., STILLWATI	ER.
FOUNDATION, COLUMBUS. INST. FO	R	Phytoplankton Community Structure and DEPT. OF ENTOMOLOGY.	

Nutrient Relationships in Lake Carl Blackwell,

7-15 2H

Oklahoma,

W74-07992

7-18 2C

POLAR STUDIES.

W74-09339

Jerky Glacier Motion and Melt Water,

OKLAHOMA STATE UNIV., STILLWATER.	OKLAHOMA UNIV., NORMAN. BUREAU OF WATER RESOURCES RESEARCH.	Particle Size Distribution and Small-Scale Bed- Forms on Sand Waves, Chesapeake Bay En-
DEPT. OF GEOLOGY. Depositional Features of Braided-Meandering	A Methodology for Assessment of Water	trance,
Stream, W74-07163 7-14 2J	Resources Development: A Competitive Evaluation Model for Water Resources	W74-12650 7-23 2L
***************************************	Development Planning, W74-00559 7-02 6B	OLDHAM (ROBERT R.) INC., SIDNEY, OHIO. Floating Solids Return Device,
OKLAHOMA STATE UNIV., STILLWATER. DEPT. OF ZOOLOGY.		W74-10583 7-20 5D
Observations on the Nitrogen Fixing Potential	OKLAHOMA UNIV., NORMAN. OFFICE OF RESEARCH ADMINISTRATION.	OLDHAM (ROBERT R.), INC., SIDNEY, OHIO.
of the Surface Waters of a Large Impound- ment.	Development of a Prototype Search and	(ASSIGNEE)
W74-00436 7-01 5C	Retrieval Network for Water Resource Infor- mation and User Evaluation Survey,	Pivotable Fluid Diverter for Recirulation System,
Half-Saturation Constants for Uptake of	W74-10412 7-20 10B	W74-08021 7-15 5D
Nitrate and Ammonia By Reservoir Plankton, W74-03299 7-07 5C	OKLAHOMA UNIV., NORMAN. SCHOOL OF ENGINEERING AND ENVIRONMENTAL SCIENCE.	OLIN CORP. STAMFORD, CONN. Domestic Water Systems, Nonchemical Factors in Corrosion Control,
Nitrogen Turnover in Impoundments, W74-06505 7-13 5C	An Innovative Automatic Stream Gaging *Method,	W74-07849 7-15 8G
Effects of Cadmium Salts on the Reproductive	W74-07181 7-14 7B	OMAHA PUBLIC POWER DISTRICT, NEB.
Potential of Male Rainbow Trout as Deter-	OKLAHOMA UNIV., OKLAHOMA CITY.	Nuclear Power Plant Heat Rejection in an Arid Climate.
mined by invivo and Invitro Techniques, W74-12204 7-23 5A	DEPT. OF ENVIRONMENTAL HEALTH.	W74-02887 7-06 5D
	Biological Differences in Cadmium and Zinc Turnover,	OMAHA PUBLIC POWER DISTRICT, NEBR.
OKLAHOMA STATE UNIV., STILLWATER. OFFICE OF ENGINEERING RESEARCH.	W74-12493 7-23 5C	Energy Production,
Feasibility Study of Hydrocyclone Systems for	OKLAHOMA UNIV. RESEARCH INST.,	W74-07967 7-15 6D
Dredge Operations, W74-09202 7-17 5D	NORMAN. Development of a Prototype Search and	OMNI RESEARCH, INC., MAYAGUEZ, PUERTO RICO, CARIBBEAN RESEARCH
	Retrival Network for Water Resource Informa-	LABS.
OKLAHOMA STATE UNIV., STILLWATER. SCHOOL OF AGRICULTURAL ENGINEERING.	tion, W74-02821 7-06 10B	The Determination of Mercury in Commer-
Hydraulics of Main Channel-Floodplain Flows,		cially Important Aquatic Organisms, W74-11438 7-21 5A
W74-11462 7-22 8B	Demonstration of a Full-Scale Waste Treat- ment System for a Cannery.	ONTARIO DEPT. OF HEALTH, TORONTO.
Low Energy Mechanical Methods of Reservoir	W74-11925 7-22 5D	ENVIRONMENTAL HEALTH SERVICES
Destratification, W74-11572 7-22 4A	OKLAHOMA UNIV. RESEARCH INST.,	BRANCH. Mercury in Humans in the Great Lakes Region,
	NORMAN. SCHOOL OF CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCE.	W74-06783 7-13 5B
OKLAHOMA STATE UNIV., STILLWATER. SCHOOL OF CIVIL ENGINEERING.	Brine Disposal Treatment Practices Relating to	ONTARIO MINISTRY OF AGRICULTURE AND
Operational Control Concepts for the Activated	the Oil Production Industry, W74-12211 7-23 5D	FOOD, GUELPH. PESTICIDE RESIDUE LAB.
Sludge Process, W74-10824 7-20 5D		Organochlorine Residues in Harp Seals (Pagophilus groenlandicus) Caught in Eastern
	OKLAHOMA WATER RESOURCES RESEARCH INST., STILLWATER.	Canadian Waters, W74-00766 7-02 SC
Metabolism of Components of Extended Aera- tion Activated Sludge,	Ninth Annual Report of the Oklahoma Water	
W74-12001 7-23 5D	Resources Research Institute, Fiscal Year 1974. W74-06515 7-13 9A	ONTARIO MINISTRY OF AGRICULTURE AND FOOD, GUELPH. PESTICIDES RESIDUE LAB.
OKLAHOMA STATE UNIV., STILLWATER.	OLD DOMINION UNIV., NORFOLK, VA. DEPT.	Residues of Atrazine, Cyanazine, and Their
SCHOOL OF MECHANICAL AND AEROSPACE	OF GEOPHYSICAL SCIENCES.	Phytotoxic Metabolites in a Clay Loam Soil, W74-07585 7-14 5A
ENGINEERING. Distribution and Mixing of Inflow into	Electrical Resistivity Soundings on the Coastal Plain of Southeastern Virginia: A Feasibility	
Stratified Lakes: A Hydraulic Model Study,	Study,	ONTARIO MINISTRY OF NATURAL RESOURCES, MAPLE. FISH AND WILDLIFE
W74-05917 7-11 2H	W74-00437 7-01 2F	RESEARCH BRANCH.
Distribution and Mixing of Inflow into	Remote Detection of Aerosol Pollution by	Changes in the Fish Species Composition of the Great Lakes,
Stratified Lakes: A Hydraulic Model Study, (Phase I).	ERTS, W74-02575 7-05 7B	W74-12264 7-23 5C
W74-06618 7-13 2H	Evaluation of Textural Parameters as Beach-	ONTARIO MINISTRY OF NATURAL
OKLAHOMA STATE UNIV., STILLWATER.	Dune Environmental Discriminators Along the	RESOURCES, PORT DOVER. Organochlorine Residues, Mercury, Copper
WATER RESOURCES RESEARCH INST. Effects of Residual Toxins in Oil Refinery Ef-	Outer Banks Barrier, North Carolina, W74-10247 7-19 2L	and Cadmium in Yellow Perch, White Bass and Smallmouth Bass, Long Point Bay, Lake Erie,
fluents on Aquatic Organisms, W74-12348 7-23 5C	OLD DOMINION UNIV., NORFOLK, VA. INST.	W74-13093 7-24 5C
	OF OCEANOGRAPHY. Tidal Currents and Zig-Zag Sand Shoals in a	ONTARIO MINISTRY OF NATURAL
OKLAHOMA UNIV. HEALTH SCIENCES CENTER, OKLAHOMA CITY. DEPT. OF	Wide Estuary Entrance,	RESOURCES, TORONTO. CONSERVATION AUTHORITIES BRANCH.
ENVIRONMENTAL HEALTH.	W74-00021 7-01 2L	Variable Unit Hydrograph,
Cadmium Toxicity and Biocentration in Lar- gemouth Bass and Bluegill,	Tidal Currents and Zig-Zag Sand Shoals in a Wide Estuary Entrance,	W74-11471 7-22 2A
W74-09492 7-18 5C	W74-07939 7-15 2L	ONTARIO MINISTRY OF THE
Silver Toxicity and Accumulation in Lar-	Tidal Currents, Sediment Transport, and Sand	ENVIRONMENT, TORONTO. Treatment and Disposal of Chemical Phosphate
gemouth Bass and Bluegill,	Banks in Chesapeake Bay Entrance, Virginia,	Sludge in Ontario,
W74-12270 7-23 5C	W74-09368 7-18 2L	W74-09447 7-18 5D

The Summer Fallow System, W74-05215

7-10 3F

OREGON FISH COMMISSION, PORT ORFORD. DIV. OF MANAGEMENT AND

ONTARIO MINISTRY OF THE ENVIRONMENT, TORONTO.

ONTARIO MINISTRY OF THE

ENVIRONMENT, TORONTO. POLLUTION CONTROL BRANCH. The Hazard of Iron,

CONTROL BRANCH.	LUTION	RESEARCH.	
The Hazard of Iron,		1971 Umpqua River Estuary Resource Use Natural Resource Inventory and	Monitoring in
W74-13269	7-24 5B	Study, Oregon With ERTS Imagery, W74-09069 7-17 6B W74-06683	7-13 4A
ONTARIO RESEARCH FOUNDAT	ION.		an Danahalan
SHERIDAN PARK. PESTICIDE AN		1971 Tillamook Bay Resource Use Study, Temperature Transients in Flow W74-09085 7-17 6B W74-10677	7-20 2F
ANALYTICAL LAB. Polychlorinated Terphenyls is	a Paperboard	The Length of Residence of Juvenile Fall Chin-Oregon's Estuaries: Description	
Samples, W74-02392	7-05 5A	ook Salmon in Sixes River, Oregon, W74-11788 7-22 8I W74-11575	ries, 7-22 2L
ONTARIO RESEARCH FOUNDAT	TON	OREGON STATE DEPT. OF AGRICULTURE, OREGON STATE UNIV., CORVA	LLIS.
SHERIDON PARK.	2011,	SALEM, LAB. SERVICES. COOPERATIVE EXTENSION SE	
An Automated Instrument for t		Evaluation of Malonate Dulcitol Lysine Iron Agar for Presumptive Identification of Sal- sion-Making,	
Measurement of Reactive Hydro W74-11007	7-21 5A	monellae, W74-06116	7-12 6G
		W74-06150 7-12 5A OREGON STATE UNIV., CORVA	LLIS DEPT.
ONTARIO WATER RESOURCES		OREGON STATE DEPT. OF ENVIRONMENTAL OF AGRICULTURAL CHEMISTI	
COMMISSION, OTTAWA.	dealeau Phild	QUALITY, PORTLAND. Occurrence of Hexachloroph	
Relationship Between the Hy- Chemistry and Diagenetic Minera		Difficulties Ahead for Oregon Regarding Estua- tachlorophenol in Sewage and W	
the Coastal Areas of the Persian		ry Regulations, Control and Protection, W74-02426	7-05 5A
W74-12851	7-24 2L	W74-08670 7-16 2L Tissue Sulfhydryl Groups in	Salanium Defi-
11 7 7 12001		Rules Pertaining to Standards for Subsurface cient Rats and Lambs,	Scientum-Den-
ONTARIO WATER RESOURCES		Sewage and Non-Water-Carried Waste W74-07952	7-15 5B
COMMISSION, TORONTO.	o Creat Lakes	Disposal.	TITE DEPT
Legal Controls of Pollution in th	ie Great Lakes	W74-09993 7-19 5E OREGON STATE UNIV., CORVA OF AGRICULTURAL ECONOMI	
Basin, W74-11417	7-21 5G	OREGON STATE GAME COMMISSION, An Economic Evaluation of Alt	
₩ /4-1141/	7-21 30	CORVALLIS. of Water Quality: The Role of V	
OPERATIONS RESEARCH, INC.,	SILVER	Some Estuarine Factors Influencing Ascent of Relation to Economic Benefits,	
SPRING, MD.		Anadromous Cutthroat Trout in Oregon, W74-07146	7-14 6B
Maritime Accidental Spill Risk	Analysis: Phase	W74-07493 7-14 2L	
I: Methodology Development an		OREGON STATE HIGHWAY DIV., SALEM. Institutional Considerations, W74-07147	7-14 6E
W74-10619	7-20 5B	ENVIRONMENTAL SECTION.	7-14 OE
ORANGE COUNTY FLOOD CON	TPOI	Highways and Environment, Resource Management Decision	is: Externalities
DISTRICT, SANTA ANA, CALIF.		W74-06114 7-12 6G and Public Policy,	
Vertical Turbine Pumps - Part		W74-07148	7-14 6A
Characteristic Curves,		Property Owner Attitudes and Perceptions, W74-12760 7-24 6B Technical and Economic Issue	s in the Water
W74-10855	7-20 8C	Quality Management of Yaquin	
Wat Im It has been been	mt	OREGON STATE UNIV., ASTORIA. DEPT. OF W74-08672	7-16 2L
Vertical Turbine Pumps - Part 3:		FOOD SCIENCE AND TECHNOLOGY.	ILIC DEPT
W74-10856	7-20 8C	Mercury Content of Oregon Groundfish, W74-11717 7-22 5A OF AGRICULTURAL ENGINEER	
Vertical Turbine Pumps - Part	: Well Charac-	Axisymmetric Infiltrations,	inito.
teristics,		OREGON STATE UNIV., ASTORIA. SEAFOODS W74-07839	7-15 2G
W74-10857	7-20 8C	LAB.	
AD . N. C.	D	Lead and Cadmium Content of Selected Agricultural Waste Managemen	
ORANGE-SEMINOLE-OSCEOLA		Oregon Groundfish, W74-09504 W74-13318 7-24 5C	7-18 5D
COMMISSION, ORLANDO, FLA. Water Management.		A Rotating Flighted Cylinde	r to Separate
W74-01850	7-04 6F	OREGON STATE UNIV., CORVALLIS. Manure Solids From Water,	
1177-01030	7-04 01	Biological and Chemical Features of Tidal W74-10145	7-19 5D
OREGON ADVISORY COMMITT	EE TO THE	Estuaries, W74.00031 7.01 21 Odors from Confined Livestocl	Production.
STATE LAND BOARD, SALEM.		W74-00031 7-01 2L Oddrs from Confined Livestock	7-19 5B
Oregon's Submerged and Subme		Differential Reproduction as a Criterion for	
W74-10874	7-20 6E	Evaluating Development Decisions, OREGON STATE UNIV., CORV.	LLIS. DEPT.
OREGON AGRICULTURAL EXP	EDIMENT	W74-01056 7-02 6B OF BOTANY. Diatom Associations in Ya	quina Fetuary
STATION, CORVALLIS.	ERIMENT	Effects of Ocean Water on the Soluble- Oregon: A Multivariate Analys	
Micro-Determination of C	ation-Exchange	Suspended Distribution of Columbia River W74-01430	7-03 5E
Capacity by Neutron Activation W74-07439	Analysis, 7-14 2G	Radionuclides, W74-02012 7-04 5C OREGON STATE UNIV., CORVA	LLIS. DEPT.
OPPOSIT GO : CT : 1 - CT : - C	mron:	Laboratory and Controlled Experimental Hydrologic Evaluations in Br	idge Pier Soon
OREGON COASTAL CONSERVA		Stream Studies of the Effects of Kraft Ef- Design,	age riei scou
DEVELOPMENT COMMISSION, Operations of the Coastal Comm		fluents on Growth and Production of Salmonid W74-02309	7-05 8E
W74-12758	7-24 6B	Fish,	redation in th
		W74-02277 7-05 5C Indications of Streambed De Willamette Valley,	nadation in the
OREGON COASTAL CONSERVA		Pink and Chum Salmon Culture, W74-03770	7-08 2
DEVELOPMENT COMMISSION,	PORT	W74-04797 7-09 8I	
SIUSLAW.	Management	The Effects of Bottom Confi	
Pacific Northwest Coastal Zor as it Relates to Estuary Protection		Longshore Currents Generated by Obliquely Deformation, Breaking and Ru Incident Sea Waves,	a-Up of Sontary
W74.07500	7.14 6E	W74.04043 7.10 2F W74.04613	7.00 21

OREGON STATE UNIV., CORVALLIS. SCHOOL OF OCEANOGRAPHY.

Constituent Transport in Estuaries,		OREGON STATE UNIV., CORVAL	LIS. DEPT.	OREGON STATE UNIV., CORVA	LLIS. DEPT.
W74-04627 7	-09 2L	OF MICROBIOLOGY.	anment, Vlah	OF SOIL SCIENCE. Subsurface Heating and Irrigati	on of Soile: Ite
What Is an Environmental Impact State		Potential Pathogens in the Envir- siella Pneumoniae, A Taxonomio		Effect on Temperature and Wat	
W74-06108 7	-12 6G	cal Enigma,	c and Ecologi	on Plant Growth,	
New Concepts in Environmental Planni	ing,	W74-00656	7-02 5A	W74-07054	7-14 2G
W74-07492 7	-14 6B	Reversible Heat Injury in the M	arine Psychro-	Integrated Systems for Utilizin	ng Waste Heat
Dredging Problems and Complications,		philic Bacterium Vibrio marinus I	MP-1,	from Steam Electric Plants, W74-09920	7-19 5D
	-24 5C	W74-02883	7-06 5C	W 74-09920	7-19 30
Environmental Planning Methods,		Applicability of the Reverse	e-Flow Filter	OREGON STATE UNIV., CORVA	
	-24 6A	Technique to Marine Microbial S		OF SOIL SCIENCE.; AND OREGO UNIV., CORVALLIS. DEPT. OF	JN STATE
OREGON STATE UNIV., CORVALLIS. I	DEPT	W74-02971	7-06 5A	AGRICULTURAL CHEMISTRY.	
OF ECONOMICS.	DEF1.	Effects of Temperature on Dir	seases of Sal-	Experimental Evaluation of C	
Multi-Disciplinary Study of Water	Quality	monid Fishes,		port in Water-Saturated Porous sorbing Media.	Media: 1. Non-
Relationships: A Case Study of Yaqu	ina Bay,	W74-08834	7-17 5C	W74-12306	7-23 2G
Oregon, W74-07142	7-14 6B	OREGON STATE UNIV., CORVAI	I IS DEPT		
		OF MICROBIOLOGY.; AND ORE		OREGON STATE UNIV., CORVA OF ZOOLOGY.	LLIS. DEP1.
The Demand for Sport Fishing at Yaqu W74-07143		UNIV., CORVALLIS. SCHOOL OF		Sublethal Effects of the Water	Soluble Com-
W /4-0/143	7-14 6B	OCEANOGRAPHY.		ponent of Oil: Chemical Comm	unication in the
The Impact of Sport Angling on the	Yaquina	Heterotrophic Potential for Am		Marine Environment,	214 40
Bay Economy,	(D	take in a Naturally Eutrophic Lal	ke, 7-16 5C	W74-08636	7-16 5C
W74-07144	7-14 6B	W74-08678	7-16 SC	OREGON STATE UNIV., CORVA	
OREGON STATE UNIV., CORVALLIS.	DEPT.	OREGON STATE UNIV., CORVAI	LLIS. DEPT.	ENVIRONMENTAL HEALTH SC	IENCES
OF FISHERIES AND WILDLIFE.		OF OCEANOGRAPHY.		CENTER. Effects of pH, Light and Temp	erature on Car.
Metabolism and Biliary Excretion fobromophthalein by Rainbow Trout		Natural Indicators of Estuar	rine Sediment	baryl in Aqueous Media,	cratare on car
Gairdneri),	(Samo	Movement, W74-00512	7-01 2L	W74-00056	7-01 5B
	7-03 5C	1174-00312	7-01 21	OREGON STATE UNIV., CORVA	1116
Phase II: Temperature Requirements	of Sal-	Processes Affecting Seawater	Characteristics	MARINE ADVISORY PROGRAM	
monids in Relation to their Feeding,		Along the Oregon Coast,	7.01 25	Oregon's Nearshore Ocean,	
getics, Growth and Behavior,		W74-00520	7-01 2E	W74-10431	7-20 2L
W74-10394	7-20 5C	Spectral Absorption of Solar R	adiation in Al-	OREGON STATE UNIV., CORVA	LLIS.
Ecology and Production of Juvenile	e Spring	pine Snowfields,		RANGELAND RESOURCES PRO	GRAM.
Chinook Salmon, Oncorhynchus Tsha		W74-01626	7-03 2C	Natural Vegetation Inventory,	704 44
in a Eutrophic Reservoir,		Predicted Flushing Times and	Pollution Dis-	W74-01671	7-04 4A
W74-12692	7-23 5C	tribution in the Columbia River I		OREGON STATE UNIV., CORVA	LLIS.
OREGON STATE UNIV., CORVALLIS.		W74-03704	7-07 5B	SCHOOL OF FORESTRY. Nutrient Losses After Clear-C	us V anning and
OF FOOD SCIENCE AND TECHNOLOG		Spectra of the Temperature and	Humidity Flue	Slash Burning in the Oregon Co.	
Accumulation of Dietary Polych Biphenyls (Aroclor 1254) by Rainbo		tuations and of the Fluxes of Mo		W74-00381	7-01 40
(Salmo Gairdneri),	w IIout	sible Heat in the Marine Boundar		OBECON STATE UNIV. CORVA	* * * * * * * * * * * * * * * * * * * *
W74-13321	7-24 5C	W74-04672	7-09 2E	OREGON STATE UNIV., CORVA SCHOOL OF OCEANOGRAPHY.	
OREGON STATE UNIV., CORVALLIS.	DEPT	Inshore Sea Surface Temperatu	re and Salinity	A Model for Chemical Exchange	
OF FOREST ENGINEERING.	DUI 1.	Conditions at Agate Beach, Ya		Seawater System of Oceanic La	
Studies of the Forest Energy Budget,		Whale Cove, Oregon, in 1970,		W74-00097	7-01 2K
W74-06518	7-13 2D	W74-04730	7-09 2L	Continuity of Turbidity Curr	
Energy Flux Studies in a Confierou	s Forest	Sedimentary Response to Hydr	rography in an	Systematic Variations in Dec	p-Sea Channe
Ecosystem,		Oregon Estuary,	-81-7	Morphology, W74-00348	7-01 2
W74-09615	7-18 2D	W74-04934	7-10 2L	W 74-00348	7-01 24
OREGON STATE UNIV., CORVALLIS.	DEPT.	Sea Surface Temperature and	Salinity Condi	Coarse Components in Surfac	
OF FOREST PRODUCTS.		tions in 1969 at Agate Beach and		the Panama Basin, Eastern Equ W74-01877	
Utilization of Bark Waste,		Oregon,	ruquiia Day,	W 14-01611	7-04 2
W74-06379	7-12 5A	W74-04935	7-10 2L	Biogenic sediments of the Panar	
OREGON STATE UNIV., CORVALLIS.	DEPT.	The Aidjex Lead Experiment,		W74-01878	7-04 2
OF GEOGRAPHY.		W74-05158	7-10 2C	Texture and Dispersal of Se	diments in the
The Problems and Issues of Impleme Federal Water Project Recreation A				Panama Basin,	
Pacific Northwest,	o. in the	An Ecosystem Study in the Ins	ide Passage of	W74-01879	7-04 2
	7-05 6C	Southeastern Alaska, W74-07495	7-14 5C	Observations of Beach Cusps	at Mono Lake
On the Origin of the Dry Climate in	Northern	4 14-01423	7-14 SC	California,	
South America and the Southern Carib		An Estimate of the Natural Hea	at Resources in	W74-01961	7-04 2
	7-12 2B	a Thermal Area in Iceland,		An Automated Analysis for Ure	
OREGON STATE UNIV., CORVALLIS.	DEPT.	W74-09009	7-17 2F	W74-02421	7-05 SA
OF MATHEMATICS.		Zinc, Copper, Manganese in th	e Razor Clam,	An Occurrence of 'Brick Patt	ern' Oscillator
Heat Budget of Cooling Basins,	7.10 67	Siliqua Patula,	7.22 ED	Ripple Marks at Mono Lake, Ca	

OREGON STATE UNIV., CORVALLIS. SCHOOL OF OCEANOGRAPHY.

The Threshold of Sediment Mov Oscillatory Water Waves,			OREGON STATE UNIV., NEWPORT. OCEANOGRAPHY.	DEPT.	OF	ORGANIZATION FOR ECONOMIC COPERATION AND DEVELOPMENT, I	PARIS	
W74-04065	7-08		Phytoplankton: Grass of the Sea, W74-12664	7-23	5C	(FRANCE). WATER MANAGEMENT S GROUP.	SECTIO	DN
Verification of Water Temperat for Deep, Stratified Reservoirs, W74-04807	7-09		OREGON STATE WATER RESOURCE BOARD, SALEM.	ES		Problems and Instruments Relating t cation of Environmental Costs.		
W /4-0480/	7-09	4/1	Oregon's Long-Range Requirements	for Wat	ter.	W74-03198	7-06	OB
Eolian Origin of Mica in Hawaiia W74-05136	n Soils, 7-10	2G	W74-03119	7-06	6D	Summary Report of the Agreed Projects on Eutrophication of Waters	s.	ring
Measurement of the Apparent			OREGON UNIV., EUGENE. DEPT. OF BIOLOGY.		***	W74-03940	7-08	5C
Constants of Carbonic Acid in S mospheric Pressure,	eawater at	At-	Thermophilic Ostracod: Aquatic Me the Highest Known Temperature To			Water Management and the Environm W74-05625	7-11	60
W74-05731	7-11	2K	W74-01327	7-03				
Observations and Analysis of I	Bottom Tu	rbid	Hot Spring Microbial Communities	Recrea	ated	ORGANIZATION MASSACHUSETTS AMHERST. SCHOOL OF ENGINEER		•
Layers on the Oregon Continenta W74-07632			in Modified 'Winogradski Columns,' W74-01899			Laboratory Experiments to Dete Structural Response of a Vertical	rmine	
Minusters of Sunface Sedimo	nate from	46.0	Manamanta			jected to Wind-Generated Water Wa	ves,	
Mineralogy of Surface Sedime Panama Basin, Eastern Equatoria		tne	Movements, W74-12577	7-23	5C	W74-04424	7-09	8B
W74-08298	7-16	2J				ORION RESEARCH, INC., CAMBRID	GE.	
			Ecology of Blue-Green Algae in Hot			MASS.		
Seasonal Variation of the Water		the	W74-12581	7-23	30	Use of Chemical-Sensing Electrode	s in M	ioni-
Oregon-Northern California Coas W74-09892	7-19	2K	OREGON UNIV., EUGENE. DEPT. OF GEOLOGY.	F		toring, W74-10972	7-21	5A
Bicarbonate and Carbonate Io	n-Pairs an	d a	Sand-Wave Fields in Taiwan Strait,			ORISSA PUBLIC HEALTH DEPT.,		
Model of Seawater at 25 C,			W74-07175	7-14	2 J	BHUBANESWAR (INDIA).		
W74-09894	7-19	2K	OREGON UNIV., EUGENE. OREGON			Water Treatment Plant (1140 cu m/	hr) for	Su-
Development and Erosion Histor	ry of Bayou	rean	STUDENTS PUBLIC INTEREST RES			nabeda,		
Spit, Tillamook, Oregon,	y or Dayor	can	GROUP.			W74-13329	7-24	5D
W74-10618	7-20	2L	Coastal Zone Legislation, W74-12764	7-24	6E	ORISSA UNIV. OF AGRICULTURE A		
Chemical Data From Oregon Wa	ters, 1972,					TECHNOLOGY, BHUBANESWAR (IN Volume Balance Method for Comp		fofil.
W74-10652	7-20	5B	Planning for Diversity, W74-12765	7-24	4E	tration Rates in Surface Irrigation,	uting 1	min-
A Subsurface Ribbon of Cool V	Vater Over	the	W /4-12/03	1-24	OL	W74-05674	7-11	3F
Continental Shelf Off Oregon,	vater Over		OREGON UNIV., EUGENE. SCHOOL			ORLANDO LABS., INC., FLA.		
W74-12324	7-23	2E	Challenges to Federalism: State Concerning Marine Oil Pollution,	Legisla	tion	Comparing the Quality of Our Water		
OREGON STATE UNIV., CORVA	LLIS. SEA		W74-02502	7-05	5G	W74-02428	7-05	5A
GRANT COLLEGE PROGRAM.			American Waterways: Florida O	il Pollu	tion	OSAKA UNIV. (JAPAN). DEPT. OF C	IVIL	
A Look At the Coastal Zone, W74-12757	7-24	6B	Legislation Makes it Over First Hur			ENGINEERING.		
W /4-12/3/	7-24	OD	W74-05778	7-11	5G	Transformation of Surges, W74-03687	7-07	eD.
OREGON STATE UNIV., CORVA			Survey of Oregon's Water Laws,			W /4-0308/	7-07	015
GRANT MARINE ADVISORY PRO The Predicted Influence of Krai		nent	W74-07611	7-15	6E	OSLO UNIV. (NORWAY). DEPT. OF		
on the Fishery Resources,	it Mill Elli	uent	ORGANISATION FOR TROPICAL S	runire		LIMNOLOGY. 'Trapped Sea-Water' in Rorholtfjord	lan	
W74-07145	7-14	5C	SAN JOSE (COSTA RICA).	ODIES	,	W74-01263	7-03	2K
OREGON STATE UNIV., CORVA	TITE WAT	TED	Vegetation and Soil Relationships	in South	hern			
RESOURCES RESEARCH INST.	LLIS. WAI	ER	Beaufort County, North Carolina,			Studies on Phytoplankton in Rela production and some Physical-Che		
How Effective are Environs	mental Im	pact	W74-08150	7-15	2K	tors in Lake Svinsjoen.	micai	rac-
Statements.			ORGANIZATION FOR ECONOMIC			W74-03284	7-07	5C
W74-06107	7-12	6G	OPERATION AND DEVELOPMENT,	PARIS		Byglandsfjorden. Primary Produ	etica	and
Freeze Concentration of Toxic	Pollutants	for	(FRANCE). Analysis of Costs of Pollution Cont	rol		Other Limnological Features in an (
Bioassay,			W74-03486	7-07	5G	Norwegian Lake,	, ingoine	Pine
W74-12349	7-23	5A	one . W. Tron you ron recovering	~~		W74-07554	7-14	5C
Coastal Zone Management Probl	lems.		ORGANIZATION FOR ECONOMIC OPERATION AND DEVELOPMENT,			OSLO UNIV. (NORWAY). INST. OF		
W74-12756	7-24	6E	(FRANCE). DEVELOPMENT CENTR			ECONOMICS.		
OBECON STATE UNIV. CORVA	TITE WAT	PPD	Wells and Welfare. An Explor			Externalities, Environmental Pollut		
OREGON STATE UNIV., CORVA RESOURCES RESEARCH INST. A		ER	Benefit Study of the Economics of	Small-S	cale	location in Space: A General Equi	librium	Ap-
MASSACHUSETTS UNIV., AMHE	ERST. WAT	TER	Irrigation in Maharashtra, W74-03192	7-06	6B	W74-04084	7-08	5G
RESOURCES RESEARCH CENTE		Mar	OBCANIZATION FOR ECONOMIC	00		OSLO UNIV. (NORWAY). INST. OF		
Utility Analysis in the Valuation ket Benefits with Particular			ORGANIZATION FOR ECONOMIC OPERATION AND DEVELOPMENT.			GEOPHYSICS.		
Water-Based Recreation,			(FRANCE). DIRECTORATE FOR TH			Numerical Studies of Two-Dimens	sional !	Satu-
W74-07150	7-14	6B	ENVIRONMENT.			rated-Unsaturated Drainage Models		
OREGON STATE UNIV. EXTENS	ION		Co-operation for Water Protection:	Eutropl	hica-	W74-07168	7-14	2G
SERVICE, CORVALLIS. MARINE		RY	tion Control, W74-06543	7-13	SC	OSLO UNIV. (NORWAY). INST. OF I	PHYSIC	CS.
PROGRAM.						Summary of the State of the Art in		
Estuaries Under Attack,			Report of the Expert Group on Det			matography,		
W74-04033	7-08	6G	W74-06554	7-13	30	W74-07571	7-14	5A
						1		

PADUCAH GASEOUS DIFFUSION PLANT, KY.

OSLO UNIV. (NORWAY). LAB. FOR ZOOLOGY AND MARINE CHEMIST		Lateral Mixing Characteristics of Jump in a Spatially-Varied Flow,	the Hydraulic	PACIFIC NORTHWEST ENVIRONM RESEARCH LAB., CORVALLIS, OR	
Some Heavy Metals in Sprat (Spr	attus Sprat-	W74-12098	7-23 5B	Role of the Federal Government in	
tus) and Herring (Clupea Harengu Inner Oslofjord),		OTTO DURR K.G., STUTTGART (V	VEST	Nutrients in Natural Waters, W74-01808	7-04 5C
W74-13089	7-24 5C	GERMANY). (ASSIGNEE). Apparatus for Separating Paint	or the Like	Reviewing Environmental Impact	Statements-
OSLO UNIV. (NORWAY). ZOOLOGI	CAL LAB.	from Water,		Power Plant Cooling Systems,	
Polluted Snow in Southern Norway fect of the Meltwater on Fres		W74-03008	7-06 5D	Aspects, W74-04555	7-09 5G
Aquatic Organisms, W74-00287	7-01 5C	Method for Purifying Water, W74-03652	7-07 5D	Staff Report on Coal Gasification	n. Processes
		OUACHITA BAPTIST UNIV., ARK		and Effects,	
Polluted Snow in Southern Norway Winters 1968-1971,		ARK.		W74-05416	7-11 5B
W74-04652	7-09 5B	Growth Rates of Lepomis (Centrarchidae) in Three Areas		Modeling Algal Growth Dynamics Lake, Minnesota, with Comments	
OSMANIA UNIV., WARANGAL (INE REGIONAL ENGINEERING COLL. Spacing of Hard Rock Shallow Wel		oma, W74-02422	7-05 2H	Projected Restoration of the Lake, W74-06563	7-13 5C
W74-05133	7-10 4B	OULU UNIV. (FINLAND).		Petroleum Weathering: Some Path	
OSSERVATORIO GEOFISICO		On the Combined Treatment		and Disposition on Marine Waters,	
SPERIMENTALE, TRIESTE (ITALY)	Sewage and Waste Water from	Wood Indus-	W74-12084	7-23 5B
Dispersal Processes of Freshwater		tries, W74-10173	7-19 5D	Workbook of Thermal Plume	Prediction,
River Coastal Area, W74-02758	7-06 2E	OUTOKUMPU OY, HELSINKI (FIN	(LAND).	Volume 2, Surface Discharges, W74-12212	7-23 5B
OTAGO UNIV., DUNEDIN (NEW ZE	ALAND).	Smelter Gases Yield Mercury, W74-07956	7-15 5D	PACIFIC NORTHWEST FOREST AN	ND RANGE
DEPT. OF GEOGRAPHY. Comparison of Raingauge Evapor	oration Sun	OXFORD SEWAGE WORKS (ENG		The Toxicity of 2,3,7,8-Tetrachlo	
pressants,	ration Sup-	Automatic Samplers for Sewage a		Dioxin (TCDD) in Guppies (Poe	
W74-02289	7-05 2D	W74-01306	7-03 5A	latus Peters),	7-23 5C
OTAGO UNIV., DUNEDIN (NEW ZE	ALAND).	OXFORD UNIV. (ENGLAND).		W74-12274	1-23 SC
DEPT. OF GEOLOGY.	. D	Economic and Social Purposes	s Related to	PACIFIC NORTHWEST FOREST A	
Coastal Processes Around the Otag W74-00521	7-01 2J	Water Management, W74-03197	7-06 6B	EXPERIMENT STATION, CORVAL FORESTRY SCIENCES LAB.	LIS, OREG.
OTAGO UNIV., DUNEDIN (NEW		OXFORD UNIV. (ENGLAND), DEP	F 05	Levels of Mirex and Some	
ZEALAND).MEDICAL SCHOOL.		ENGINEERING SCIENCE.	I. Or	ganochlorine Residues in Seafood tic and Gulf Coastal States,	from Atlan-
Effects of Dieldrin on Brown Tr	out in Field	Convective Heat Transfer to Wat	ter Containing	W74-13315	7-24 5A
and Laboratory Studies, W74-02979	7-06 5C	Bubbles: Enhancement not Deper	dent on Ther-	PACIFIC NORTHWEST WATER LA	D
		mocapillarity, W74-04664	7-09 8B	CORVALLIS, OREG.	.D.,
OTTAWA OCCUPATIONAL HEALT (ONTARIO).	H DIV.		T OF	Workbook of Thermal Plume	Prediction:
The Determination of Mercury in	Air Samples	OXFORD UNIV. (ENGLAND). DEP ZOOLOGY.	1. OF	Volume 1, Submerged Discharge, W74-05111	7-10 5B
and Biological Materials,		The Fine Structure of the Periph			
W74-07710	7-15 5A	Sp. and Potamogeton Natans f		Uptake of Radiophosphorus by Ro	oted Aquatic
OTTAWA UNIV. (ONTARIO).		Pond, Oxford, and Its Signific Macrophyte-Periphyton Metaboli		Plants, W74-05207	7-10 5C
	Effects on	G. Wetzel and H. L. Allen,	o moder of it.		
Periphyton, W74-02990	7-06 5C	W74-10808	7-20 5C	PACIFIC POLLUTION CONTROL, FRANCISCO, CALIF. (ASSIGNEE)	SAN
Occupationally Related Health	Hazards in	OXFORD UNIV. (ENGLAND). SCH	OOL OF	Floating Boom,	
Wastewater Treatment Systems,	Huzurus III	BOTANY. The Relation Between the Synt	hasis of Incr	W74-10579	7-20 5G
W74-03853	7-08 5C	ganic Polyphosphate and Phospha		Floating Boom Deployment Appar	
Thermokarst Development, Ba	nks Island,	Chlorella Vulgaris,	7-08 5C	W74-11046	7-21 5G
Western Canadian Arctic,	7-09 2C	W74-04094	7-08 SC	PACIFIC SOUTHWEST INTER-AGI	
W74-04368		OXY METAL FISISHING CORP., N		COMMITTEE, SACRAMENTO. WA	TER
OTTAWA UNIV. (ONTARIO). DEPT	. OF	HEIGHTS, MICH., ENVIRONMEN SERVICES GROUP.	TAL	MANAGEMENT TECHNICAL SUBCOMMITTEE.	
BIOLOGY. Lipolytic Bacteria in the Ottawa Ri	ver	In-Process Pollution Abatemen	t: Upgrading	River Mile Index-Klamath River,	Pacific Slope
W74-02975	7-06 5A	Metal-Finishing Facilities to Redu W74-09080	rice Pollution, 7-17 5G	Basin, California-Oregon. W74-00550	7-01 2E
Changes in Periphytic Algae Follo	owing Bicar-				
bonate Additions to a Small Stream W74-06087		PACIFIC ENGINEERING AND PRO CO. OF NEVADA, HENDERSON. (PADUA UNIV. (ITALY). ISTITUTO AGRONOMIA GENERALE E COLT	
		Method and Apparatus for Elec-		ERBACEE ED ARBOREE.	
OTTAWA UNIV. (ONTARIO). DEPT ENGINEERING.	OF CIVIL	ment of Sewage, W74-02486	7-05 5D	Growth Productivity and Evapor Depending on Soil Moisture upon	
Time Series Analysis of the	Hydrologic			Pepper (Capsicum Annuum L.) Co	
Regimen of a Groundwater Dischar	rge Area,	PACIFIC GAS AND ELECTRIC CO	., SAN	Italian),	
W74-00362	7-01 2F	FRANCISCO, CALIF. DEPT. OF ENGINEERING.		W74-01762	7-04 3F
Computer-Assisted Activated S	ludge Plant	Current Status of Geothermal Po		PADUCAH GASEOUS DIFFUSION I	
Operation, W74-04119	7-08 5D	The Geysers, Sonoma County, Ca		Environmental Monitoring Repo	
17 /4-04117	7-08 3D	W74-09035	7-17 4B	States Atomic Energy Commission	Ju - raducan

PADUCAH GASEOUS DIFFUSION PLANT, KY.

Gaseous Diffusion Plant (Kentuck	(y) - Cale	ndar
Year 1972.		
W74-09855	7-19	5A

PAEDOGOGISCHE HOCHSCHULE, LOERRACH (WEST GERMANY).

Profile of the Vegetation of the Elburs Mountain Range (Northern Iran), (In German), W74-01385 7-03 21

PAHLAVI UNIV., SHIRAZ (IRAN). DEPT. OF AGRICULTURAL ECONOMICS.

Problems of Choosing Irrigation Techniques in a Developing Country, W74-06333 7-12 3F

PAHLAVI UNIV., SHIRAZ (IRAN). DEPT. OF ENGINEERING.

Flow in Open Channels With Smooth Curved Boundaries, W74-02312 7-05 8B

PAHLAVI UNIV., SHIRAZ (IRAN). DEPT. OF IRRIGATION.

Effect of Soil Water Potential on Growth and Yield of Sunflower (Helianthus Annuus), W74-12705 7-23 3F

PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, KARACHI.

The Influence of Rainfall on the Population of Nematodes in Banana Field, W74-01737 7-04 2I

PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, LAHORE.

Microdetermination of Thiocyanates with N-Bromosuccinimide Using Bordeaux Red as an Indicator,
W74-05443 7-11 5A

Microdetermination of Resorcinol in Presence of Phenol, W74-07580 7-14 5A

PALERMO UNIV. (ITALY). INSTITUTO DI ISTOLOGIA ED EMBRIOLOGIA.

The Effect of Heavy Metal on Protein Synthesis in Crustaceans and Fish,
W74-11295 7-21 5C

PALLI SIKSHA SADANA, SRINIKETAN (INDIA). DEPT. OF CHEMISTRY.

Studies of Solvent Extraction Behavior of Some Divalent Metals with Liquid Ion-Exchanger, W74-09783 7-18 5A

PAN AMERICAN HEALTH ORGANIZATION, WASHINGTON, D.C.

Progress in The Rural Water Programs of Latin America, W74-10887 7-20 6B

PAN AMERICAN PETROLEUM CORP., TULSA, OKLA.

Transient Pressure Testing of Fractured Water Injection Wells, W74-04147 7-08 8G

PAN AMERICAN UNIV., EDINBURG, TEX. DEPT. OF BIOLOGY.

Effects of Temperature on Developing Meristic Structures of Smallmouth Bass, Micropterus dolomieui Lacepede, W74-04663 7-09 5C

PANAMETRICS, INC., WALTHAM, MASS.

Ultrasonic Thermometry, W74-01501 7-03 7B

PANSTWOWY INSTYTUT HYDROLOGICZNO-METEOROLOGICZNY, MIKOLAJKI (POLAND).

Observations on the Development of Coregonus peled (Gmel.) Fry in Ponds, W74-01081 7-02 8I

PANT COLL. OF TECH., PANTNAGAR (INDIA).

Groundwater Conditions of the Tarai Region, W74-05131 7-10 4B

PANT COLL. OF TECHNOLOGY PANTNAGAR (INDIA).

Determination of Water Intake Rate of Advance,
W74-08275 7-16 3F

PAPERBOARD, MACHINERY SERVICES LTD., LEATHERHEAD (ENGLAND).

Effluent - Fibre Recovery - Water Savings; Case History of a Recent Plant Installation, W74-07395 7-14 5D

PAPETERIES BOUCHER, CALAIS (FRANCE).

Practical Approach to Water Conservation in a Paper Mill, W74-06387 7-12 5D

PAPETERIES DE VIRGINAL (BELGIUM).

A Total Process Approach to Water and Waste Management in an Expanding Fine Paper Mill, W74-12407 7-23 5D

PAPIER- UND KARTONFABRIK OFTERINGEN (WEST GERMANY).

Closed Water Circulation System in a Paper and Paperboard Mill (Geschlossener Wasserkreislauf in einer Papier-und Kartonfabrik), W74-05281 7-10 5D

PAPIRIPARI VALLALAT KUTATO- ES FEJLESZTOINTEZETE, BUDAPEST (HUNGARY).

The Use of Silicates and Polyelectrolytes for Flocculation,
W74-12420 7-23 5D

PARIS-5 UNIV. (FRANCE). INSTITUT D'HISTOCHIMIE MEDICALE.

Effects on Hepatocytes in Cell Cultures at Various Combinations of Heavy Metals Present in Titanium Waste Waters, (Action Sur Des Hepatocytes en Culture Histiotypique, de Divers Composes Metalliques Presents Dans Les Eaux Residuaires de l'Industries du Titane),
W74-11296 7-21 5C

PARIS-6 UNIV. (FRANCE). LABORATOIRE DE PHYSIOLOGIE VEGETALE APPLIQUEE.

Influence of the Partial Pressure of Oxygen Upon the Rate of Stomatal Opening and Closing Velocity of Pelargonium X Hortorum in Darkness (In French), W74-13404 7-24 21

PARIS UNIV. (FRANCE).

New Contributions to Biological Study of Genetic Transmission of Resistance to Dryness in Double Hybrids of Zea Mays,
W74-04833 7-09 3F

PARIS UNIV. (FRANCE). DEPT. OF GEOGRAPHY.

The Crisis of the Saharan Oases, W74-06481 7-12 6B

PARIS WATER WORKS.

Successful Application of Granular Carbon Solves Quality Problems, W74-10496 7-20 5D

PARMA UNIV. (ITALY). ISTITUTO DI ZOOLOGIA E ANATOMIA COMPARATA.

Notes on the Dynamics of the Reproductive Activity of Arctodiaptomus Bacillifer in High Altitude Alpine Lakes, W74-01209 7-03 2H

Predation on the Freshwater Bivalve Unio pictorum by the Rat, Rattus norvegicus, (In Italian), W74-07008 7-13 2I

PARSONS (RALPH M.) CO., LOS ANGELES, CALIF.

Abatement of Mine Drainage Pollution by Underground Precipitation,
W74-05106 7-10 5G

PASADENA BAYSHORE HOSPITAL, TEX.

Nickel Carbonyl Poisoning, Report of a Fatal Case, W74-09786 7-18 5C

PASSAVANT-WERKE, MICHELBACH (WEST GERMANY). MICHELBACHERHUTTE. (ASSIGNEE)

Surface Aerator Having Wave Attenuator, W74-03018 7-06 5D

PAUL SABATIER UNIV., TOULOUSE (FRANCE). LAB. OF BOTANY AND BIOGEOGRAPHY.

Water and Land Slides, W74-09485 7-18 4A

PAUL SABATIER UNIV., TOULOUSE (FRANCE). LAB. OF HYDROBIOLOGY.

The Effect of a Chemical Method for Gauging Discharge on the Invertebrates of a Mountain River, (in French), W74-10048 7-19 7B

PAUL SABTIER UNIV., TOULOUSE (FRANCE).

Benthic Algae in Water of the Neouvielle Massif (Hautes-Pyrenees),
W74-07013 7-13 2H

PAVIA-BYRNE ENGINEERING CORP., NEW ORLEANS, LA.

Water Reuse in Industry, Part 2 -- Transport Water, W74-00795 7-02 5D

Hypochlorination of Polluted Storm-Water Pumpage at New Orleans, W74-04676 7-09 5D

PEAT, MARWICK, MITCHELL AND CO., WASHINGTON, D.C.

Economics of Inland Water Transport, W74-08508 7-16 4A

PEE DEE COUNCIL OF GOVERNMENTS, TROY, N.C.

Water and Wastewater Systems Inventory - Region H, North Carolina, W74-07063 7-14 5D

PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION, UNIVERSITY PARK.

A New Approach to Soil Testing: II. Ionic Equilibria Involving H, K, Ca, Mg, Mn, Fe, Cu, Zn, Na, P, and S, W74-08281 7-16 2G

ORGANIZATIONAL INDEX PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. OFFICE FOR REMOTE SENSING OF

PENNSYLVANIA DEPT. OF ENVIRONMENTAL	Soil as a Medium for the Renovation of Acid	PENNSYLVANIA STATE UNIV., UNIVERSITY
RESOURCES, HARRISBURG. GROUND WATER QUALITY MANAGEMENT UNIT.	Mine Drainage Water, W74-04981 7-10 5D	PARK. DEPT. OF GEOLOGY AND GEOPHYSICS.
Spray IrrigationThe Regulartory Agency		Sanitary Landfill Leachate Interactions with a
View, W74-12900 7-24 5D	Renovation of Secondary Effluent for Reuse as a Water Resource,	Carbonate-Rock Derived Soil in Central Pennsylvania,
PENNSYLVANIA POWER AND LIGHT CO.,	W74-10197 7-19 5D	W74-10827 7-20 5B
ALLENTOWN.	Bulk Density of a Fragipan Soil in Natural and	PENNSYLVANIA STATE UNIV., UNIVERSITY
The Effect of the Brunner Island Steam Elec- tric Station's Condenser Discharge Water on	Disturbed Profiles, W74-10342 7-19 8D	PARK. DEPT. OF GEOSCIENCES. Analysis and Application of ERTS-1 Data for
the Aquatic Life in the Susquehanna River,		Regional Geological Mapping, W74-01691 7-04 7C
W74-04228 7-08 5C	Renovation of Municipal Wastewater Through	
PENNSYLVANIA STATE DEPT. OF TRANSPORTATION, HARRISBURG.	Land Disposal by Spray Irrigation, W74-12876 7-24 5D	Role of the Bosporus in Black Sea Chemistry and Sedimentation,
Hurricane Agnes-Damage in Pennsylvania,	Effects of Land Disposal of Westernstein on	W74-12373 7-23 2L
W74-09393 7-18 2E	Effects of Land Disposal of Wastewaters on Soil Phosphorus Relations.	Site Selection Criteria for Wastewater Disposal
PENNSYLVANIA STATE UNIV., HARRISBURG.	W74-12880 7-24 5D	Soils and Hydrogeologic Considerations,
Procedures for Filling Gaps in Hydrologic	Effects of Land Disposal of Wastewater on	W74-12875 7-24 5D
Event Series,	Exchangeable Cations and Other Chemical Ele-	PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF INDUSTRIAL
W74-12291 7-23 2E	ments in the Soil, W74-12881 7-24 5D	ENGINEERING.
PENNSYLVANIA STATE UNIV., UNIVERSITY		An Empirical Mathematical Model of an Inter- connected Watershed System,
PARK. Variation of the Low Level Winds During the	PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF BIOLOGY.	W74-05543 7-11 2A
Passage of a Thunderstorm Gust Front,	Element Constitution of Selected Aquatic	PENNSYLVANIA STATE UNIV., UNIVERSITY
W74-00545 7-01 2B	Vascular Plants from Pennsylvania: Submersed	PARK. DEPT. OF MINERALOGY AND
Crop Selection and Management Alternatives-	and Floating Leaved Species and Rooted Emer- gent Species,	PETROGRAPHY. An Investigation of the Mineralogy and Petrog-
Perennials, W74-05979 7-12 5D	W74-01526 7-03 5A	raphy of Uranium-Bearing Shales,
Groundwater Tracing with Post Sampling Ac-	Survival of Brook Trout in a Bog-Derived	W74-13116 7-24 2K
tivation Analysis,	Acidity Gradient,	PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF NUCLEAR ENGINEERING.
W74-06889 7-13 2F	W74-04873 7-10 5C	Mercury Pollution of Lake Erie Ecosphere,
Contribution of Animal Waste to Nitrate	Histochemical and Cytophotometric Assay of	W74-01985 7-04 5B
Nitrogen in Soil, W74-09697 7-18 5B	Acid Stress in Freshwater Fish. W74-05113 7-10 5C	PENNSYLVANIA STATE UNIV., UNIVERSITY
		PARK. DEPT. OF SOIL CHEMISTRY. Erosional Losses of S-Triazine Herbicides,
A Method for Integrating Surface and Ground Water Use in Humid Regions,	PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF CHEMISTRY.	W74-07421 7-14 5B
W74-11964 7-22 5F	Interpretation of Infrared Specta Using Pattern	PENNSYLVANIA STATE UNIV., UNIVERSITY
PENNSYLVANIA STATE UNIV., UNIVERSITY	Recognition Techniques, W74-02376 7-05 2K	PARK. DEPT. OF VETERINARY SCIENCE. Escherichia coli Serogroups Isolated from
PARK. CENTER FOR AIR ENVIRONMENT STUDIES.		Streams in Pennsylvania, 1965 to 1972,
Effluent Charges-A Price on Pollution,	PENNSYLVANIA STATE UNIV., UNIVERSITY	W74-02988 7-06 5A
W74-13320 7-24 5G	PARK. DEPT. OF CIVIL ENGINEERING. The Microbiology of Acid Mine Water Treat-	PENNSYLVANIA STATE UNIV., UNIVERSITY
PENNSYLVANIA STATE UNIV., UNIVERSITY	ment in Packed Bed Columns,	PARK. INST. FOR RESEARCH ON LAND AND WATER RESOURCES.
PARK. COLL. OF EARTH AND MINERAL SCIENCES.	W74-05409 7-11 5D	Random Drilling for Water in Carbonate
An Appraisal of Neutralization Processes to	Diffusion and Dispersion in Open Channel	Rocks, W74-03141 7-06 8B
Treat Coal Mine Drainage, W74-06512 7-13 5D	Flow, W74-05833 7-11 5B	Pan and Lake Evaporation in Pennsylvania,
PENNSYLVANIA STATE UNIV., UNIVERSITY		W74-05121 7-10 2D
PARK. DEPT. OF AGRICULTURAL	Criteria for Estimating Limiting Nutrients in Natural Streams.	Regional Energy-Water Problems, Ohio-Great
ECONOMICS AND RURAL SOCIOLOGY.	W74-06105 7-12 5C	Lakes.
Water Pricing During Urban Development, W74-12366 7-23 6C	Effect of Agnes Floods on Annual Series in	W74-07973 7-15 6D
PENNSYLVANIA STATE UNIV., UNIVERSITY	Pennsylvania,	Conference on Recycling Treated Municipal Wastewater Through Forest and Cropland.
PARK. DEPT. OF AGRICULTURAL	W74-07455 7-14 2E	W74-12869 7-24 5D
ENGINEERING. Spray Disposal of Sewage Effluent,	Evaluation of Prototype Crushed Limestone	PENNSYLVANIA STATE UNIV., UNIVERSITY
W74-00572 7-02 5D	Barriers For the Neutralization of Acidic Streams.	PARK. OFFICE FOR REMOTE SENSING OF
Sprinkler Irrigation Systems: Design and	W74-10693 7-20 5G	EARTH RESOURCES. The Use of ERTS-1 MSS Data for Mapping
Operation Criteria,	Neutralization of Acidic Wastes By Crushed	Strip Mines and Acid Mine Drainage in
W74-12888 7-24 5D	Limestone,	Pennsylvania, W74-02573 7-05 7B
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRONOMY.	W74-10694 7-20 5G	
Nitrate and Nitrite Volatilization by Microor-	Cost of Spray Irrigation for Waste Water	Investigations of an Urban Area and its Locale Using ERTS-1 Data Supported by U-Photog-
ganisms in Laboratory Experiments, W74-00008 7-01 5G	Renovation, W74-12889 7-24 5D	raphy, W74-06635 7-13 4A
7-01 30	1-24 30	713 44

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. OFFICE FOR REMOTE SENSING OF

The state of the s		BULL AREA BULL MAYERS CORP. BA
Mapping of Agricultural Land Use from ERTS-	PENNSYLVANIA UNIV., PHILADELPHIA. WHARTON SCHOOL.	PHILADELPHIA MIXERS CORP., PA. Submerged Turbine Aerators for Waste Water
1 Digital Data, W74-06640 7-13 4A	Effluent Charges: A Critique,	Treatment.
W74-06640 7-13 4A	W74-09560 7-18 5G	W74-06412 7-12 5D
The Use of the Temporal Dimension in Classi-		
fying and Mapping ERTS-1 Mss Data,	PENNWALT CORP., PHILADELPHIA, PA.	Selecting Mixers for Treatment Operations,
W74-06641 7-13 4A	(ASSIGNEE)	W74-10017 7-19 5D
	Control of Aquatic Plant Life, W74-03653 7-07 4A	PHILADELPHIA PUBLIC HEALTH DEPT., PA.
Identification and Mapping of Coal Refuse	W74-03653 7-07 4A	DIV. OF OCCUPATIONAL AND
Banks and Other Targets in the Anthracite Re- gion.	PENNWALT LTD., CAMBERLEY (ENGLAND).	RADIOLOGICAL HEALTH.
W74-06642 7-13 4A	Centrifugal Dewatering of Secondary Waste	Summary of Environmental Monitoring at
7.50	Sludges,	Philadelphia, 1958-1971,
Classification of ERTS-1 MSS Data by Canoni-	W74-08431 7-16 5D	W74-08648 7-16 5B
cal Analysis,	PERKIN-ELMER CORP., NORWALK, CONN.	PHILADELPHIA WATER DEPT., PA.
W74-06662 7-13 7C	A Review of Water Analysis by Atomic Ab-	Engineering Alternatives in Natural Resources
PENNSYLVANIA STATE UNIV., UNIVERSITY	sorption,	Development in Urban Regions,
PARK. SCHOOL OF FOREST RESOURCES.	W74-05292 7-10 5A	W74-00122 7-01 5D
Using Sewage Effluent and Liquid Digested	PERM STATE UNIV. (USSR). INST. OF KARST	Industrial and High Velocity Metering,
Sludge to Establish Grasses and Legumes on	STUDIES AND SPELEOLOGY.	W74-02858 7-06 5F
Bituminous Strip-Mine Spoils,	Fundamentals of Karst Science. Volume 2	W 74-02838 7-00 31
W74-07612 7-15 5D	(Osnovy karstovedeniya. TOM II),	PHILADELPHIA WATER DEPT., PA. WATER
	W74-05017 7-10 2F	POLLUTION CONTROL DIV.
Effect of Partial Vegetation and Topographic		Oxygen Activated Sludge Selected by Philadel-
Shade on Radiant Energy Exchange of	PERMSKII POLITEKHNICHESKII INSTITUT	phia, W74-10472 7-20 5D
StreamsWith Applications to Thermal Load- ing Problems.	(USSR). The Efficacy of Using Activated Carbon for	W74-10472 7-20 5D
W74-12598 7-23 2D	Final Purification of Drinking Water, (in Rus-	PHILCO-FORD CORP., NEWPORT BEACH,
17-12396	sian).	CALIF.
Vegetation Responses to Irrigation with	W74-10599 7-20 5F	Design Integrity and Performance Charac-
Treated Municipal Wastewater,		teristics of Helical Tubular Module Elements in
W74-12885 7-24 5D	Automatic Devices for Sampling Sewage and	Reverse Osmosis Plants,
Anatomical and Physical Proporties of Red Oak	Surface Water, (In Russian), W74-13359 7-24 5A	W74-00319 7-01 3A
Anatomical and Physical Properties of Red Oak and Red Pine Irrigated with Municipal Waste-	W 14-13337	Investigation of the Effect of Coatings on the
water,	Hygienic Standardization of the Components of	Failure Mechanisms of Fiberglass Yarn in Tu-
W74-12886 7-24 5D	Rubber Production Sewage in Reservoir Water,	bular Reverse Osmosis Supports,
1171 2000	(In Russian),	W74-01935 7-04 3A
Deer and Rabbit Response to the Spray Irriga-	W74-13373 7-24 5C	PHILIPPINES UNIV., LAGUNA. COLL. OF
tion of Chlorinated Sewage Effluent on Wild	PERMSKII POLITEKHNICHESKII INSTITUT	AGRICULTURE.
Land,	(USSR). DEPT. OF SANITARY TECHNOLOGY.	Nitrogen, Salinity, and Acidity Distribution in
W74-12887 7-24 5D	Using the Adsorption Method on Activated	an Irrigated Orchard Soil as Affected by Place-
PENNSYLVANIA UNIV., PHILADELPHIA.	Charcoal with Chloroform Extraction (CCE)	ment of Nitrogen Fertilizers,
CENTER FOR ECOLOGICAL RESEARCH IN	for Evaluating Water Pollution by Organic Sub-	W74-10343 7-19 3C
PLANNING AND DESIGN.	stances, (In Russian), W74-02232 7-05 5B	PHILIPS FORSCHUNGSLABORATORIUM
A Selected Annotated Bibliography on Land	W 14-02232 1-03 3B	G.M.B.H., HAMBURG (WEST GERMANY).
Resource Inventory and Analysis for Planning,	PERMUTIT CO. LTD., LONDON (ENGLAND).	The Start-Up Model of a Rapid Sand Filter,
W74-12795 7-24 6A	Ion Exchange and Allied Processes in Water	W74-12146 7-23 5F
PENNSYLVANIA UNIV., PHILADELPHIA.	Recovery,	MILLIANC OF ORDER A MARCHICA BRIDGER
DEPT. OF CIVIL AND URBAN ENGINEERING.	W74-02268 7-05 5D	PHILIPS GLOEILAMPENFABRIEKEN, EINDHOVEN (NETHERLANDS).
Response of Anabaena to pH, Carbon, and	PERMUTIT CO. LTD., LONDON, (ENGLAND).	How to Measure Ambient Pollution,
Phosphorus,	POLLUTION CONTROL DEPT.	W74-11255 7-21 5A
W74-06165 7-12 5C	Contact StabilisationA Process with a Fu-	
	ture.,	PHILIPS PETROLEUM CO., BARTLESVILLE,
Hypolimnetic Flow Regimes in Lakes and Im-	W74-10451 7-20 5D	OKLA. (ASSIGNEE)
poundments,	PERMUTIT CO., PARAMUS, N.J.	Sewage and Water Treatment with Modified Quarternary Salts of Vinylpyriding
W74-11578 7-22 8B	Gravity Dewatering: Application to Paper Mill	Copolymers,
PENNSYLVANIA UNIV., PHILADELPHIA.	Wastes,	W74-08899 7-17 5E
DEPT. OF DERMATOLOGY.	W74-04533 7-09 5D	
Chromium Complexes with Proteins and Mu-	PETROLITE CORP. WILMINGTON DEL.	PHILLIPS, ORMONDE AND FITZPATRICK,

copolysaccharides and Their Relationship to Chromium Allergy in Sensitized Guinea Pigs, W74-12519 7-23 SC

PENNSYLVANIA UNIV., PHILADELPHIA. MOORE SCHOOL OF ELECTRICAL ENGINEERING.

Suspended Solids Analysis Using ERTS-A Data. W74-08301 7-16 2J

PENNSYLVANIA UNIV., PHILADELPHIA, PA.

The Uncertain Search for Environmental Policy: The Costs and Benefits of Controlling Pollution Along the Delaware River, W74-09999 7-19 5G

taining Aminomethyl Phosphonates, 7-11 5D W74-05890 PETTY-RAY GEOPHYSICAL GROUP, SAN

(ASSIGNEE)

W74-03230

ANTONIO, TEX. Feasibility Study of a Seismic Reflection Monitoring System for Underground Waste-Material Injection Sites,

7-07 5B

Water Clarification Process Using Silicon-Con-

PHILADELPHIA MIXERS CORP., KING OF PRUSSIA, PA.

Submerged Aerators are Hot, 7-20 5D W74-10557

Treatment of Waste Water, W74-10283 7-19 5D

PHILLIPS PETROLEUM CO., BARTLESVILLE, OKLA.

The Effect of Thinners on the Fabric of Clay Muds and Gels, W74-03159 7-06 8G

Polluted Water Purification, W74-11407 7-21 5D

PHILLIPS PETROLEUM CO., BARTLESVILLE, OKLA. (ASSIGNEE).

Containing and Removing Oil Spills on Water, W74-03670 7-07 3A

POLISH ACADEMY OF SCIENCES, WARSAW. INST. OF ECOLOGY.

Removal of Mercury Compounds from Water, W74-05684 7-11 5D	PLANNING COMMISSION, KARACHI (PAKISTAN). WATER AND POWER SECTION.	Deposits and of the Zinc and Lead Industry. (Rozprzestrzenienie metali ciezkich w wodach
Containing and Removing Oil Spills on Water,	The Problem of Critical Discharge in Sediment Motion,	plynacych w rejonie wystepowania naturalnych zloz oraz przemyslu cynku i olowiu),
W74-07208 7-14 5G	W74-04801 7-09 2J	W74-02435 7-05 5B
PHILLIPS PETROLEUM CO., BARTLESVILLE, OKLA. RESEARCH AND DEVELOPMENT	PLANT PROTECTION RESEARCH INST., PRETORIA (SOUTH AFRICA).	Epiphytic Microphytes in a Pond Polluted with Beet Sugar Factory Wastes,
DEPT. A Multiparameter Oil Pollution Source Identifi-	Occurrence and Distribution of the Vine Phyl- loxera, Phylloxera vitifoliae (Fitch), in the Oli-	W74-06551 7-13 5C
cation System, W74-00432 7-01 5A	fants River Irrigation Area, Northwestern Cape	Protozoans in Ponds Filled with Sugar Factory
	Province, W74-07356 7-14 3F	Wastes, W74-06552 7-13 5C
PHOTO DATA INST., JANESVILLE, WIS. Pipe Inspection Cameras and Techniques,	PLANTENZIEKTENKUNDE DIENST,	
W74-10828 7-20 8G	WAGENINGEN (NETHERLANDS).	Macrobenthos of Ponds with Sugar Factory Wastes.
PHYTOX CORP., COLLEGE STATION, TEX.	Some Aspects of Chemical Control of Soil- Borne Pathogens,	W74-06553 7-13 5C
2, 4, 5-T, W74-06027 7-12 5C	W74-02889 7-06 5B	The Plankton of Ponds Enriched with Wastes
PIERSON AND CO., LTD., MANCHESTER	PLASTIC TUBING, INC., ROSEBORO, N.C.	from Beet Sugar Factories, W74-07478 7-14 5C
(ENGLAND).	Corrugated Drainage Pipe, W74-10499 7-20 8A	
Countercurrent Washing Turns the Tide Against Rising Effluent Costs,	PLASTICS PIPE INST., NEW YORK.	POLISH ACADEMY OF SCIENCES, KRAKOW. ZAKLAND BIOLOGII WOD.
W74-08228 7-16 5D	Recommendations for Installing PVC Gravity	Remarks on the Stocking of the Dam Reservoir
PITTSBURGH CORNING CORP., PA.	Sewer Piping, W74-10919 7-21 8A	at Przeczyce with Lake Trout Salmo trutta M Lacustris L.
(ASSIGNEE) Process and Apparatus for Solar Distillation		W74-01072 7-02 8I
Utilizing Cellular Ceramic Nodules to Improve	PNEUMATIQUES CAOUTCHOUC MANUFACTURE ET PLASTIQUES KLEBER-	POLISH ACADEMY OF SCIENCES, POZNAN.
the Evaporation Rate, W74-09179 7-17 3A	COLOMBES (FRANCE). Floating Antipollution Barrier Device.	INST. OF ZOOLOGY.
	W74-11060 7-21 5G	Changes in Fauna of Water Mites (Hydracarina) of Kierskie Lake, (In Polish),
PITTSBURGH UNIV., PA. DEPT. OF BIOLOGY. Biogeochemistry of the Rare-Earth Elements in	POERTNER (HERBERT G.), BOLINGBROOK,	W74-00078 7-01 5C
Aquatic Macrophytes of Linsley Pond, North Brandford, Connecticut,	ILL. Practices in Detention of Urban Stormwater	Oligochaeta in the Interstitial Waters, (in
W74-12687 7-23 5A	Runoff,	Polish), W74-11199 7-21 2E
PITTSBURGH UNIV., PA. DEPT. OF CIVIL	W74-10696 7-20 4A	
ENGINEERING.	POITERS UNIV. (FRANCE). UNITE	POLISH ACADEMY OF SCIENCES, PSZCZYNA. HYDROBIOLOGICAL STATION.
Expected Range and Adjusted Range of Hydrologic Sequences,	D'ENSEIGNMENT ET DE RECHERCHE DE MEDICINE ET PHARMACIE.	Bottom Macrofauna in the Goczalkowice Dam
W74-09908 7-19 4A	Microbiological Comparison Between a Few	Reservoir in the Years 1965-1969, W74-03271 7-07 5C
PITTSBURGH UNIV., PA. DEPT. OF	Aquatic Mediums, (In French), W74-08669 7-16 5C	
PATHOLOGY. Beryllium-Induced Ultrastructural Changes in	POLARNYI NAUCHNO-ISSLEDOVATELSKII I	POLISH ACADEMY OF SCIENCES, WARSAW. Preliminary Papers for UNESCO-IBP Sym-
Intact and Regenerating Liver,	PROEKTNYI INSTITUT MORSKOGO	posium on Productivity Problems of Fresh-
W74-09769 7-18 5C	RYBNOGO KHOZYAISTVA I OKEANOGRAFII, MURMANSK (USSR).	waters. W74-08673 7-16 5C
PITTSBURGH UNIV., PA. ENVIRONMENTAL ENGINEERING PROGRAM.	Effect of Incorporated Radionuclides on the	POLISH ACADEMY OF SCIENCES, WARSAW.
Economic, Social and Environmental Impacts	Chromosomal Apparatus of Marine Fish, W74-04183 7-08 5C	INST. OF ECOLOGY.
of Public Works, Vol. I Pittsburgh Area Stu- dies, Vol. II. The Alegheny County Sanitary	POLISH ACADEMY OF SCIENCES, KOSCIAN.	The Effect of Nutrients on the Growth of Bac- terial Population in Water,
Authority (AlCoSan) Facility, Vol. III. Impact	INST. OF ECOLOGY.	W74-01001 7-02 5C
Analysis, W74-05231 7-10 6B	Primary Productivity of Crop Fields, (In Polish),	The Effect of Organic Substrates on the
Sewage Collection and Treatment Systems: Is-	W74-13270 7-24 2I	Abundance of Bacteria in the Water of 5 Masu-
sues in and Approaches to Impact Analysis,	POLISH ACADEMY OF SCIENCES, KRAKOW.	rian Lakes, W74-02556 7-05 5C
W74-05241 7-10 6B	INSTYTUT BOTANIKI. Diatoms of the Upper Course of the Stream	The Effect of Temperature on the Generation
PITTSBURGH UNIV., PA. GRADUATE CENTER FOR PUBLIC WORKS	Sanka (Cracow-Czestochowa Upland), (In Polish),	Time of a Bacterial Community in Lake Water,
ADMINISTRATION.	W74-01258 7-03 2I	W74-02557 7-05 5B
The Effects of Strip Mining Upon Navigable Waters and Their Tributaries: Discussion and	POLISH ACADEMY OF SCIENCES, KRAKOW.	Morphological Variation of Keratella cochlearis
Selected Bibliography. W74-00725 7-02 5C	ZAKLAD BIOLOGII WOD. The Zooplankton of a Carp Pond Under Condi-	(Gosse) (Rotatoria) in Several Masurian Lakes of Different Trophic Level, W74-04696 7-09 5C
PITTSBURGH UNIV., PA. GRADUATE	tions of Continuous Filling, W74-00099 7-01 8I	
SCHOOL OF BUSINESS. Applicability of Programming Models to Pricing	Occurrence and Cumulation of Microcom-	Spatial Differentiation Abundance of Bacteria in the Water of Mikolajskie Lake,
and Risk Control in Water Resource Manage-	ponents in Bottom Sediments of Dam Reser-	W74-05051 7-10 5C
ment, W74-06104 7-12 6A	voirs of Southern Poland, W74-01565 7-03 5B	Leech Communities (Hirudinea) in the Mazuri-
On Taxation as a Pollution Control Policy,	The Spreading of Heavy Metals in Flowing	an and Bialystok Regions and the Pomeranian Lake District,
W74-09049 7-17 5G	Waters in the Region of Occurrence of Natural	W74-07542 7-14 5C

POLLUTION CONTROL ENGINEERING, INC.,

Apparatus for Treating Waste Fluids by Means

DOWNEY, CALIF. (ASSIGNEE).

of Radioactive Contamination of the Water and

7-04 SC

7-09 2J

PORTLAND STATE UNIV., OREG.

Yukon Territory,

W74-04371

Rates of Mass Wasting in the Ruby Range,

7-04 5C

X-Rays, W74-02066

POLISH ACADEMY OF SCIENCES, WARSAW. INST. OF ECOLOGY.

Population Density, Biomass and Maximum

Natality Rate and Food Conditions in Ligidium

Hypnorum L. (Isopoda),

W /4-0/390 /-14 01	W74-04719 7-09 5D	Chronic Effect of Strontium-90 + Yttrium-90
Long-Term Changes in the Plankton of	Apparatus for Treating Waste Fluids by Means	on the Frequency of Chromosomal Aberrations in the Embryonal Cells of the Atlantic Salmon,
Eutrophic Mikolajskie Lake as an Effect of Ac- celerated Eutrophication,	of Dissolved Gases,	W74-02067 7-04 5C
W74-11482 7-22 5C	W74-09721 7-18 5D	Effect of X-Irradiation on the Gametes and
Spatial and Time Changes of Some Environ- mental Factors in the Pelagial of Mikolajskie	POLLUTION RECOVERY SYSTEMS, OKLAND, CALIF.	Embryonal Cells of the Atlantic Salmon, W74-02068 7-04 5C
Lake,	Oil/Water Separation and Recovery System,	Radiometric and Dosimetric Characteristics of
W74-12155 7-23 2H	W74-12451 7-23 5G	Experiments for Determining the Influence of
POLISH ACADEMY OF SCIENCES, WARSAW. INST. OF ECOLOGY; AND POLISH ACADEMY	POLLUTION RESEARCH LAB., STEVENAGE (ENGLAND).	Radioactivity of a Water Medium on the Development of Eggs of the Atlantic Salmon, W74-02069 7-04 5C
OF SCIENCES, WARSAW. DEPT. OF HYDROBIOLOGY.	A Theoretical Study of Factors Influencing the Microbial Population Dynamics of the Ac-	
Field Experiment on the Factors Controlling	tivated-Sludge Process - I. The Effects of Diur-	Active Phase of Assimilation of Plutonium-239 By the Marine Algae Ascophyllum nodosum,
Primary Production of the Lake Plankton and Periphyton,	nal Variations of Sewage and Carnivorous Ciliated Protozoa,	W74-04178 7-08 5C
W74-05056 7-10 5C	W74-02996 7-06 5D	Photosynthesis and the Mechanism of the Ac-
POLISH ACADEMY OF SCIENCES, WARSAW.	POLSKIE TOWARZYSTWO PRZYRODNIKOW	tion of Cyanide on Cell Respiration and Plu- tonium-239 Accumulation by Marine Algae,
INST. OF EXPERIMENTAL BIOLOGY. Rare and New Species of Rotifers in the Fauna	IM. KOPERNIKA, KRAKOW. Lake Bull Trout,	W74-04179 7-08 5C
of Poland,	W74-13366 7-24 2H	Radiation Reaction of the Adenohypophysis-
W74-00970 7-02 2I	POLSKIE TOWARZYSTWO PRZYRODNIKOW	Gonads System in Cold-Blooded Animals, W74-04180 7-08 5C
Freshwater Fauna and Flora in Haswell Island	IM. KOPERNIKA, WARSAW.	W74-04180 7-08 5C
(Queen Mary Land, Eastern Antarctica),	Protection of Saprophytes as the Main Factor	Effect of X-Irradiation on the Incorporation of
W74-08107 7-15 2I	in a Program for Protection of Water Environ- ments, (In Polish),	Glycine-C14 in the Tissue of Atlantic Salmon Larvae,
Distribution of Cyclopoida Copepodites in the	W74-04297 7-08 5G	W74-04181 7-08 5C
Resting Stage in Bottom Sediments of Astatic Reservoirs.	Reasons for Criticism of the System of	Natural Radiation Loads on the Eggs of Marine
W74-12236 7-23 2H	Saprobionts, W74-12711 7-23 5B	and Fresh Water Organisms, W74-04182 7-08 5C
POLISH ACADEMY OF SCIENCES, ZABRZE.		
ZAKLAD BADAN NAUKOWYCH	POLSKIE TOWARZYSTWO PRZYRODNKOW	POLYTECHNIC INST. OF BROOKLYN, N.Y. Water Reuse in Industry, Part 5 The Water
GORNOSLASKIEGO OKREGU PRZEMYSŁOWEGO.	IM KOPERNIKA, WARSAW. Water Pollution and Biology, (In Polish),	Pollution Control Act: Reaching Toward Zero
The Gas-Chromatographic Determination of	W74-07020 7-13 5B	Discharge,
Some Lignin Compounds in Surface Waters	BOLVABANI NALICUNO ICCI PROVATPI CVII	W74-00798 7-02 5D
(Die gaschromatographische Bestimmung	POLYARNYI NAUCHNO-ISSLEDOVATELSKII I PROEKTNYI INSTITUT MORSKOGO	Power, Fresh Water, and Food From Cold,
einiger Ligninverbindungen in Oberflaechen-	RYBNOGO KHOZYAISTVA I OKEANOGRAFII,	Deep Sea Water, W74-02254 7-05 3B
gewaessern), W74-08433 7-16 5A	MURMANSK (USSR).	W 74-02234 7-03 3B
	Accumulation of Radioactive Isotopes by the Developing Eggs of the Atlantic Salmon,	A Statistical Approach to Dynamic Modeling
POLITEKHNICHESKII INSTITUT, LENINGRAD (USSR).	W74-02060 7-04 5C	and Control of Water Distribution Systems, W74-02673 7-06 4A
Water Management in Finland (Vodnoye khozyaystvo Finlyandii).	Development of Atlantic Salmon Eggs Under	POMEROY, JOHNSTON AND BAILEY,
W74-02754 7-06 6B	Conditions of Radioactive Contamination of	PASADENA, CALIF.
	Water by Strontium-90 - Yttrium-90 and Ceri- um-144.	Problems of Water-Quality Standards in the Management of Ground-Water Basins,
POLLUTECH POLLUTION ADVISORY SERVICES LTD., OAKVILLE (ONTARIO).	W74-02061 7-04 5C	W74-06368 7-12 5B
Nutrient Control in Sewage Lagoons. W74-08395 7-16 5D	Some Data on the Dependence of Dose Effect	PORT OF MIAMI, FLA.
W /4-08393 /-16 3D	for Eggs of Atlantic Salmon, W74-02062 7-04 5C	Private Compensation for Injuries Sustained by
Chemical Dosage Control for Phosphorus Removal.		the Discharge of Oil from Vessels on the Navigable Waters of the United States: A Sur-
W74-08400 7-16 5D	Development of Fish Eggs and the Early Period of Gametogenesis in the Embryos and Larvae	vey,
N	of the Atlantic Salmon Under Conditions of	W74-03378 7-07 5G
Nutrient Control in Sewage Lagoons, W74-10043 7-19 5D	Radioactive Contamination of Water, W74-02063 7-04 5C	PORT OF SINGAPORE AUTHORITY. Sea Pollution in Singapore,
POLLUTION ABSTRACTS, INC., LA JOLLA,		W74-08475 7-16 5B
CALIF.	Histogenesis and Functioning of the Hypophy- sis and Thyroid Gland in the Larvae of Atlantic	PORTLAND GENERAL ELECTRIC CO., OREG.
Technical and Scientific Journals, W74-03045 7-06 10C	Salmon Exposed to Ionizing Radiation,	Environmental Aspects of the Power Industry,
	W74-02064 7-04 5C	W74-06111 7-12 6G
POLLUTION CONTROL AND WASTE DISPOSAL, INC., NEW ORLEANS, LA.	Effect of Strontium-90 + Yttrium-90 on the Development and Functioning of the Hatching	Nuclear Power and Public Opinion, W74-11656 7-22 5G
		50

Glands in Atlantic Salmon,

Change in Peripheral Blood in the Embryos and

Larvae of Atlantic Salmon Under the Influence

W74-02065

7-24 5B

siana. W74-13340

Design, Drilling and Completion, Operation,

and Cost of Underground Waste Disposal

Wells in Gulf Coast Region of Texas and Loui-

PRINCETON UNIV., N.J. WATER RESOURCES

PROCESS RESEARCH, INC., CAMBRIDGE,

PROCESSES RESEARCH, INC., RESEARCH

PROCTER AND GAMBLE CO., CINCINNATI,

TRIANGLE PARK, N.C. INDUSTRIAL

PLANNING AND RESEARCH.

New Analytical Solutions for Dye Diffusion

Selective Nutrient Removal from Secondary

Air Pollution from Fuel Combustion in Sta-

PROGRAM.

MASS.

7-15 2I

7-17 5G

7-07 2I

Equations.

W74-11021

Effluent.

W74-04045

tionary Sources.

W74-12640

PORTSMOUTH POLYTECHNIC (ENGLAND).

Tricladium varium, An Aquatic Hyphomycete

ORTSMOUTH WATER DELT.,
Forest Management on the Watershed,
7-06 4C

POTOMAC ENGINEERING AND SURVEYING

PRAGUE DEPT. OF WATER TECHNOLOGY

The Structure of Saprobic Communities,

CO., PETERSBURG, W. VA.
Feasibility Study of a New Surface Mining

DEPT. OF BIOLOGICAL SCIENCES.

PORTSMOUTH WATER DEPT., VA.

Method 'Longwall Stripping,'

W74-08011

W74-09060

W74-03746

(CZECHOSLOVAKIA).

on Wood in Water-Cooling Towers,

(ENGLAND).

W74-13316

W74-05510

W74-09260

7-08 5D

7-23 5G

POLILITION CONTROL.

PUBLIC HEALTH LAB. SERVICE, LEEDS

PUBLIC HEALTH SERVICE, CINCINNATI,

OHIO. DIV. OF WATER SUPPLY AND

Quaternary Ammonium Compounds,

tional Conference on Water Pollution.

PUBLIC HEALTH SERVICE, WASHINGTON,

Pollution of a Storage Reservoir by Roosting

The Germicidal Efficiency of Silver, Iodine and

Clean Water--A Challenge to the Nation,

Highlights and Recommendations of the Na-

7-11 5F

7-18 5G

		OHIO.		
PRC SYSTEMS SCIENCES CO., N	ICLEAN, VA.	Skip-Lot Sampling Plans,		PUBLIC INTEREST ECONOMICS CENTER,
Support in the Overall Design I	Development of	W74-00627	7-02 7C	WASHINGTON, D.C.
a National Water Data Exchang	e (NAWDEX),			Who Bears the Cost of Pollution Control. The
Executive Summary,		Two-Level Skip-Lot Sampling	Plans - Operat-	Impact on the Distribution of Income of
W74-06350	7-12 7C	ing Characteristic Properties,		
11 7 7 00330	1-12 10	W74-03291	7-07 7C	Financing Federally Required Pollution Con-
PRECISION PLUMBING PRODUC	CTS. INC			trol,
PORTLAND, OREG. (ASSIGNEE)		PROCTER AND GAMBLE CO., C	INCINNATI.	W74-12781 7-24 6C
Priming Unit for Distributing Pr		OHIO. ENVIRONMENTAL WATE		
Multiple Sewer Line Water Trap		RESEARCH DEPT.		PUBLIC POWER CORP., ATHENS (GREECE).
W74-09732	7-18 5D	Biodegradability of Nonionic	Surfactante:	Economic Evaluation and Determination of
W /4-09/32	7-18 3D	Screening Test for Predicting		Plant Capacity and Dam Height.
PRESTON (D. R.), HOLTS SUMM	IT MO		Rate and Utti-	W74-07305 7-14 8A
		mate Biodegradation,	mai en	W 14-01303
Regional Water and Sewer Plan	, The Mid-Mis-	W74-00269	7-01 5B	PUBLIC WORKS RESEARCH INST., TOKOYO
souri Region.		Determent Developments and T	hair Immed an	
W74-05238	7-10 5D	Detergent Developments and T	neir impact on	(JAPAN).
		Water Quality,		Ultrasonic Measurement of Discharge in
PRETORIA UNIV. (SOUTH AFRI	CA).	W74-01807	7-04 5C	Rivers,
Water Quality Control,				W74-11528 7-22 7B
W74-06603	7-13 5G	PROCTOR AND GAMBLE CO., C		
		OHIO. IVORYDALE TECHNICAL		PUBLISHERS PAPER CO., OREGON CITY,
PRETORIA UNIV. (SOUTH AFRI	CA). DEPT. OF	Automated Method for Orth	o-, Ortho-plus	OREG.
MICROBIOLOGY.		Hydrolyzable and Total Phospi	hate in Surface	Water Quality Control Program at Publishers
Method for Routine Culturing of	Strict Anaero-	and Wastewaters.		
bic Bacteria.		W74-08208	7-16 5A	Paper Co.,
W74-04894	7-10 5A			W74-02275 7-05 5D
W 74-04834	7-10 JA	PROCTOR AND REDFERN, TOR	ONTO	
PRETORIA UNIV. (SOUTH AFRI	CA) DEPT OF	(ONTARIO).		PUERTO RICO DEPT. OF PUBLIC WORKS,
ZOOLOGY.	CA). DEI I. OI	Direct-Filtration Studies for	Metropolitan	SAN JUAN. AREA OF NATURAL RESOURCES.
		Toronto.	Metropontan	Puerto Rico: A Case Study of Water Resource
Short-Term Response in Ungul		W74-10928	7-21 5D	Technology Transfer,
Rainfall in the Nossob River	of the Kalahari	W /4-10928	1-21 3D	W74-00197 7-01 10A
Gemsbok National Park,		BRODODITE LTD CUBBEV (EN	CLAND	1111017
W74-07535	7-14 2I	PRODORITE LTD., SURREY (EN	GLAND).	PUERTO RICO NUCLEAR CENTER,
		Corrosion Resistant Cements,		
PRINCE ALBERT PULP CO. LTD		W74-07887	7-15 8F	MAYAGUEZ.
(SASKATCHEWAN).				Distribution of ZN, FE, MN, and SR in Marine
A Practical and Trouble-Free Se	wer Spill Moni-	PROIZVODSTVENNYI I NAUCH		Fishes of Different Feeding Habits,
tor,		ISSLEDOVATELSKII INSTITUT		W74-07801 7-15 5C
W74-07404	7-14 5D	INZHENERNYM IZYSKANIYAM		
		STROITELSTVE GOSSTROYA, N	MOSCOW	Trace-Element Interactions Between River
Waste Treatment Performance	Data at Prince	(USSR).		Water and Seawater.
Albert Pulp Company,		Surface-Groundwater Relations	hips in Central	W74-07805 7-15 5B
W74-10170	7-19 5D	Mongolia (Vzaimosvyaz' pove	erkhnostnykh i	713 32
		gruntovykh vod v Tsentral'noy		PUERTO RICO UNIV., MAYAGUEZ. DEPT. OF
PRINCETON UNIV. N.J. DEPT. O	F	W74-05561	7-11 2A	CHEMICAL ENGINEERING.
ASTRONOMICAL PHYSICS.		11 /4-03301	7-11 2A	
The Great Atlantic Coast Tide	s of 5-8 March	PROJECT PLANNING ASSOCIAT	FES LTD.	Treatment of Liquid Wastes from Cane Sugar
1962.	of 5-6 March	TORONTO (ONTARIO).		Industry,
W74-03099	7-06 2J	Vacuum Sewer Systems for No	othora Applica	W74-12865 7-24 5D
W /4-03099	7-06 ZJ		rtnern Appuca-	
PRINCETON UNIV., N.J. DEPT.	OF CIVIL AND	tions,		PUERTO RICO UNIV., MAYAGUEZ. DEPT. OF
GEOLOGICAL ENGINEERING.	of CIVIL AND	W74-10174	7-19 5D	CIVIL ENGINEERING.
	0:	BROWINGS COLL B I DEBT	OP	Effects of Salinity and Suspended Sediment on
A Galerkin-Finite Element		PROVIDENCE COLL., R.I. DEPT	. Or	Turbulent Diffusion of Pollutant in Puerto
Groundwater Contamination o	Long Island,	BIOLOGY.		Rico.
New York,		Lipopolysaccharide from a	Gram-Negative	
W74-02772	7-06 5B	Marine Bacterium,		W74-09362 7-18 5B
		W74-04896	7-10 5A	PUERTO RICO UNIV., MAYAGUEZ, DEPT. OF
Galerkin Approximation of the				
		PROYECTO MINERO, QUITO (E	CHADOD)	GEOLOGY.
in the Finite Element Analysis	of Groundwater			
Flow,		A Note on the Hot Springs of E	cuador,	Measuring Volumes of Sedimentary Grains,
	7-21 2F			Measuring Volumes of Sedimentary Grains, W74-04056 7-08 2J

PUERTO RICO UNIV., MAYAGUEZ. DEPT. OF MARINE SCIENCES.

UERTO RICO UNIV., MAYAGUEZ. DEPT. OF	PURDUE UNIV., LAFAYETTE, DEPT. OF	Flux-Gradient Relationships and Soil-Water
ARINE SCIENCES.	ANIMAL SCIENCE. Fecal Elimination of Estrogens by Cattle	Diffusivity from Curves of Water Content Versus Time,
Wave Period and the Swash Zone Energy Balance,	Treated with Diethylstilbestrol and Hexestrol,	W74-07512 7-14 2G
W74-04622 7-09 2J	W74-11245 7-21 5B	
	PURDUE UNIV., LAFAYETTE, IND.	A Simple Digestion Procedure for Estimation
Temporal and Depth Study of Alkaline Earth Chlorinity Ratios in Seawater at a Single Sta-	Resource Allocation in a Non-Convex Econo-	of Total Nitrogen in Soils and Sediments, W74-08324 7-16 5B
tion South of Puerto Rico,	my,	W /4-08324 /-10 3B
W74-05457 7-11 5B	W74-01829 7-04 6B	Controlled Instantaneous Application of Free
	Form and Fluvial Processes in Alluvial Stream	Water to a Porous Surface,
Investigation of the Biology and Control of	Channels,	W74-08883 7-17 2G
Noxious Coelenterates Occurring in the Coastal Waters of Puerto Rico,	W74-05819 7-11 2E	Effect of Acidity on Reactions of Organic
W74-07480 7-14 2L		Acids and Amines with Montmorillonitic Clay
	Spectral Analysis and Its Application to Hydrologic Time Series of Lower Ohio Tribu-	Surfaces,
UERTO RICO UNIV., MAYAGUEZ. DEPT. OF UCLEAR ENGINEERING.	taries.	W74-10244 7-19 5B
Mathematical Model of Tritiated and Stable	W74-05820 7-11 2A	Preservation of Soil Samples for Inorganic
Water Movement in an Old-Field Ecosystem.	I-1: 1050 1070: Tife Tebles for the 14	Nitrogen Analyses,
W74-07812 7-15 5B	Indiana 1950-1970: Life Tables for the 14 Economic Regions and Analysis with Measures	W74-10334 7-19 2G
HERTO RICO UNIV. MAVACUEZ WATER	of Medical Care,	Determination of Class Southern Acidity by In
UERTO RICO UNIV., MAYAGUEZ. WATER RESOURCES RESEARCH INST.	W74-05952 7-12 6B	Determination of Clay Surface Acidity by In-
Estuaries, Bays and Coastal Currents Around	Public Assessment Educational and Informa-	frared Spectroscopy, W74-10643 7-20 2G
Puerto Rico,	Public AcceptanceEducational and Informa- tional Needs,	177-100-5
W74-00832 7-02 7C	W74-05986 7-12 5D	Soil-Water Regimes in Brookston and Crosby
Comparative Analysis of Residential Water		Soils,
Use in Puerto Rico,	PURDUE UNIV., LAFAYETTE, IND. AGRICULTURAL EXPERIMENT STATION.	W74-11899 7-22 2G
W74-03324 7-07 6D	Effect of Portland Cement on Soil Aggregation	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF
	and Hydraulic Properties,	BIOCHEMISTRY.
Human Factors Involved in the Development	W74-01576 7-03 2G	Photosynthetic Reactions and Components of
of a Watershed in Yabucoa, W74-03325 7-07 6B	Determination of Total Phosphorous in Soils: A	Thylakoids,
174-03323	Rapid Perchloric Acid Digestion Procedure,	W74-12566 7-23 5C
PUERTO RICO UNIV., MAYAQUEZ. DEPT. OF	W74-11273 7-21 2G	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF
CIVIL ENGINEERING.		CHEMISTRY.
Relationship Between BOD Removal and LAS Detergent Removal in Wastewater Treatment	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF	Glass Transition with Negative Change in Ex-
Systems,	AGRICULTURAL ECONOMICS. Cost Sharing for Recreation: Efficiency and	pansion Coefficient,
W74-08939 7-17 5D	Equity,	W74-03741 7-07 1B
WILLIAM CONCURSION OF THE PROPERTY OF	W74-07307 7-14 6B	Design and Evaluation of a Vidicon Scanning
PUNJAB AGRICULTURAL UNIV., LUDHIANA INDIA).	Systematic Development of Methodologies in	Spectrometer for Molecular Absorption and
The Influence of Fertilizers and Irrigation on	Planning Urban Water Resources for Medium	Atomic Emission Spectrometry,
Growth and Yield of Sweet Potato,	Size Communities: Economic and Environmen-	W74-11394 7-21 5A
W74-01989 7-04 3F	tal Impacts of Surface Runoff Disposal	X-Ray Photoelectron Spectra of Lead Oxides,
PUNJAB AGRICULTURAL UNIV., LUDHIANA	Systems,	W74-12498 7-23 5A
INDIA). DEPT. OF HORTICULTURE.	W74-10397 7-20 6A	
Studies on the Influence of Irrigation and Dif-	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF	PURDUE UNIV., LAFAYETTE, IND., DEPT. OF
ferent Doses of N, P and K on the Flowering	AGRICULTURAL ENGINEERING.	ECONOMICS. A Regional Planning Model for Water Quality
Behaviour and Absorption of Nutrient Ele-	Movement of Pollutant Phosphorus in Satu-	Control.
ments in Muskmelon (Cucumis melo L.),	rated Soils, W74-00392 7-01 5B	W74-05390 7-10 5B
W74-08144 7-15 3F	W 74-00392	
PUNJAB AGRICULTURAL UNIV., LUDHIANA	Upslope Erosion Analysis,	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF
INDIA). DEPT. OF SOILS.	W74-03799 7-08 2J	ELECTRICAL ENGINEERING. Multiple-Objective Optimization in Water
Effect of Nitrogen and Phosphorus at Two	Simulation of the Hydrology of Ungaged	Resource Systems,
Moisture Levels on the Status of the Available Zn, Cu, Mn and Fe in the Soil,	Watersheds,	W74-05936 7-11 6A
W74-10918 7-21 5B	W74-05403 7-11 2A	
	Simulation Model to Study the Utilization of	PURDUE UNIV., LAFAYETTE, IND. DEPT. OF
PUNJAB AGRICULTURAL UNIV., LUDHIANA	Waste Heat Using a Combination Multiple	ENTOMOLOGY. Biota of Freshwater Ecosystems Identification
(INDIA). DEPT. OF ZOOLOGY ENTOMOLOGY. Food and Feeding Habits of Mahaseer, Tor Tor	Reservoir and Greenhouse Complex,	Manual No. 10 Genera of Freshwater Ne-
(Hamilton),	W74-09925 7-19 5D	matodes (Nematoda) of Eastern North Amer-
W74-13369 7-24 2I	Effects of Particle Size on the Aerobic Treat-	ica,
	ment of Animal Waste,	W74-00563 7-02 2I
PUNJAB UNIV., CHANDIGARH (INDIA).	W74-10142 7-19 5D	Enhancement of the Sensitivity and Selectivity
Morphogenetic Study of Terminal Triangular Tract of Inland Streams in Sutlei Yamuna	The Performance of Primary Settling on	of the Coulson Electrolytic Conductivity De-
Plain,	Livestock Feedlot Runoff,	tector to Chlorinated Hydrocarbon Pesticides,
W74-10052 7-19 2E	W74-10146 7-19 5D	W74-02413 7-05 5A

PURDUE UNIV., LAFAYETTE, IND. DEPT. OF

Removal in Aquatic Systems,

Denitrification as a Pathway for Nitrate

7-13 5B

AGRONOMY.

W74-06612

7-04 5C

21

7-13 5B

PURDUE UNIV., LAFAYETTE, IND. DEPT. OF

Stormwater Runoff Quality for Urban and

ENVIRONMENTAL ENGINEERING.

Semi-Urban/Rural Watersheds,

W74-06851

OF ZOOLOGY.

W74-01778

PUNJAB UNIV., CHANDIGARH (INDIA). DEPT.

the Plankton of the Nangal Lake,

Effect of Certain Physiocochemical Factors on

Turbulent Diffusion in Liquid Jets: Final Re-

Turbulent Diffusion in Liquid Jets: Part I, Mea-

surement of Particle Concentration by a Light

Nitrogen Uptake Efficiency by Four Plant Spe-Nitrogen Uptake Efficiency 5, 1 cies in the Field and Growth Chamber,
7-11 5B

Evaporation, Infiltration and Rainfall-Runoff

PURDUE UNIV., LAFAYETTE, IND. WATER

RESOURCES RESEARCH CENTER.

port, W74-10195

W74-10196

Scattering Probe,

7-11 2L

PURDUE UNIV., LAFAYETTE, IND. DEPT. OF

PURDUE UNIV., LAFAYETTE, IND. DEPT. OF

Influence of Hydrogen Fluoride Fumigation on

Influence of Hydrogen Fluctures, the Water Economy of Soybean Plants, 7-11 3F

Identification of Agricultural Crops by Com-

PURDUE UNIV., LAFAYETTE, IND. LAB. FOR

APPLICATIONS OF REMOTE SENSING.

A Wave and Current Investigation in the Nearshore Zone,

GEOSCIENCES.

W74-05699

HORTICULTURE.

QUIRK, LAWLER AND MATUSKY ENGINEERS, TAPPAN, N.Y.

Anhydrous Formic Acid,

OF PURE SCIENCES.

W74-00633

W74-02896

W74-00973

QUEBEC UNIV., RIMOUSKI (QUEBEC). DEPT.

QUEEN MARY COLL., LONDON (ENGLAND).

in the Presence of Non-Condensing Gases,

Free Convection Film Condensation of Steam

List of the Gastropods of the St. Lawrence

River in the Region of Gentilly, (In French),

DEPT. OF MECHANICAL ENGINEERING.

QUEEN'S UNIV., KINGSTON (ONTARIO).

Polarographic Study of Calomel Electrode in

7-02 2K

7-06 8B

puter Processing of ERTS MSS Data,	Evaporation, Infiltration and Rainfall-Runoff	W74-00973 7-02 21
W74-01688 7-04 3F	Processes in Urban Watersheds, W74-05405 7-11 2A	QUEEN'S UNIV., KINGSTON (ONTARIO).
Identification and Mapping of Soils, Vegeta-	W /4-03403 /-11 ZA	COASTAL ENGINEERING RESEARCH LAB.
tion, and Water Resources of Lynn County,	Estimating Reservoir Recreational Vists in In-	A New Oscillating Water Tunnel,
Texas by Computer Analysis of ERTS MSS	diana,	W74-02160 7-05 2J
Data,	W74-12196 7-23 6B	A Shear Plate for Use in Oscillatory Flow,
W74-01689 7-04 3F	Upper Wabash Simulation Model. Program	W74-02161 7-05 2E
Recognition of Surface Lithologic and Topo-	Documentation and Extension.	
graphic Patterns in Southwest Colorado with	W74-12197 7-23 4A	QUEEN'S UNIV., KINGSTON (ONTARIO).
ADP Techniques,		DEPT. OF BIOLOGY. Dispersion and Transport of Rhodamine B Dye
W74-02562 7-05 7B	PURDUE UNIV., LAFAYETTE, INDIANA,	and Methoxychlor in Running Water: A
	DEPT. OF FORESTRY AND CONSERVATION.	Preliminary Study,
Preparation of Urban Land Use Inventories by	Factors Controlling the Dynamics of Non-Ionic Synthetic Organic Chemicals in Aquatic En-	W74-00279 7-01 5B
Machine-Processing of ERTS MSS Data, W74-06637 7-13 4A	vironments.	
W/4-0003/ /-13 4A	W74-07831 7-15 5B	Chlorophyll, Nitrogen, and Photsynthetic Pat-
PURDUE UNIV., LAFAYETTE, IND. SCHOOL	7-13 35	terns During Growth and Senescence of Two Blue-Green Algae.
OF CHEMICAL ENGINEERING.	PUSAN FISHERIES COLL. (REPUBLIC OF	W74-04884 7-10 5C
Dispersion During Flow in Porous Media with	KOREA).	
Bilinear Adsorption,	Diseases of the Cultivated Porphyra at Culture	Oxygen Consumption and Activity of the White
W74-00367 7-01 5B	Beds with Special Reference to the Effects of Fertilizer Plant Effluents (In Korean),	Sucker (Catostomus Commersoni), In Lethal
An Experimental Study of Immiscible Dis-	W74-05618 7-11 5C	and Nonlethal Levels of the Organochlorine In- secticide, Methoxychlor,
placement with an Unfavorable Mobility Ratio	7-11 50	W74-11320 7-21 5C
in Porous Media,	Mass Production of Rotifers for the Culture of	
W74-07524 7-14 2F	Fish and Some Shrimp Larvae (In Korean),	QUEEN'S UNIV., KINGSTON (ONTARIO).
Determination of Dispersion and Nonlinear Ad-	W74-13405 7-24 2H	DEPT. OF CIVIL ENGINEERING.
sorption Parameters for Flow in Porous Media,	PYE RESEARCH CENTER, STOWMARKET	The Turbulent Temperature Mixing Layer, W74-02162 7-05 8B
W74-12299 7-23 2G	(ENGLAND).	W 14-02102 1-03 6B
	Relations Between Soil Water Potential and	QUEENS COLL., FLUSHING, N.Y. DEPT. OF
Matrix Properties of Porous Media,	Disease in Wheat Seedlings Infected by Puc-	BIOLOGY.
W74-12813 7-24 2F	cinia recondita,	Patterns of Radiocarbon Uptake by a Thermo-
Pore Structure and Flow Properties of Porous	W74-04653 7-09 3F	philic Blue-Green Alga Under Varying Condi- tions of Incubation,
Media,	QUACHITA BAPTIST UNIV., ARKADELPHIA,	W74-02972 7-06 5C
W74-12814 7-24 2F	ARK.	W14-02512
BURBUR UNIV. 1 ARABERTS IND COMOSI	Distribution of Trace Metals in a Warm Water	QUEENSLAND UNIV., BRISBANE
PURDUE UNIV., LAFAYETTE, IND. SCHOOL OF CIVIL ENGINEERING.	Release Impoundment,	(AUSTRALIA). DEPT. OF BOTANY.
Generation Models for Synthetic Annual and	W74-09801 7-19 2H	Water Use by Perennial Evergreen Plant Com- munities in Australia and Papua New Guinea,
Monthly Flows for Some Indiana Watersheds,	QUEBEC DEPT. OF SOCIAL AFFAIRS.	W74-01634 7-03 2D
W74-07431 7-14 2A	A Preliminary Evaluation of a Discrete Sample	
	Analyzer for Chemical Analysis of Water.	QUEENSLAND UNIV., BRISBANE
A Computer Atlas of Hydrologic and Geomorphologic Data for Small Watersheds in	W74-10936 7-21 5A	(AUSTRALIA). DEPT. OF MICROBIOLOGY. Utilization of Iron Gallate and Other Organic
Indiana,		Iron Complexes by Bacteria from Water Sup-
W74-07432 7-14 2A	QUEBEC MINISTERE DE L'AGRICULTURE ET	plies.
	DE LA COLONISATION, BUCKINGHAM. Delays in the Operation of Subsurface	W74-00660 7-02 5B
A Rainfall-Runoff Model Based on the	Drainage Trenching Machines,	Advantise of Collected Vision by Don't
Watershed Stream Network, W74-07464 7-14 2A	W74-09794 7-18 8C	Adsorption of Colloidal Iron by Bacteria, W74-01253 7-03 5B
W /4-U /464 /-14 2A		W/4-01233 /-03 3B
Application of Seasonal Parametric Linear	QUEBEC MINISTERE DE L'AGRICULTURE ET	QUINAULT INDIAN RESERVATION,
Stochastic Models to Monthly Flow Data,	DE LA COLONISATION. DIV. OF SOILS. Interaction of Temperature and Moisture on	TAHOLAH, WASH. QUINAULT RESOURCE
W74-10053 7-19 6A	Iron and Manganese Availability in Soils.	DEVELOPMENT PROGRAM.
PURDUE UNIV., LAFAYETTE, IND. SCHOOL	W74-10913 7-21 2G	Impact of Forest Management Practices on the Aquatic Environment.
OF MECHANICAL ENGINEERING.	1171013	W74-12355 7-23 5C
Thermal Interaction of two Streams in Bounda-	QUEBEC MINISTERE DE L'INDUSTRIE ET DU	
ry-Layer Flow Separated by a Plate,	COMMERCE. SERVICE RECHERCHE ET	QUIRK, LAWLER AND MATUSKY
W74-04236 7-08 8B	DIRECTION PECHES MARITIMES. Towards an Objective Analysis of the Seasonal	ENGINEERS, TAPPAN, N.Y. Generalized Simulation Models for Mas-
Instability of Water Cooled from Above,	Thermocline.	sachusetts Streams,
W74-07458 7-14 2H	W74-08691 7-16 2E	W74-04118 7-08 5B
		OR-201

Economic Guidelines for Analysis of Joint In- dustrial-Municipal Collection and Treatment	RANDSE AFRIKAANSE UNIVERSITEIT, JOHANNESBURG (SOUTH AFRICA). NAVORSINGSGROEP VARSWATERBIOL.	RECON SYSTEMS, INC., PRINCETON, N.J. Waste Oil Recycling and Disposal,
Systems, W74-05634 7-11 5D	An Investigation into Age and Length/Mass	W74-12215 7-23 5I
	Relationship of Tilapia Mossambica Peters	RED JACKET MFG. CO., DAVENPORT, IOWA
RACINE WATER DEPT., WIS. Valves, Hydrants, and Main Line Meters,	(Pisces: Chichlidae) in the Loskop Dam Reservoir, Eastern Transvaal,	(ASSIGNEE). Iron Removal Filter System,
W74-05014 7-10 5F	W74-09754 7-18 8I	W74-03002 7-06 51
	Notes on the Ratio Total Length/Scale Radius	RED VALVE CO., INC., CARNEGIE, PA.
RADIAN CORP., AUSTIN, TEX. Corrosion Resistant, Nonmetallic Water Well	of Tilapia Mossambica Peters	Pinch Valves Take Hold on the Industry,
Systems,	(Pisces:Cichlidae) in the Loskop Dam Reser- voir Eastern Transvaal,	W74-08363 7-16 8A
W74-10863 7-20 8G	W74-09768 7-18 8I	REGIONAL ENGINEERING COLL.,
RADIATION MANAGEMENT CORP.,	Notes on the Condition Factor for Tilapia mos-	ROURKELA (INDIA). DEPT. OF GEOLOGY.
PHILADELPHIA, PA.	sambica Peters (Pisces:Cichlidae) in Loskop	Determination of Average Grain Sphericity is
The Monitoring of Tritium in the Aquatic En-	Dam Reservoir, Eastern Transvaal,	Granular Porous Media, W74-10369 7-20 2
vironment of Power Reactors, W74-02015 7-04 5B	W74-09781 7-18 8I	
W/4-02013	RAYPAK CO. INC., WESTLAKE VILLAGE.	REGIONAL PLAN ASSOCIATION, N.Y. Waste Management: Generation and Disposa
RAFFINERIE TIRLEMONTOISE, BRUSSELS	CALIF (ASSIGNEE). Water Cleaning Treatment,	of Solid, Liquid and Gaseous Wastes in th
(BELGIUM). (ASSIGNES) Rotary Countercurrent Solid-Liquid Extraction	W74-04710 7-09 3A	New York Region,
Apparatus,		W74-09353 7-18 50
W74-13247 7-24 5D	RAYTHEON CO, PORTSMOUTH, R.I. ENVIRONMENTAL SYSTEMS CENTER.	REGIONAL RESEARCH LAB.
RAI RESEARCH CORP., LONG ISLAND CITY,	Selected Abstracts for Instrumentation and Au-	AGRICULTURAL RESEARCH SERVICE,
N.Y.	tomation of Wastewater Facilities,	BERKELEY, CALIF. Raman Spectra and Structure of Water from
Investigation of Treating Electroplaters Cya-	W74-10038 7-19 5D	10 to 90 (degrees C),
nide Waste by Electrodialysis,	RAYTHEON CO., PORTSMOUTH, R. I.	W74-13419 7-24 1
W74-06522 7-13 5D	OCEANOGRAPHIC AND ENVIRONMENTAL SERVICES.	REGIONAL SANITARY-EPIDEMIOLOGICAL
Improvement of Treatment of Food Industry	Quantitative Methods for Preliminary Design of	CENTER, VOLGOGRAD (USSR).
Waste,	Water Quality Surveillance Systems,	Survival Rate of Ascarid Eggs in the Soil an
W74-10544 7-20 5D	W74-06885 7-13 5A	Sediment of Sewage in Ooze Area in the Vol
RAJASTHAN UNIV. JAIPUR (INDIA).	Design of Cost-Effective Water Quality Sur-	gograd Region, (In Russian), W74-13362 7-24 50
Edaphic Factors and Wilt of Coriander,	veillance Systems, W74-08825 7-17 5A	
W74-03281 7-07 5C	W74-08825 7-17 5A	REGIONAL SCIENCE RESEARCH INST.,
RALPH STONE AND COMPANY, INC., LOS	Environmental Analysis of Ocean Dumping,	PHILADELPHIA, PA. Estimating the Benefits of Stream Valley an
ANGELES, CALIFORNIA.	W74-10977 7-21 5B	Open Space Preservation Projects,
Wastewater Reclamation: Socio-economics,	Rapid Coastal Bottom Water Temperature	W74-04500 7-09 6
Technology, and Public Acceptance.	Rises, W74-11901 7-22 2L	Effects of Urbanization on Stream Channel
W74-09662 7-18 5D		and Stream Flow,
RALSTON-PURINA CO., ST. LOUIS, MO.	READING UNIV. (ENGLAND).	W74-05534 7-11 46
Antagonistic Effect of Arginine on Zinc	Seasonal Changes in Population Density and Vertical Distribution of Prosobrance Veligers in	REGISTER AND CUMMINGS, ASHEVILLE,
Metabolism in Chicks, W74-07955 7-15 5C	Offshore Plankton at Plymouth,	N.C.
W14-07755	W74-03300 7-07 5C	Water and Sewer Study: Part 2 Plans and Programs, Summary Report Buncombe County
RAND CORP., SANTA MONICA, CALIF.	READING UNIV. (ENGLAND). DEPT. OF	North Carolina.
A Three-Dimensional Model for Estuaries and	GEOPHYSICS.	W74-03645 7-07 50
Coastal Seas: Volume I, Principles of Compu- tation.	Some Consequences of an Inertia of Turbu- lence in a Tidal Estuary,	REID CROWTHER AND PARTNERS LTD.,
W74-04301 7-09 2L	W74-01648 7-03 2L	CALGARY (ALBERTA).
Use of a Computational Model for Two-Dimen-	READING UNIV. (ENGLAND). DEPT. OF	Surface Aeration of Domestic Wastes Opera
sional Tidal Flow,	MATHEMATICS.	ing Experiences at Red Deer, Alberta, Sectio II,
W74-04631 7-09 2L	On the Vertical Structure of Tidal Flow in	W74-10172 7-19 51
The Application of Numerical Simulation	River Estuaries, W74-01205 7-03 2L	BEID MIDDLETON AND ACCOCIATES INC
Models in the Assessment of the Effect of		REID, MIDDLETON AND ASSOCIATES, INC., EDMONDS, WASH.; AND POLY SINTERING,
Discharges into Coastal Waters,	READING UNIV. (ENGLAND). DEPT. OF SOIL SCIENCE.	INC., SEATTLE, WASH. (ASSIGNEES).
W74-04674 7-09 5B	Is Phosphate Reduced to Phosphine in Water-	Floating Breakwater Pontoon,
Comments on Johnson's Paper, 'On the Wind-	logged Soils,	W74-04711 7-09 8
Driven Circulation of a Stratified Ocean',	W74-03523 7-07 2G	REILLY, LIKE AND SCHNEIDER, BABYLON,
W74-04675 7-09 2E	READING UNIV. (ENGLAND). DEPT. OF	N.Y.
Pseudocolor Transformation of ERTS Imagery,	ZOOLOGY.	Tuning Down the GNP, W74-03744 7-07 6
W74-06656 7-13 7C	Productivity of the River Thames at Reading, W74-04093 7-08 5C	
PAND WATER BOARD TOWANNESSURG		RENNSSELAER POLYTECHNIC INST., TROY
RAND WATER BOARD, JOHANNESBURG (SOUTH AFRICA).	READING UNIV. (ENGLAND). SEDIMENTOLOGY RESEARCH LAB.	N. Y. Aquatic Modeling in the Eastern Deciduou
The Effect of Pollution on the Vaal River Bar-	Development of Flute-Mark Assemblages: 1.	Forest Biome, U.SInternational Biologic
rage and the Quest for Water Quality,	Evolution of Pairs of Defects,	Program,
W74-06607 7-13 5B	W74-05726 7-11 2J	W74-06572 7-13 5

7-13 5C

RHODE ISLAND UNIV., KINGSTON. COASTAL RESOURCES CENTER.

RENSSELAER POLYTECHNIC INST., TROY,	Extruded Peat Cylinders: Their Physical	The Columbia River Treatry: The Economics
N.Y. Mass Spectrometry and Inhomogeneous Ion	Characteristics as Affecting Tree Seedling Growth and Greenhouse Drought Tolerance,	of an International River Basin Development, W74-05585 7-11 6E
Optics, W74-04475 7-09 5A	W74-07180 7-14 2I	Population Growth, Resource Availability and
Treatment of Laundromat Wastes,	Stream Gauging with Portable Equipment, W74-11516 7-22 7B	Environmental Quality, W74-05614 7-11 6B
W74-05109 7-10 5D	Laboratory Study of Scour at Channel Bends,	Application of Microeconomic Models to Re-
RENSSELAER POLYTECHNIC INST. TROY,	W74-12094 7-23 8B	gional Environmental Quality Management,
N.Y. DEPT. OF ENVIRONMENTAL	RESEARCH INST. FOR APPLIED	W74-05627 7-11 6A
ENGINEERING.	MECHANICS, FUKUOKA (JAPAN).	Fishery Problems and the U.S. Draft Article,
Protracted Recharge of Treated Sewage into Sand: Part IQuality Changes in Vertical	Shock Pressure of Breaking Wave, W74-03684 7-07 8B	W74-05650 7-11 6E
Transport Through the Sand,	RESEARCH INST. FOR LAND RECLAMATION	A Model of Irrigated Agriculture and Regional
W74-09095 7-17 5D	AND IMPROVEMENT, ZBRASLAV	Development in Southern Argentina: The Rio Negro Basin,
RENSSELAER POLYTECHNIC INST., TROY,	(CZECHOSLOVAKIA).	W74-07306 7-14 6A
N.Y. DEPT. OF GEOLOGY. Incorporation of Uranium in Modern Corals,	Flow of Water in Swelling Soil, W74-12831 7-24 2G	Residuals in Manufacture of Paper,
W74-03064 7-06 2K	RESEARCH INST. FOR SOIL MELIORATION	W74-07399 7-14 5B
Control and Distribution of Uranium in Coral	AND IRRIGATION, SZARVAS (HUNGARY).	Failure of Bribes and Standards for Pollution
Reefs During Diagenesis,	A Study of the Transpiration Increasing Effect	Abatement,
W74-04070 7-08 2K	of Wind, W74-11864 7-22 2D	W74-09240 7-17 5G
RENSSELAER POLYTECHNIC INST., TROY,	RESEARCH INST. FOR WATER RESOURCES	Bribes and Charges in Pollution Control: An
N.Y. FRESH WATER INST.	DEVELOPMENT, BUDAPEST (HUNGARY).	Aspect of the Coase Controversy, W74-09241 7-17 5G
Organic Nutrient Factors Effecting Algal Growths.	The Balance of Surface Water Resources in the Lower Mesopotamian Valley,	
W74-03326 7-07 5C	W74-02350 7-05 6B	RESOURCES FOR THE FUTURE, WASHINGTON, D.C.
RENSSELAER POLYTECHNIC INST., TROY,	Model Tests with Thin Sheets to Reduce	Desalted Seawater for Agriculture: It is
N.Y. FRESHWATER INST.	Evaporation,	Economical,
Perception of Water Quality by Select Respon-	W74-07103 7-14 3B	W74-06467 7-12 3A
dent Groupings in Inland Water-Based Recrea- tional Environments,	Problems in the Design of Measuring Struc-	Water Pollution: Economic Aspects and Research Needs.
W74-12287 7-23 5G	tures, W74-11507 7-22 7B	W74-08525 7-16 5G
RENTON CITY PLANNING DEPT., WASH.		REX CHAINBELT, INC., MILWAUKEE, WIS.
Final Environmental Impact Statement for	Estimation of Streamflow Under Ice Cover, W74-11512 7-22 2E	Industrial Water Pollution ControlAn Over-
Modification of a Boat Dock and Ramp. W74-03124 7-06 6G	Hydra IIAutomatic Digital Telemetering	view, W74-04028 7-08 5D
RENTON PLANNING DEP., WASH.	System,	REYNOLDS, SMITH AND HILLS,
Shoreline Management Inventory.	W74-11555 7-22 7B	JACKSONVILLE, FLA.
W74-00741 7-02 4A	RESEARCH INST. OF NATIONAL DEFENSE, SUNDBYBERG (SWEDEN). DEPT. OF	Utility Provisions Analysis for East Central
RESEARCH AND ADVISORY INST. FOR FIELD	PATHOLOGY.	Florida. W74-01480 7-03 6D
CROP AND GRASSLAND HUSBANDRY,	Toxicity for Cats of Methylmercury in Con- taminated Fish from Swedish Lakes and of	RHEINLAND-PFALZ, HYDROLOGICAL
WAGENINGEN (NETHERLANDS). Time-Tables as a Method to Record Changes in	Methyl-Mercury Hydroxide Added to Fish,	SERVICE, MAINZ (WEST GERMANY).
Plankton Composition,	W74-11711 7-22 5C	Determination of the BOD5 in Running Waters
W74-01010 7-02 7B	RESEARCH TRIANGLE INST., DURHAM, N.C.	by Means of Biological Water Analysis, W74-11546 7-22 5A
RESEARCH ASSOCIATION FOR THE PAPER	Fluorometric Quantitation of Gallium in Biological Materials at Nanogram Levels,	RHODE ISLAND UNIV., KINGSTON.
AND BOARD, PRINTING AND PACKAGING INDUSTRIES, LEATHERHEAD (ENGLAND).	W74-01344 7-03 2K	Development of the Freedom of Scientific
Effects of Raw Materials and Chemical Addi-	The Removal of Toxic Metals from Water by	Research Issue of the Third Law of the Sea
tives on Mill Effluent Losses, W74-12416 7-23 5D	Reverse Osmosis, W74-01906 7-04 5D	Conference, W74-02501 7-05 6E
		Application of Polarization Measurements in
RESEARCH ASSOCIATION FOR THE PAPER AND BOARD, PRINTING AND PACKAGING	RESOURCES FOR THE FUTURE, INC., WASHINGTON, D.C.	Tracing Techniques,
INDUSTRIES, LONDON (ENGLAND). PAPER	Impact of Irrigation Investments on Regional	W74-10203 7-19 5B
AND BOARD DIV.	and Urban Development, W74-01625 7-03 6B	RHODE ISLAND UNIV., KINGSTON. COASTAL
Water Usage in the British Paper and Board In- dustry,		RESOURCES CENTER.
W74-06383 7-12 5D	Comments on the Report of the National Water Commission,	Approaches to State Coastal Management, W74-02185 7-05 2L
RESEARCH COUNCIL OF ALBERTA,	W74-03174 7-06 6B	Rhode Island's Barrier Beaches: Volume II.
EDMONTON.	Aggregates and Externalities: Information	Reports and Recommendations at the Commu-
Application of Geochemistry to the Search for Crude Oil and Natural Gas,	Needs for Public Natural Resource Decision-	nity Level,
W74-07161 7-14 4B	Making, W74-03474 7-07 6B	W74-05033 7-10 2J
Source and Budget of Sulfate in Precipitation	Total Environmental Quality Management	Rhode Island's Barrier Beaches: Volume I, a Report on a Management Problem and as
from Central Alberta, Canada,	Models,	Evaluation of Options,
W74-07164 7-14 5B	W74-05398 7-10 5G	W74-05152 7-10 2L

RHODE ISLAND UNIV., KINGSTON. COASTAL RESOURCES CENTER.

Rhode Island's Ocean Sands: Management Guidelines for Sand and Gravel Extraction in	RHODE ISLAND UNIV., KINGSTON. DEPT. OF PLANT PATHOLOGY-ENTOMOLOGY. Bacterial Degradation of Petroleum Materials	RHODE ISLAND UNIV., KINGSTON. MARINE ADVISORY SERVICE. A Water Quality Problem in Lobster Holding
State Waters, W74-10437 7-20 5G	in Low Temperature Marine Environments,	Tanks,
DUODE ISLAND UNIV. VINCETON COLL OF	W74-08626 7-16 5B	W74-07983 7-15 81
RHODE ISLAND UNIV., KINGSTON. COLL. OF RESOURCE DEVELOPMENT; RHODE ISLAND UNIV., KINGSTON. DEPT. OF BOTANY.	Microbial Co-oxidation of Halogenated Aromatic Compounds,	RHODE ISLAND UNIV., KINGSTON. MARINE EXPERIMENT STATION.
The Salinity Gradient and Vegetation in the Saugatucket River Estuary,	W74-13057 7-24 5B	Nitrate and Nitrite Toxicity to Salmonic Fishes,
W74-12667 7-23 2L	RHODE ISLAND UNIV., KINGSTON. DEPT. OF RESOURCE ECONOMICS.	W74-12267 7-23 50
RHODE ISLAND UNIV., KINGSTON. DEPT. OF ANIMAL PATHOLOGY.	Economic Growth and the Generation of Waterborne Wastes,	RHODE ISLAND UNIV., KINGSTON. NARRAGANSETT MARINE LAB. The Atypical Phosphate Cycle of Estuaries in
Effect of Ozonation on Human Enteric Viruses in Water from Rhode Island Rivers,	W74-12782 7-24 5B	Relation to Benthic Metabolism, W74-03626 7-07 5C
W74-13056 7-24 5F	RHODE ISLAND UNIV., KINGSTON. GRADUATE SCHOOL OF OCEANOGRAPHY.	RHODES UNIV., GRAHAMSTOWN (SOUTH
RHODE ISLAND UNIV., KINGSTON. DEPT. OF BOTANY.	Association of Hydrocarbons and Mineral Par- ticles in Saline Solution,	AFRICA). DEPT. OF ZOOLOGY. Salinity and Temperature Tolerance of Zoeac
The Characeae of Southeastern United States,	W74-00265 7-01 5B	of the Portunid Crab Scylla Serrata,
W74-04879 7-10 5A	Partitioning of the Estuarine Environment by	W74-11950 7-22 50
RHODE ISLAND UNIV., KINGSTON. DEPT. OF CHEMICAL ENGINEERING.	Two Species of Cancer, W74-02717 7-06 2L	RHODES UNIV., GRAHAMSTOWN (SOUTH AFRICA). DEPT. OF ZOOLOGY AND
Treatment of Waste Water from Fish and Shell- fish Processing Plants,	Biological Effects of Ocean Disposal of Solid Waste,	ENTOMOLOGY. Determination of the Heat Capacity of Lake
W74-12346 7-23 5D	W74-03840 7-08 5C	Kariba, W74-02910 7-06 2F
Concentration of Industrial Waste by Direct	Species of Oceanic Dinoflagellates in the	RHODESIA UNIV., SAILSBURY. DEPT. OF
Osmosis, W74-13055 7-24 5D	Genera Dissodinium and Pyrocystis: Inter- clonal and Interspecific Comparisons of the	AGRICULTURE. A Self-Draining Subsurface Rainfall Conserva
RHODE ISLAND UNIV., KINGSTON. DEPT. OF	Color and Photon Yield of Bioluminescence, W74-04883 7-10 5B	tion System: Its Effect on the Soil Water Statu- and Productivity of Coastal Plains Sands,
CHEMICAL ENGINEERING, AND RHODE	Description of the Control	W74-02193 7-05 20
ISLAND UNIV., KINGSTON. DEPT. OF	Drowned and Buried Valleys on the Southern New England Continental Sheif,	PROVE POWER S.C. P. P. P. C. P. MCD.
MICROBIOLOGY. Effect of Temperature and Oxygen Pressure on	W74-05549 7-11 2J	RHONE-POULEN & S.A., PARIS (FRANCE). (ASSIGNEE)
Cellulose Utilization by Thermophilic Organ- isms,	The Net Circulation in the West Passage of	Frame for a Semi-Permeable Membrane As sembly,
W74-12193 7-23 5D	Narragansett Bay, W74-05714 7-11 2L	W74-08898 7-17 80
RHODE ISLAND UNIV., KINGSTON. DEPT. OF	Ecology of Small Boat Marinas,	RICE (LEONARD) CONSULTING WATER
CHEMISTRY. Identifying Source of Petroleum by Infrared	W74-06074 7-12 5C	ENGINEERS, DENVER, COLO. Master Planning Methodology for Urba
Spectroscopy,	The Marine Diatom Ethmodiscus rex: Its	Drainage,
W74-03854 7-08 5A	Morphology and Occurrence in the Plankton of the Sargasso Sea,	W74-05834 7-11 6/ RICE UNIV., HOUSTON, TEX.
Novel Method for Sampling Oil Spills and for Measuring Infrared Spectra of Oil Samples,	W74-07547 7-14 5A	An Airborne Gamma Ray Spectrometer and It
W74-05451 7-11 5A	Rhode Island Sound Dredge Spoil Disposal and	Application in Nuclear Power Plant Site Sur veys,
Laser Raman Spectroscopy of Solutes Dis-	Trends in the Floating Trap Fishery, W74-13081 7-24 5C	W74-08908 7-17 5/
solved in Water from a Remote Platform, W74-09255 7-18 5A	Solubilization of Hydrocarbons by the Dis-	RICE UNIV., HOUSTON, TEX. DEPT. OF BIOLOGY; AND RICE UNIV., HOUSTON, TEX.
RHODE ISLAND UNIV., KINGSTON. DEPT. OF	solved Organic Matter in Sea Water, W74-13166 7-24 5D	DEPT. OF ENVIRONMENTAL SCIENCE AND ENGINEERING.
CIVIL AND ENVIRONMENTAL	117413100	Physiology and Ultrastructure of an Oxygen
ENGINEERING.	RHODE ISLAND UNIV., KINGSTON. LAW OF	Resistant Chlorella Mutant Unde
Competitive Growth of Sewage Organisms, W74-03567 7-07 5C	THE SEA INST. Indices of National Interest in the Oceans,	Heterotrophic Conditions, W74-02922 7-06 56
	W74-02499 7-05 6E	RICE UNIV., HOUSTON, TEX. DEPT. OF
RHODE ISLAND UNIV., KINGSTON. DEPT. OF FOREST AND WILDLIFE MANAGEMENT.	Fisherman Quotas: A Tentative Suggestion for	GEOLOGY.
Classification and Evaluation of Freshwater Wetlands as Wildlife Habitat in the Glaciated	Domestic Management, W74-03991 7-08 6E	Hydrologic Investigations of the Groundwater of Central Texas Using U-234/U-238 Dis
Northeast, W74-01052 7-02 6B	The Economic Zone in The Law of The Sea:	equilibrium, W74-11465 7-22 2
	Survey, Analysis and Appraisal of Current Trends,	RICHARD B. RUSSELL AGRICULTURAL
RHODE ISLAND UNIV., KINGSTON. DEPT. OF MICROBIOLOGY.	W74-11142 7-21 6E	RESEARCH CENTER, ATHENS, GA. Interfacing a Programmable Electronic Calcula
Biological Degradation of Hydrocarbons in	Management of Fishery Resources for Op-	tor with an Automatic Amino Acid Analyzer,
Water, W74-09254 7-18 5B	timum Returns. Would it Work in the Gulf of Mexico,	W74-04866 7-10 5
	W74-12766 7-24 6C	RICHARDSON, TEX.

The U.S.S.R.: Ocean Use and Ocean Law,

7-24 6E

W74-00835

Enhancing Trickling Filter Plant Performance by Chemical Precipitation,

7-02 5D

W74-13361

Survival of Salmonella Typhimurium in Artifi-

7-24 5C

W74-13220

cial and Coastal Sea Water,

ROCKWELL INTERNATIONAL CORP., THOUSAND OAKS, CALIF. SCIENCE CENTER.

RICHMOND UNIV., VA.		FLA.	P, TAMPA,	Favings and all Duranian of 1	Manager Diagram
Ctenophores of the Chesapeake Bay W74-00906	7-02 2L	Clearwater Coastal Zone Manager	ment Dlen	Environmental Dynamics of I sion Paper.	mercury: Discus-
		W74-03116	7-06 2L	W74-06799	7-13 5B
RICK ENGINEERING CO., SAN DIE CALIF.	GO,	ROANOKE COLL., SALEM, VA. D	EPT. OF	Biological Effects of Mercu	ury Compounds,
Planning and Developing Waterfron W74-07072	t Property, 7-14 6B	BIOLOGY. Longitudinal Distribution and H	labitat of the	Discussion Paper, W74-06814	7-13 5C
RIDDLE ENGINEERING, INC., KAN		Fishes of Mason Creek, an Uj	pper Roanoke	ROCHESTER UNIV., N.Y. DEPT	
MO.	SAS CITT,	River Drainage Tributary, Virgini W74-01592	a, 7-03 2I	The Effects of Carbon Dioxid	de Concentration
Engineering Report on Special				on Oxygen Evolution an	
Storm Sewer District for the North		ROBERT A. TAFT SANITARY ENG	GINEERING	Transients in Synchronous Cu	ltures of Chlorel-
trial District, City of Kansas City, N W74-00802	7-02 8A	CENTER, CINCINNATI, OHIO. Hydraulic Model Tests of Es	tuarial Waste	la pyrenoidosa, W74-00239	7-01 5C
RIEKE, CARROL, MULLER ASSOC	TATES	Dispersion,		ROCHESTER UNIV., N.Y. DEPT	T OF
INC., HOPKINS, MINN.	IAIES,	W74-03622	7-07 5B	PHARMACOLOGY AND TOXIC	
Trickling Filter-Activated Sludge C	ombinations	Bacterial Pollution Indicators in	the Intestinal	Transport and Transformation	
for Domestic Wastewater Treatmen		Tract of Freshwater Fish,		Nature and Possible Routes of	
W74-04798	7-09 5D	W74-10131	7-19 5A	W74-07682	7-15 5B
RIJKSFACULTEIT DER		ROBERT S. KERR ENVIRONMEN	TAL LAB.,	ROCHESTER UNIV., N.Y. DEPT	r. of
LANDBOUWWETENSCHAPPEN, GI	HENT	ADA, OKLA.		PSYCHOLOGY.	
(BELGIUM). Limnological Observations on th	e 'National	State-of-the-Art: Uranium Mining	g, Milling, and	Hand Tremor Induced by Inc to Inorganic Mercury,	lustrial Exposure
Watersportbaan Georges Nachez'		Refining Industry. W74-11791	7-22 5D	W74-09789	7-18 5C
1968, 1969, 1970 and 1971,					
W74-08113	7-15 SC	ROBERT S. KERR ENVIRONMEN	TAL	ROCHESTER UNIV., N.Y. DEP	
RIJKSINSTITUUT VOOR DE		RESEARCH LAB., ADA, OKLA. Subsurface Biological Activity	in Palation to	RADIATION BIOLOGY; AND R UNIV., N. Y. DEPT. OF BIOPHY	
VOLKSGEZONDHEID, BILTHOVEN	Į.	Ground Water Pollution,	in Relation to	Biotransformation of Organ	
(NETHERLANDS).		W74-05230	7-10 5B	Mammals,	
Incidence of Resistance to T		A - Object - Was - O - Par I - I		W74-06802	7-13 5C
Chloramphenicol and Ampicillin monella Species Isolated in the Ne		An Objective Water Quality Inde W74-09436	7-18 5G	ROCHESTER UNIV. SCHOOL	OF MEDICINE.
1969, 1970 and 1971.	therianus in	W 74-03430	7-10 JG	N.Y. DEPT. OF RADIATION BIG	
W74-07562	7-14 5C	Fate of Materials Applied,		BIOPHYSICS.	
BIWGWGBERT LOOP DE		W74-11848	7-22 5B	Characteristics and Relations	
RIJKSINSTITUUT VOOR DE VOLKSGIZONDHEID, UTRECHT		An Evaluation of Tailings Ponds	Sealants.	Resistant Mutants and Methic of Yeast,	nine Auxotrophs
(NETHERLANDS). LAB. OF TOXICO	DLOGY.	W74-12217	7-23 5G	W74-11381	7-21 5C
Polychlorinated Terphenyls in th		State of the Art. Sand and Consu	1 Industry		
ment,		State-of-the-Art: Sand and Grave W74-12224	7-23 5B	ROCKVILLE WATER AND AQ	UEDUCT CO.,
W74-00057	7-01 5A	117-12224	1-23 30	CONN. Startup and Operation of the	Rockville Water
RIJKSWATERSTAAT-DELTADIENS	T, THE	ROBERT S. KERR ENVIRONMEN		Treatment Plant,	ROCKVIIIC Water
HAGUE (NETHERLANDS). COASTA	L	RESEARCH LAB, ADA, OKLA. NA ANIMAL FEEDLOT WASTES RES		W74-08872	7-17 5F
RESEARCH DEPT.		PROGRAM.	EARCH	Inspection of New Treatmen	nt Encilities the
Theoretical Forms of Shorelines, W74-04336	7-09 2J	Beef Cattle Feedlot Site Selectio	n for Environ-	Rockville Water and Aqueduc	
W 74-04330	7-07 23	mental Protection,		W74-10909	7-21 5F
Some Characteristics of the Dutch		W74-08156	7-16 5G	BOOKWELL INTERNATIONAL	CORR
W74-04754	7-09 2J	ROBERT S. KERR ENVIRONMEN	TAL	ROCKWELL INTERNATIONAL ANAHEIM, CALIF.	L CORP.,
The Coastline of River-Deltas,		RESEARCH LABORATORY, ADA		Subjective Decision-Making	for Urban Water
W74-04961	7-10 2L	Land Application of Sewage	Effluents and	Resources Development,	
Theoretical Forms of Shorelines,		Sludges: Selected Abstracts, W74-11577	7-22 5D	W74-00884	7-02 6B
W74-04962	7-10 2L	4 (4-113//	7-22 3D	ROCKWELL INTERNATIONAL	L CORP
		ROBERT S. KERR WATER RESEA	ARCH	CANOGA PARK, CALIF. ROCK	
RILLING ROAD TREATMENT PLAN	NT, SAN	CENTER, ADA, OKLA.		U-Tube Aeration,	
ANTONIO, TEX. Effluent Polishing with a Biological	Filter	Water Pollution, W74-05740	7-11 5B	W74-04046	7-08 5D
W74-11081	7-21 5D			Pyrographic Analysis of Waste	e Waters.
T.10 D 11N T		Experiences With Land Spreadin	g of Municipal	W74-05294	7-10 5A
Total Oxygen Demand: A New Too water Analysis,	of for waste-	Effluents, W74-11850	7-22 5D	ROCKWELL INTERNATIONAL	CODD EI
W74-11083	7-21 5D	W /4-11830	1-22 3D	SEGUNDO, CALIF. (ASSIGNER	
		The Soil as a Physical Filter,		Apparatus and Method for	
RING-BELT LTD. (WEST GERMAN' MONTAN-FORSCHUNG (WEST GEI		W74-12872	7-24 5D	from Liquids,	
Analogue and Hybrid Methods for		ROCHESTER INST. OF TECH., N.	Y.	W74-05885	7-11 5D
and Planning of Water Distribution		Surface Properties of Water,		ROCKWELL INTERNATIONAL	L CORP.,
W74-12145	7-23 4A	W74-11640	7-22 2K	THOUSAND OAKS, CALIF. SC	
RIVERFRONT PLANNING TEAM O	F	ROCHESTER UNIV. MEDICAL CI	ENTER, N.V.	ERTS Applications in Earth	
MINNEAPOLIS PLANNING AND		DEPT. OF RADIATION BIOLOGY		and Mineral Exploration in Ca W74-01711	alifornia. 7-04 7C
DEVELOPMENT, MINN.		BIOPHYSICS.			
Mississippi/Minneapolis-A Plan a	nd Program	Excretion and Absorption of M		The Relationship Between	Galvanic Current
for Riverfront Development. W74-01855	7-04 3D	After Polythiol Resin Treatment, W74-09575	7-18 5C	and Dissolution Rates. W74-04168	7-08 8G
41000	, 04 50				,-00 00

ROCKWELL SCIENCE CENTER, THOUSAND OAKS, CALIF.

ROCKWELL SCIENCE CENTER, THOUSAND	ROSENLEW (OY. W.) A.B., PORI (FINLAND).	ROTHAMSTED EXPERIMENTAL STATION,
OAKS, CALIF.	Reducing Evaporation Plant Pollution Plant	HARPENDEN (ENGLAND).
Overview of the California Aerosol Charac-	Pollution and Its Treatment,	Some Aspects of the Hydrodynamic Dispersion of Solutes in Porous Materials,
terization Experiment,	W74-00763 7-02 5D	W74-00360 7-01 2G
W74-10953 7-21 5A	ROSENSTIEL SCHOOL OF MARINE AND	W 74-00300 7-01 20
Sulfate and Nitrate Chemistry in Photochemi-	ATMOSPHERIC SCIENCE, MIAMI, FLA.	Effects of Shading and of Seasonal Differences
cal Smog.	Tropical Bay in Danger,	in Weathering on the Growth, Sugar Content
W74-10956 7-21 5A	W74-03716 7-07 6G	and Sugar Yield of Sugar Beet Crops, W74-01229 7-03 3F
DOCKY MOUNTAIN PODECT AND DANCE	Farming the Sea,	W /4-01229 /-03 3F
ROCKY MOUNTAIN FOREST AND RANGE	W74-03717 7-07 8I	Factors Affecting the Persistence of Pesticides
EXPERIMENT STATION, LARAMIE, WYO. Evaporation Losses of Windblown Snow, and	11703111	in the Soil,
the Potential for Recovery,	Hydrography and Beach Dynamics,	W74-08793 7-17 5B
W74-09611 7-18 2D	W74-09059 7-17 6B	ROTHAMSTED EXPERIMENTAL STATION.
W/4-07011		HARPENDEN (ENGLAND). BIOCHEMISTRY
ROHM AND HAAS CO., PHILADELPHIA, PA.	Long-Term Changes in the Settlement of Bar-	DEPT.
Decolorization of Kraft Mill Effluent,	nacles in the Miami Area, W74-12248 7-23 5C	Silica Gel as an Insoluble Carrier for the
W74-12945 7-24 5D	W74-12248 7-23 5C	Preparation of Selective Chromatographic Ad-
	Expedition 'Odysseus 65': Radiocarbon Age of	sorbents - The Preparation of 8-Hydroxyquin-
ROHM AND HAAS CO., PHILADELPHIA, PA.	Black Sea Deep Water,	oline Substituted Silica Gel for the Chelation
(ASSIGNEE)	W74-12374 7-23 2E	Chromatography of Some Trace Metals,
Desalination Process,		W74-00252 7-01 2K
W74-00081 7-01 3A	ROSENSTIEL SCHOOL OF MARINE AND	DOMESCHIED & ELLIND CO. N.V.
ROLLAND PAPER CO. LTD., ST. JEROME	ATMOSPHERIC SCIENCES, MIAMI, FLA.	ROTHSCHILD (L.F.) AND CO., N.Y.
	Impact of a Power Plant on a Subtropical	Pollution Control: New Method of Financing, W74-09563 7-18 50
(QUEBEC). Pollution Control Through Training, Education,	Estuarine Environment,	W 74-09303 7-18 3C
and Rigorous Follow-Up,	W74-04189 7-08 5C	ROWETT RESEARCH INST., BUCKSBURN
W74-07408 7-14 5G	Can Coastal Resources Survive Development,	(SCOTLAND).
17-17-07-00	W74-05658 7-11 6E	Observations on the Effect of Protein Intake
ROLLINS, BROWN AND GUNNELL, INC.,	711 02	and Stage of Gestation on the Proportion of
PROVO, UTAH.	Trace Metals in Carbonate and Organic Rich	Urinary Nitrogen Excreted as Urea in Sheep,
Muddy Creek Dam and Reservoir, Emery	Sediments,	W74-00408 7-01 5E
County, Feasibility Study.	W74-06050 7-12 5A	ROYAL HOLLOWAY COLL., ENGLEFIELD
W74-00546 7-01 8A	Guide to Identity of Eggs and Larvae of Some	GREEN (ENGLAND).
Data and Market No. 11. Cont.	Gulf of Mexico Clupeid Fishes,	An Investigation of the Coulter Counter is
Developing a State Water PlanMuddy Creek	W74-06067 7-12 2L	'Biomass' Determinations of Natural Fresh
Dam and Reservoir, Emery County, Feasibility Study.	W/4-0000/	water Phytoplankton Populations,
W74-09075 7-17 6B	The Determination of Trace Transition Ele-	W74-08727 7-17 5A
W /4-090/3	ments in Biological Tissues Using Flameless	BOYAL HOLLOWAY COLL PROLEPIELD
ROLLINS COLL., WINTER PARK, FLA. DEPT.	Atom Reservoir Atomic Absorption,	ROYAL HOLLOWAY COLL., ENGLEFIELD GREEN (ENGLAND). DEPT. OF ZOOLOGY.
OF BIOLOGY.	W74-06132 7-12 5A	Distribution of Vallisneria spiralis L. in the
Relative Leaching Rates of Common Nitrogen	BOSS HARRIE OWERER BARCOCK	River Lea Navigation Canal (Essex-Hert
Carriers From Sandy Soils in Relation to Lake	ROSS, HARDIE, O'KEEFE, BABCOCK,	fordshire Border),
Eutrophication,	MCDUGALD AND PARSONS, CHICAGO, ILL. Conflicts in Land Use,	W74-06072 7-12 2
W74-01654 7-04 5B	W74-09416 7-18 4A	
	W/4-09410 /-10 4A	ROYAL INST. OF TECH., STOCKHOLM
ROLLS-ROYCE LTD., DERBY (ENGLAND).	ROSTOCK UNIV. (EAST GERMANY).	(SWEDEN). DEPT. OF LAND IMPROVEMENT
ADVANCED RESEARCH GROUP.	INSTITUT FUER HYGIENE.	AND DRAINAGE.
The Breaking of Waves on a Sloping Beach,	Comparative Productivity Studies of Three	Chemistry of Some Ground Waters in Igneou
W74-01176 7-03 2E	Mecklenburg Lakes (Lake Kummerow, Lake	Rocks, W74-06371 7-12 21
ROME UNIV., (ITALY). INSTITUTO DI	Teterow and Lake Malchin), (In German),	W /4-003/1 /-12 21
CHEMICA ANALITICA.	W74-02558 7-05 2H	ROYAL INST. OF TECH., STOCKHOLM
Response of Cyanide Ion Selective Membrane	ROSTONE CORP., LAFAYETTE, IND.	(SWEDEN). HYDRAULIC LAB.
Electrodes in the Presence of Metal Ions,	(ASSIGNEE).	Water Exchange in Two-Layer Stratifie
W74-12489 7-23 5A	Filter Bottom and Molded Module Therefor,	Waters,
	W74-03006 7-06 5D	W74-05736 7-11 21
ROME UNIV. (ITALY). ISTITUTO DI CHIMICA	W74-03000	ROYAL INST. OF TECH., STOCKHOLM
ANALITICA.	ROSTOV-ON-DON STATE UNIV. (USSR).	(SWEDEN). NUCLEAR MAGNETIC
Determination of Trace Amounts of C2-C5	Longshore Currents and Sediment Motion in	RESONANCE GROUP.
Acids in Aqueous Solutions by Gas Chromatog-	the Coastal Zone of the Sea of Azov,	Clay Water InteractionsAn Experimenta
raphy,	W74-05024 7-10 2L	Study of Interface Phenomena,
W74-05314 7-10 5A	BOSTON ON BON STATE VALUE (1998)	W74-12654 7-23 20
ROME UNIV. (ITALY). ISTITUTO DI TERAPIA	ROSTOV-ON-DON STATE UNIV. (USSR).	
MEDICA SISTEMATICA E IDROLOGIA	RESEARCH INST. OF BIOLOGY. Results of Acclimatization of Corophium	ROYAL NETHERLANDS METEOROLOGICAL
MEDICA SISTEMATICA E IDROLOGIA	sowinskyi (Mart.) in the Veselovsk Reservoir,	INST., DE BILT.
Observations of the Organic Components of	(In Russian),	Wave Set-Up on a Beach, W74-03432 7-07 2
Thermal Muds: III. The Lipid Fractions of the	W74-04099 7-08 2H	17-03-32 7-07 21
Lacco Ameno (Ischia) Peloids, (In Italian),		ROYAL RADAR ESTABLISHMENT, MALVER!
W74-12739 7-23 2J	ROTHAMSTED EXPERIMENTAL STATION,	(ENGLAND). METEOROLOGICAL OFFICE

HARPENDED (ENGLAND).
Irrigation as a Practical Means to Control
Potato Common Scab (Streptomyces Scabies):
Final Experiment and Conclusions,
W74-12694
7-23 3F

RESEARCH UNIT.

Structure and Mechanism of Precipitation and the Effect of Orography in a Wintertime Warm

7-24 2B

Sector, W74-12975

ROORKEE UNIV. (INDIA).

Networks--Facts and Fallacies, W74-05383

Equivalent Pipe Methods for Optimizing Water

7-10 8A

BUTGERS . THE STATE LINIV. NEW RRUNSWICK, N. J. DEPT. OF SOILS AND

W74-01053

W74-03208

W74-03897

7-02 5B

Removal of Phosphate from Waste Water by

Nitrate Leaching in Soil on Rutgers Agricul-

tural Research Center at Adelphia, New Jersey,

Aluminum and Iron, Phase III,

	NOTO THE STATE ON	THE PROPERTY AND DELVISOR SOLD AND
ROYAL TROPICAL INST., AMSTERDAM (NETHERLANDS). INST. OF TROPICAL	Precipitation Characteristics of the Northern New Jersey, New York City Metropolitan	Cross-Spectral Analysis of Rainfall and Runoff for Raritan and Mullica River Basins in New
HYGIENE; AMSTERDAM UNIV. (NETHERLANDS). LAB. OF PARASITOLOGY.	Area, W74-07607 7-15 2B	Jersey, W74-07183 7-14 2A
The Toxicity of Some Detergents Tested on Aedes Aegypti L., Lebistes Reticulatus Peters, and Biomphalaria Glabrata (Say),	A Test of Combinations of Models for Project- ing the Population of Minor Civil Divisions, W74-09081 7-17 6B	RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J. DEPT. OF CIVIL ENGINEERING.
W74-13481 7-24 5C		Wave Reflection and Transmission in Channels
ROYAL UNIV. OF MALTA, VALLETTA. DEPT. OF BIOLOGY. The Carbohydrate and Water Balance of Beans	The Occurrence of Water in the Precambrian Crystalline Rocks of the New Jersey Highlands.	of Variable Section, W74-04614 7-09 8B
(Vicia faba) Attacked by Broomrape	W74-10872 7-20 4B	RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N.J. DEPT. OF
(Orobanche crenata), W74-01575 7-03 3F	Solvent Extraction for the Separation of	ENVIRONMENTAL SCIENCE.
ROYAL VETERINARY AND AGRICULTURAL	Metals, W74-11365 7-21 5A	Atmospheric Reaeration Capacity of Streams. Part I. Critical Review of Methods Available to
COLL., COPENHAGEN (DENMARK).	RUTGERS - THE STATE UNIV., NEW	Measure and to Calculate the Atmospheric Reaeration Rate Constant.
HYDROTECHNICAL LAB. Gamma Radiation for Measuring Water Con-	BRUNSWICK, N.J. COLL. OF AGRICULTURE	W74-02916 7-06 5C
tents in Soil Columns with Changing Bulk Den-	AND ENVIRONMENTAL SCIENCE. Effect of pH on Toxicity of Copper to	Atmospheric Reaeration Capacity of Streams.
sity, W74-05930 7-11 2G	Scytalidium Sp., a Copper-Tolerant Fungus, and Some Other Fungi,	Part II. Direct Measurement of the Atmospher-
ROYAL VETERINARY AND AGRICULTURE	W74-03857 7-08 5C	ic Reaeration Rate Constant in the Upper Raritan River Basin,
COLL., COPENHAGEN (DENMARK).	Sludge Characteristics of Municipal Solids,	W74-02917 7-06 5C
On the Isolation of Virus from Sewage Treat- ment Plant Sludges.	W74-11834 7-22 5D	Distribution of Autotrophic Nitrifying Bacteria in a Polluted Stream.
W74-00628 7-02 5A	RUTGERS - THE STATE UNIV., NEW	W74-06834 7-13 5C
The Effect of Pretreatments on the Virus Con-	BRUNSWICK, N.J. DEPT. OF BIOCHEMISTRY AND MICROBIOLOGY.	Rotating Biological Disk Wastewater Treatment
tents of Sewage Samples, W74-00629 7-02 5A	Inhibition by Fatty Acids of the Biodegradation of Petroleum.	Process - Pilot Plant Evaluation, W74-07373 7-14 5D
RUBBER RESEARCH INST. OF MALAYA,	W74-01537 7-03 5B	RUTGERS - THE STATE UNIV., NEW
KUALA LUMPUR (MALAYSIA). Secondary Leaf Fall of Hevea Brasiliensis:	Population Changes in Enteric Bacteria and Other Microorganisms During Aerobic Thermo-	BRUNSWICK, N.J. DEPT. OF ENVIRONMENTAL SCIENCES.
Meteorological and Other Factors Affecting In- fection by Colletotrichum Gloeosporioides,	philic Windrow Composting, W74-04908 7-10 5D	A Study of the Factors Determining the Ox- ygen Uptake of Benthal Stream Deposits,
W74-01764 7-04 2I	Biodegradation of Oil in Seawater: Limiting	W74-02451 7-05 5C
RUHR-UNIVERSITAET BOCHUM (WEST GERMANY). INST. OF MINERALOGY.	Factors and Artificial Stimulation, W74-08624 7-16 5B	Municipal Effluent Characteristics, W74-11847 7-22 5B
Antidune and Chute and Pool Structures in the Base Surge Deposits of the Laacher See Area.		Chemical and Biological Quality of Sewage Ef-
Germany, W74-03063 7-06 2J	Effects of Some Commercial Oil Herders, Dispersants and Bacterial Inocula on Biodegradation of Oil in Seawater,	fluents, W74-12870 7-24 5D
	W74-08640 7-16 5C	Injecting Highly Treated Sewage Into a Deep-
RUHRTALSPERRENVEREIN, ESSEN (WEST GERMANY).	RUTGERS - THE STATE UNIV., NEW	Sand Aquifer,
Analogue to Digital Conversion and Data	BRUNSWICK, N.J. DEPT. OF BIOLOGICAL	W74-13310 7-24 5B
Acquisition from Charts of Water Level and Rainfall Recorders and Their Evaluation by a Computer,	AND AGRICULTURAL ENGINEERING. Equipment for Incorporating Sewage Sludge and Animal Manures Into the Soil,	RUTGERS-THE STATE UNIV., NEW BRUNSWICK, N.J. DEPT. OF GEOGRAPHY.
W74-11564 7-22 7C	W74-11840 7-22 5D	A Factor Analysis of Selected Water Quality Variables in Central New Jersey During 1960-
RUHRVERBAND UND	RUTGERS - THE STATE UNIV., NEW	1969, W74-05716 7-11 5B
RUHRTALSPERRENVEREIN, ESSEN (WEST GERMANY).	BRUNSWICK, N.J. DEPT. OF BOTANY. Lead Inhibition of Hormotila blennista	RUTGERSTHE STATE UNIV., NEW
Water Quantity and Quality Management in the Ruhr Valley,	(Chlorophyceae, Chlorococcales), W74-06761 7-13 5C	BRUNSWICK, N.J. DEPT. OF METEOROLOGY. Tropical Cyclone Precipitation in New Jersey,
W74-13424 7-24 5G	RUTGERS THE STATE UNIV., NEW	W74-00435 7-01 2B
RUMMEL, KLEPPER AND KOHL,	BRUNSWICK, N.J. DEPT. OF CHEMICAL AND	RUTGERS - THE STATE UNIV., NEW
BALTIMORE, MD. Application of the Implicit Method to Surges in	BIOCHEMICAL ENGINEERS. Process Control Model for Oxygen Regenera-	BRUNSWICK, N.J. DEPT. OF SOILS AND CROPS.
Open Channels, W74-02767 7-06 2E	tion of Polluted Rivers, Phases IV and V, and Spacially and Temporally Distributed	Complementary Role of Iron(III), Sulfate and Calcium in Precipitation of Phosphate From
RUTGERS - THE STATE UNIV., NEW	Discharge of Effluents in Estuaries, W74-07837 7-15 5B	Solution, W74-01053 7-02 SF

RUTGERS - THE STATE UNIV., NEW

W74-01054

BRUNSWICK, N.J. DEPT. OF CIVIL AND ENVIRONMENTAL ENGINEERING.

Seepage Flows-Field Data Measurements for

Evaluation of Potential Contribution of Fertilizers to Groundwater Pollution,

Transferred in a Freezing Silt,

Biochemical Oxygen Demand,

Effect of Porosity on Amount of Soil Water

Unrecorded Pollution and Dynamics of

7-09 2C

7-13 5B

BRUNSWICK, N.J.

W74-04376

W74-06613

7-02 5D

7-07 5D

RUTGERS - THE STATE UNIV., NEW	SAINT JOHN RIVER BASIN BOARD (NEW	SAMPLE, JENKINS AND MADDEN, MONROE,
BRUNSWICK, N.J. WATER RESOURCES RESEARCH INST.	BRUNSWICK). River Basin Planning and the Forest Industry	LA. Comprehensive Water and Sewerage Plan for
Mobile Oxygen Dispersion Craft, W74-01232 7-03 5	Compromise or Conflict, W74-06398 7-12 6B	Ouachita Parish. W74-00806 7-02 6A
111111111111111111111111111111111111111		
Environmental Quality and its Evaluation, W74-07533 7-14 5	SAINT JOHN'S UNIV., JAMAICA, N. Y. DEPT.	SAN ANTONIO RIVER AUTHORITY, TEX. A Guide to Decision Making for Water
********	OF CHEMISTRY. Spinning Dropping Mercury Electrode-A Prac-	Resources Management in the San Antonio Re-
Unrecorded Pollution from Urban Runoff,	tical Analytical Tool	gion.
W74-12523 7-23 5	W74-00634 7-02 2K	W74-03484 7-07 6B
RUTGERS - THE STATE UNIV., NEW	SAINT JOSEPH'S HOSPITAL, LONDON	SAN DIEGO CITY PLANNING DEPT., CALIF.
BRUNSWICK, N.J. WATER RESOURCES	(ONTARIO). DEPT. OF MICROBIOLOGY.	San Diego's Offshore Area,
RESEARCH INSTITUTE. Investigation of the Effects of Urbanization of	Gentamicin Blood Agar Used as a General-Pur-	W74-02831 7-06 6F
Precipitation Type, Frequency, Areal and Ten	pose Selective Medium,	The Ocean Edge of San Diego,
poral Distribution, Phase II,		W74-03120 7-06 6D
W74-03768 7-08 4	SAINT LOUIS METROPOLITAN SEWER	SAN DIEGO COUNTY, INTEGRATED
RUTGERS - THE STATE UNIV. PRINCETON,	DISTRICT, MO. Application and Operation of Sludge Incinera-	REGIONAL ENVIRONMENTAL
N.J. WATER RESOURCES RESEARCH INST. Institutional Problems in the Water Resource		MANAGEMENT PROJECT, CALIF. Regional Environmental Management and the
Field.	W74-02849 7-06 5E	Decision Making Process,
W74-03183 7-06 6	A Method for Industrial Waste Control and	W74-12466 7-23 6G
RYAZANSKII GOSUDARSTVENNYI	Surcharge Assessment,	SAN DIEGO COUNTY WATER AUTHORITY,
PEDAGOGICHESKII INSTITUT (USSR).	W74-02850 7-06 6C	CALIF.
The Water Regime of Flowers, (In Russian),	Odors Emitted from Raw and Digested Sewage	Tri-Agencies Pipeline: Engineering Report.
W74-13381 7-24 2	Sludge,	W74-01477 7-03 8A
S. N. MEDICAL COLL., AGRA (INDIA).	W74-07960 7-15 5D	SAN DIEGO STATE COLL., CALIF. DEPT. OF
Bacteriological Water Quality and Incidence	SAINT LOUIS, UNIV., MO. DEPT. OF	BIOLOGY.
Waterborne Diseases in a Rural Population, W74-09540 7-18		Transpiration of Atriplex confertifolia and Eu- rotia lanata in Relation to Soil, Plant and At-
	Seasonal Water Potential Patterns in the Moun-	mospheric Moisture Stresses,
S. S. COLL., ALIPUR (INDIA). DEPT. OF	tain Brush Zone, Utah,	W74-01990 7-04 2D
BOTANY. Population Dynamics of Herbaceous Communication Dynamics Dynam	W74-01588 7-03 2I	SAN FRANCISCO UNIV., CALIF.
ties of Pilani (Rajasthan),	Carbon Dioxide Exchange by Several Stream-	Marine Pollution: A Critique of Present and
W74-00714 7-02		Proposed International Agreements and Institu-
S. V. REGIONAL COLL. OF ENGINEERING	Butte Canyon, Utah, W74-01590 7-03 21	tionsA Suggested Global Oceans' Environ- mental Regime,
AND TECHNOLOGY, SURAT (INDIA).	W 74-01390 7-03 21	W74-01449 7-03 5G
Optimal Design of Prestressed Concrete Pip		
Using Linear Programming, W74-10319 7-19	BIOLOGY. A Preliminary Description of the Physico-	SAN FRANCISCO WATER DEPT., CALIF. Managing Water Resources: Basic Considera-
	Chemical Characteristics and Biota of Three	tions and Problems,
SACRAMENTO CITY PLANNING	Strip Mine Lakes, Spencer County, Indiana,	W74-09734 7-18 6B
COMMISSION, CALIF. A Conservation Element for the Sacramen	W74-07403 7-14 5B	SAN JOSE DEPT. PUBLIC WORKS, CALIF.
General Plan.	SAINT REGIS PAPER CO., PENSACOLA, FLA.	BOD, Solids and Nutrient Removal by Foam
W74-01864 7-04	G Activated Carbon and Other Techniques for	Flotation,
SAFARIK UNIV., KOSICE	Color Removal from Kraft Mill Effluents,	W74-07742 7-15 5D
(CZECHOSLOVAKIA).	W74-12423 7-23 5D	SAN JUAN TROPICAL DISEASE LAB.,
Current Problems in the Radioecology of So	SAINT REGISTALER CO., I ENGACOEA, I EA.	PUERTO RICO.
and Plants, W74-11666 7-22	RESEARCH AND DEVELOPMENT CENTER.	Effect of Marisa Cornuarietis on Populations of Biomphalaria Glabrata in Farm Ponds of Puerto
	Kraft Pulping Effluent Treatment and Reuse - State of the Art,	Rico,
SAFFORD MUNICIPAL UTILITIES, ARIZ.	W74-05110 7-10 5D	W74-12693 7-23 2H
Oxidation and Aerated Lagoon Operation, W74-09452 7-18	D	SANDIA LAB., ALBUQUERQUE, N.MEX.
	SALFORD CITY SEWAGE WORKS(ENGLAND). The Effect of Acid Concentration on the Deter-	Ice Melting ExperimentsA Model Study for
SAGA UNIV. (JAPAN). LAB. OF SHORE RECLAMATION.	mination of Dichromate Value,	Burial of Radioactive wastes, W74-09868 7-19 5D
On the Variation of Salinity Distribution in	a W74-10448 7-20 5A	W 74-09808 7-19 3D
Reservoir, Situated in Reclaimed Lan		Environmental Monitoring Report for Sandia
(Japanese), W74-02246 7-05	BULLDALA CRUTICAL DEVELOPMENT AND	Laboratories for 1973, W74-12047 7-23 5B
	ANALYSIS DEPT.	
SAGINAW COUNTY METROPOLITAN	Recovery of Arsenic by Dry Ashing from Animal Tissue Fortified with Organoarsenicals	SANDIA LABS., ALBUQUERQUE, N. MEX. TERRADYNAMICS DIV.
PLANNING COMMISSION, MICH. Environmental Health Analysis.	or Arsenic Trioxide,	Depth Prediction for Earth-Penetrating Projec-
W74-00808 7-02		tiles,
	SALT LAKE COUNTY WATER	W74-09534 7-18 8D
SAINT CLOUD STATE COLL., MINN. DEPT. OF BIOLOGY.	CONSERVANCY DISTRICT, UTAH.	SANERA PROJECTING A.B., NORDMALING
Thermal Effects of a Nuclear Power Plant	on County Water System Solves Dry Area	(SWEDEN). (ASSIGNEE)
the Mississippi River at Monticello, Minneson		Floating Boom Structures,
W74-12200 7-23	C W74-10894 7-20 6D	W74-10580 7-20 5G

ORGANIZATIONAL INDEX SCRIPPS INSTITUTE OF OCEANOGRAPHY, LA JOLLA, CALIF. GEOLOGICAL RESEARCH

SCANDINAVIAN PULP, PAPER AND BOARD

W74-11054	7-21 5G	RESOURCES SASKATOON. FISHERIES	TESTING COMMITTEE, STOCKHOLM
SANITARNO-GIGENICHESKII MEDIT	SINSKII	WILDLIFE BRANCH. Limnology and Fishery Biology of Black Lake	(SWEDEN).
INSTITUT, LENINGRAD (USSR).	01.10111	Northern Saskatchewan,	
A Study of Diethylenetriamine in Co	onnection	W74-01234 7-03 2	W74-08438 7-16 5A
with Its Hygienic Standardization		117-01234	SCHICK INTERNATIONAL, MORGAN, UTAH.
Bodies (In Russian),		SASKATCHEWAN UNIV., REGINA. DEPT. OF	
	7-24 5C	GROGRAPHY.	Agricultural Reconnaissance Supplement to the
		Climatic Profile of the North Chilean Desert :	Mill Creek Development Project.
SANITARNO-GIGIENICHESKII MEDIT	TSINSKII	Latitude 20 Degrees South,	W74-03488 7-07 6D
INSTITUT, LENINGRAD (USSR).		W74-06475 7-12 2	B CONTINUEDCED CUDENCO CA CADACAC
Substantiation of the Maximum Pe	ermissible		SCHLUMBERGER SURENCO S.A., CARACAS
Concentration of ANP-2 Compound	in Water	SASKATCHEWAN UNIV., SASKATOON. DEPT	
Bodies, (In Russian),		OF CHEMISTRY AND CHEMICAL	A Sonic Method for Analyzing the Quality of
W74-01581	7-03 5G	ENGINEERING.	Cementation of Borehole Casings,
		Esterification of (2,4-Dichlorophenoxy)Acet	
Effect of A Cement Anticorrosion C		Acid - A Quantitative Comparison of Esteria	
the Quality of Drinking Water, (In Rus		cation Techniques,	SCHLUMBERGER WELL SERVICES,
W74-02233	7-05 5B	W74-05312 7-10 5	
Wasteria E. S.		SASKATCHEWAN UNIV., SASKATOON, DEPT	Determining Fracture Pressure Gradients from
Hygienic Features of Silicate Anti			well Logs,
Coatings for Water Reservoirs, (In Ru		OF MECHANICAL ENGINEERING.	W74-10099 7-19 8B
W74-07364	7-14 5F	Transient Heat and Mass Transfer in Ful	
CANTA CLADA UNIV. CALLE		Developed Laminar Tube Flows,	SCHLUMBERGER, WELL SURVEYING CORP.,
SANTA CLARA, UNIV., CALIF.		W74-04237 7-08 8	PARIS (FRANCE).
Early Thoughts on Prosecuting Pollute		SASKATCHEWAN UNIV., SASKATOON. DEPT	Recent Advances in Log Evaluation,
W74-01613	7-03 5G	OF SOIL SCIENCE.	W74-07853 7-15 8G
SANTA FE CITY PLANNING DEPT., N	MEY	Inorganic and Organic Phosphorus Distribution	
Water Study, Santa Fe Planning Area		in Domestic and Municipal Sewage,	SCIENCE APPLICATIONS, INC., LA JOLLA,
		W74-00055 7-01 5	
W74-03641	7-07 4B	W 74-00033 7-01 3	Determination of Aerosol Content in the At-
SANTOS AND HEILEMANN, MANAGI	ITA	SASKATCHEWAN UNIV., SASKATOON. DIV.	mosphere.
(NICARAGUA).	U.A.	OF HYDROLOGY.	W74-06647 7-13 7C
Prediction of the 1972 Managua, N	licaragua	Hydrodynamics of Laminar Flow Over	
		Porous Bed,	SCIENCE ENGINEERING ASSOCIATES, INC.,
Earthquake from Groundwater Cha		W74-02770 7-06 2	E SAN MARINO, CALIF.
ferred Probability of Earthquakes in t			Sitti Milatito, Citati
Managua, Nicaragua, during the St	ummer of	SASKATCHEWAN UNIV., SASKATOON. INST	Feasibility Study for a Surge-Action Model of
1973,		OF PEDOLOGY.	Monterey Harbor, California,
W74-04467	7-09 2F	Effect of Monosilicic Acid on Hydrolytic Rea	c- W74-04721 7-09 2L
CAO BALLO UNIV (BBAZIL) DEBT	OF	tions of Aluminum,	
SAO PAULO UNIV. (BRAZIL). DEPT.	OF	W74-07626 7-15 2	G SCIENTIFIC ASSOCIATES, INC., SANTA
GEOLOGY.	amietica of		MONICA, CALIF.
Distinctive Hydrogeological Charact		SASKATCHEWAN UNIV., SASKATOON.	Percussive Water Jets for Rapid Excavation
Some Pampas of the Peruvian Coasta		WESTERN COLL. OF VETERINARY	Final Report,
W74-06472	7-12 4B	MEDICINE.	W74-11997 7-22 8H
SAO PAULO UNIV. (BRAZIL). INST. O	E BIO.	Dose-Response Relationships after Exposu	re
SCIENCES.	or bio-	of Swine to Organo-Mercurial Compounds,	SCIENTIFIC COUNCIL ON GEOTHERMAL
Contribution to Knowledge about	the Leef	W74-06809 7-13	
Anatomy of Species of a 'Caatinga'			Development of Research and Utilization of
	of the Kio	SATEC LTD., CREWE (ENGLAND).	Geothermal Resources in the USSR,
Negro (Amazon), (In Portuguese),	7.00 27	The Design and Operation of Activated Slud	ge W74-08985 7-17 2F
W74-04682	7-09 21	Final Settling Tanks,	
SARATOGA DEVELOPMENT CORP.,	SAN	W74-10573 7-20 5	D SCIENTIFIC RESEARCH INST. OF
DIEGO, CALIF. (ASSIGNEE).		CALICAR HALV (INDIA) CENTRE OF	AEROCLIMATOLOGY, MOSCOW (USSR).
Aerator Head,		SAUGAR UNIV. (INDIA). CENTRE OF	Methods and Means for Preparing Hydrological
W74-12800	7-24 5D	ADVANCED STUDY IN GEOLOGY.	Observation Results for Processing on Compu-
11 / 4-12000	,-24 JD	Evolution of the Son Drainage,	A
SARGENT AND LUNDY, CHICAGO, I	LL.	W74-10285 7-19	W74-11563 7-22 7C
Water Reuse in Industry, Part I		SAURASHTRA UNIV., RAJKOT, (INDIA).	7-25 70
Generation,	10.101	DEPT. OF BIOSCIENCES.	SCINTREX LTD., CONCORD (ONTARIO).
W74-00794	7-02 5D	Physiological Ecology of Gelidiella Acerd	
	. 02 70	(Forsskal) Feldmann et Hamel,	in the Carpathians of Yugoslavia and
Circular Jumps,		W74-01424 7-03	
W74-11476	7-22 8B	17-01-42-4	W74-08983 7-17 2F
		Ecology of Upper Catchment Area of Riv	
SASAKURA ENGINEERING CO. LTD.	, OSAKA	Narmada Climovegetational Relationships: I,	SCRIPP INSTITUTION OF OCEANOGRAPHY,
(JAPAN).		W74-13368 7-24	A LA JOLLA, CALIF.
Multiple Effect Evaporating Apparate	us,		Romb Produced Tritium in the Antarctic
W74-11401	7-21 3A	SAVANNAH RIVER ECOLOGY LAB., AIKEN	
		S.C.	Ocean, W74-05993 7-12 5B
Evaporating Method and Apparatus,		Relationships Between Levels of Radiocesia	m W74-05993 7-12 5B
W74-11402	7-21 3A	in Dominant Plants and Arthropods in a Co	n- SCRIPPS INSTITUTE OF OCEANOGRAPHY,
CICIVIDA PROPERTICAS	004774	taminated Streambed Community,	TA TOTTA CALLE CEOLOGICAL DESEABOR
SASAKURA ENGINEERING CO. LTD.	., OSAKA	W74-06016 7-12	C LA JOLLA, CALIF. GEOLOGICAL RESEARCH
(JAPAN). (ASSIGNEE).			DIV.

A Review of the Physiological Impact of Mer-

curials,

W74-10548

7-21 3A

SASKATCHEWAN DEPT. OF NATURAL

7-21 5G RESOURCES SASKATOON. FISHERIES

Floatable Boom Structure,

Evaporating Method and Evaporating Ap-

paratus, W74-11396

'Internal Waves' Advancing Along Submarine

Canyons,

W74-04261

7-20 5C

SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIF.

SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIF.	Influence of Iodine on Growth and Develop- ment of the Brown Alga Ectocarpus Siliculosus	SEATTLE UNIV., WASH. DEPT. OF CIVIL ENGINEERING.
Theoretical and Experimental Study of Wave	in Axenic Cultures,	The Oxygen Uptake Demand of Resuspended
Enhancement and Runup on Uniformly Sloping Impermeable Beaches,	W74-06752 7-13 5C	Bottom Sediments. W74-05114 7-10 5C
W74-00022 7-01 2H	The Surprise Factor in Marine Pollution Stu-	
Coastal Processes and Long Range Planning,	dies, W74-08252 7-16 5B	Fracture of Sea Ice Sheets Due to Isostatic Im- balance.
W74-00034 7-01 2L		W74-09943 7-19 2C
Estimating the Precipitation Climate,	Microbial Degradation of Oil: Present Status, Problems, and Perspectives,	SEAWALL ENTERPRISES, INC., DES MOINES,
W74-00375 7-01 2A	W74-08611 7-16 5B	WASH.
Effects of the Alaska Earthquake and Tsunami	Bacterial Degradation of Mineral Oils at Low	Sea Wall Construction, W74-10594 7-20 8A
on Recent Deltaic Sediments,	Temperatures,	
W74-00524 7-01 2J	W74-08625 7-16 5B	SECRETARIA DE RECURSOS HYDRAULICOS, MEXICO CITY.
The Equations of Continuity for Seawater and	Surface Water Temperatures at Shore Stations,	Mathematical Modelling of Capacity Expansion
River Water in Estuaries, W74-01207 7-03 2L	United States West Coast, 1972.	of an Integrated Hydro-Thermal Electrical Power System,
	W74-09197 7-17 2E	W74-00175 7-01 6A
Littoral Processes and the Development of Shorelines,	Chemical Descriptions of the Oceans,	SECRETARY OF STATE FOR SCOTLAND,
W74-01212 7-03 2J	W74-09570 7-18 5B	EDINBURGH. SCOTTISH DEVELOPMENT
Concentrations of Plutonium, Cobalt, and	Water Motion and Water-Sediment Interaction,	DEPT.
Silver Radionuclides in Selected Pacific	W74-09863 7-19 5B	Rivers Pollution Survey in Scotland in Retrospect and Prospect,
Seaweeds, W74-01297 7-03 5	Biological Aspects of Offshore Nuclear Power	W74-10896 7-20 5G
	Plants,	SECRETARY OF THE INTERIOR.
Provenances and Dispersal Patterns of Tur- bidite Sand in Escanaba Trough, Northeastern	W74-09864 7-19 5C	WASHINGTON, D.C.
Pacific Ocean,	History of Metal Pollution in Southern Califor-	Distillation of Saline Water by Direct Contac Heat Exchange with Immiscible Liquid,
W74-01720 7-04 2J	nia Coastal Zone, W74-11130 7-21 5A	W74-11414 7-21 3A
A Multi-Purpose Data Acquisition System for		SECRETARY OF THE INTERIOR,
Instrumentation of the Nearshore Environ- ment.	Eastern Intensification of Ocean Spin-Down:	WASHINGTON, D.C. (ASSIGNEE)
W74-02688 7-06 7B	Application to El Nino, W74-11894 7-22 2E	Filament Wound Reverse Osmosis Tubes,
County Soud Duran of Customer Name Pain		W74-10490 7-20 80
Coastal Sand Dunes of Guerrero Negro, Baja California, Mexico,	Deep Sea Drilling Project, Operations Resumes, Leg 19 Through Leg 25, July 20, 1971	SEKI HIGH SCHOOL (JAPAN).
W74-02704 7-06 2L	Through August 22, 1972.	Fish Fauna in River Nagaragawa and Its Change for the Last Several Years in Relation
Crater-Sink Sand Transfer System,	W74-12017 7-23 2J	to River Pollution (In Japanese),
W74-02705 7-06 8A	Uptake, Metabolism and Discharge of Poly-	W74-05580 7-11 50
Longshore Transport of Sand,	cyclic Aromatic Hydrocarbons by Marine Fish,	SELLARDS AND GRIGG, INC., LAKEWOOD,
W74-02706 7-06 2J	W74-12262 7-23 5C	COLO. Areawide Water and Waste Water Planning
Littoral Sedimentary Processes on Kauai, a	Atoll Permeability Calculated from Tidal Diffu-	Study for the St. Charles Mesa, Rye-Colorado
Subtropical High Island, W74-03102 7-06 2J	sion, W74-12995 7-24 2F	City, and Beulah Sectors of Pueblo County. W74-01047 7-02 5I
Orbital Velocity Associated with Wave Action Near the Breaker Zone,	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIF. GEOLOGICAL RESEARCH	SENATE, WASHINGTON, D.C. A Bill to Provide for Disaster Assistance.
W74-03444 7-07 2J	DIV.	W74-10716 7-20 6I
Near-Shore Circulation in the California Cur-	Congo Submarine Canyon and Fan Valley,	SENSHU UNIV., TOKYO (JAPAN).
rent,	W74-00093 7-01 2J	A Petrographic Study on Littoral Drift Along
W74-03624 7-07 2L	SCRIPPS INSTITUTION OF OCEANOGRAPHY,	the Ishikawa Coast, Japan, W74-03692 7-07 21
Runup Recipe for Periodic Waves on	LA JOLLA, CALIF. PHYSIOLOGICAL RESEARCH LAB.	
Uniformly Sloping Beaches, W74-03686 7-07 8B	Respiratory and Circulatory Responses in a	SEOUL NATIONAL UNIV. (REPUBLIC OF KOREA). COLL. OF EDUCATION.
	Hemoglobin-Free Fish, Chaenocephalus	Ecological Studies on the Penaeus orientali
Flume Experiments on Sand Transport by Waves and Currents,	aceratus, to Changes in Temperature and Ox- ygen Tension,	Kishinoue Cultured in a Pond Filled with Se
W74-04746 7-09 2L	W74-04227 7-08 5C	Water: I. Growth Rate as Related to the Sub- strate Materials, Survival Rate, Predator of F
Nearshore Processes,	SCRIPPS INSTITUTION OF OCEANOGRAPHY,	Orientalis, and Water Conditions of Culturing
W74-04932 7-10 2L	SAN DIEGO, CALIF.	Pond, W74-00486 7-01 50
Human Ecology and Coastal-Zone Pollution,	Scientific Aspects of Maritime Sovereignty	
W74-05597 7-11 5G	Claims, W74-02498 7-05 6E	SERBIAN INST. OF PUBLIC HEALTH, BELGRADE (YUGOSLAVIA), DEPT. OF
Transient Excess-Radon Profiles in Pacific Bot-		SANITARY CHEMISTRY.
tom Water,	SDL INST., TORONTO (ONTARIO). A Planning Model for A Water Quality	Determination of Ametrine and Atrazin
W74-05990 7-12 2K	Management Agency,	Residues in Soil by Thin-Layer Chromatog raphy,
Can Halobates Dodge Nets. I: By Daylight.,	W74-03469 7-07 5G	W74-06024 7-12 5/
W74-06117 7-12 2I	SEATTLE DEPT. OF WATER, WASH.	SERVICE BUREAU CORP., NEW YORK.
Can Halobates Dodge Nets. II: By Moonlight.,	Emphasizing Quality Control,	Water Wave Run-Up on a Beach,
W74-06118 7-12 2I	W74-03636 7-07 5F	W74-02698 7-06 2

7-06 2E

SILVER SPRING, MD. NATIONAL WEATHER SERVICE, HYDROLOGIC RESEARCH AND

	CHELL DEVELOPMENT CO. MODECTO	4 St. 1 4 - 4 - 4 - 4 - 1 - 1 - 1 - 1 - 1 - 1
SERVICIO NACIONAL DE ELECTRICIDAD, SAN JOSE (COSTA RICA).	SHELL DEVELOPMENT CO., MODESTO, CALIF.	A Study on the Accuracy of Runoff Analysis for Pumping Drainage in Paddy Field Area (In
Geothermal Resources of Costa Rica.	Characterization and Microdetermination of a	Japanese),
W74-08977 7-17 2F	Water-Soluble Metabolite from Bladex Herbi-	W74-04811 7-09 4A
SERVICOS HIDRAULICOS, LOURENCO	cide by Conversion to 5,5-Dimethylhydantion, W74-03587 7-07 5A	SHINSHU UNIV., SUWA (JAPAN). SUWA
MARQUES(MOZAMBIQUE).	W17-03307	HYDROBIOLOGICAL STATION.
Water Resources Planning Mozambique (La	SHELL OIL CO., HOUSTON, TEX.	Ecological Studies on Dissolved Oxygen and
Planification Des Resources en Eau au	The Role of Rock Strength Anisotropy in Natu-	Bloom of Microcystis in Lake Suwa: I.
Mozamique),	ral Hole Deviation, W74-03156 7-06 8B	Horizontal Distribution of Dissolved Oxygen in
W74-01629 7-03 6B	W 74-03130 7-00 6B	Relation to Drifting of Microcystis by wind,
SETH G. N. KHALSA COLL., SRI	SHELL OIL CO., LOS ANGELES, CALIF.	W74-03524 7-07 5C
GANGANAGAR (INDIA).	The Effect of Restricted Fluid Entry on Well	SHIVAJI UNIV., KOLHAPUR (INDIA). DEPT.
A Contribution to the Botany of Ganganagar	Productivity, W74-00953 7-02 8B	OF GEOGRAPHY.
District, North Rajasthan, W74-07357 7-14 3F	W74-00953 7-02 8B	A Comparative Sample Study of the Changing
W/4-0/33/ /-14 3F	A Double-Electrode Method of Spontaneous	Land Use Pattern on Either Side of Sahyadri,
SETON HALL UNIV., SOUTH ORANGE, N.J.	Potential Logging,	W74-01748 7-04 3F
DEPT. OF CHEMISTRY.	W74-03170 7-06 8G	SHIZUOKA UNIV. (JAPAN). FACULTY OF
Gas-Solid Chromatography on Macroreticular	SHELL OIL CO., MIDLAND, TEX.	SCIENCE.
Cation Exchange Resins, W74-01495 7-03 5A	Cathodic Protection, Control of External Cas-	Surface Sediments in Hamana Lake, the
W74-01495 7-03 5A	ing Corrosion,	Pacific Coast of Central Japan,
SEVERN RIVER AUTHORITY (ENGLAND).	W74-05085 7-10 8G	W74-09751 7-18 2H
A Mathematical Model of a River Purification	SHELL OIL CO., NEW YORK.	SHOCK HYDRODYNAMICS. SHERMAN OAKS,
Lake,	Pressure Buildup and Flow Tests in Wells,	CALIF.
W74-10571 7-20 5C	W74-10092 7-19 8B	Ouasi-Continuous Explosive Concepts for
The Use of a Commercial Time-Sharing Com-		Hard Rock Excavations,
puter for Water Resource Planning,	Apparatus for Controlling a Polluting Liquid,	W74-06860 7-13 8H
W74-12133 7-23 6A	W74-12436 7-23 5G	
CENTERNAL NATIONNO 1001 PROPERTORI	SHELL OIL CO., NEW YORK. (ASSIGNEE).	SHREVEPORT DEPT. OF WATER AND
SEVERNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI I MELIORATSII,	Sorbent Belt,	SEWERAGE, LA. Effect of Watershed Area Oil Fields on Water
LENINGRAD (USSR).	W74-03672 7-07 5G	Quality,
Generalization of Darcy Law for Rheologically	W/	W74-05079 7-10 5B
Complex Liquids and Error Estimation of Cal-	Waste water treatment, W74-07219 7-14 5D	
culations Based on Darcy Linear Approxima-	W/4-0/219 /-14 3D	SIBERIAN RESEARCH INST. OF
tion,	SHELL RESEARCH LTD., SITTINGBOURNE	PISCICULTURE, TYUMEN (USSR).
W74-12826 7-24 2G	(ENGLAND). WOODSTOCK AGRICULTURAL	Experiment in Computing the Total Production
SHAFER, KLINE AND WARREN, KANSAS	RESEARCH CENTRE. Some Practical Aspects Concerning the Use of	of Zooplankton Using Ural Lakes as an Exam- ple (In Russian),
CITY, MO.	The Molluscicide N-Tritylmorpholine (Frescon)	W74-04120 7-08 2H
Preliminary Study for Central Industrial Dis-	for the Control of Fascioliasis,	
trict Sewers, Department of Public Works,	W74-09525 7-18 5C	SIEMENS UND HALSKE A.G., KARLSRUHE
Kansas City, Missouri. W74-00803 7-02 8A	CHERROOVE HAIV (OHEREC) DEPT OF	(WEST GERMANY).
W/4-00003	SHERBROOKE UNIV. (QUEBEC). DEPT. OF BIOCHEMISTRY.	Examination of Poisson Distributed Measuring Values (Die Uberprufung poissonverteilter
SHEFFIELD (ENGLAND). WATER POLLUTION	Detection and Quantitative Measurement of	Messwerte),
CONTROL DEPT.	Fecal Water Pollution Using a Solid-Injection	W74-01977 7-04 7B
Sedimentation: An Introduction to Solids Flux	Gas Chromatographic Technique and Fecal	
Theory, W74-11261 7-21 5D	Steroids as a Chemical Index,	SIENA UNIV. (ITALY). INST. OF
W/4-11201 /-21 3D	W74-03887 7-08 5A	COMPARATIVE ANATOMY. Mercury Concentration in the Water, Sedi-
SHEFFIELD UNIV. (ENGLAND). DEPT. OF	SHIGA UNIV., OTSU (JAPAN). FACULTY OF	ments and Fauna of an Area of the Tyrrhenian
BOTANY.	EDUCATION.	Coast,
Physiology of Drought Resistance in the	On the Water Quality of Lake Biwa, The Seta	W74-12509 7-23 5B
Soybean Plant (Glycine max): I. The Relation- ship Between Drought Resistance and Growth,	River and some Rivers in Otsu City and the	
W74-03475 7-07 3F	Heavy Metal Content of Bottom Matters of Lake Biwa, (In Japanese),	SIENA UNIV. (ITALY). ISTITUTO DI CHIMICA
	W74-02935 7-06 5B	GENERALE. Voltammetric Behaviour of Copper(III) and Its
SHEFFIELD UNIV. (ENGLAND). DEPT. OF		Analytical Applications.
GEOGRAPHY. Variation in Width-Discharge Relation and	Respiratory Responses to Hypoxic Conditions	W74-04870 7-10 5A
Some Implications for Hydraulic Geometry,	in Crucian Carp Living in Different Habitats, (In Japanese),	
W74-09632 7-18 8B		SILESIAN TECHNICAL UNIV., GLIWICE
		(POLAND). INST. OF ENVIRONMENTAL
SHELL DEVELOPMENT CO., HOUSTON, TEX.	SHIMADZU SEISAKUSHO LTD., TOKYO	PROTECTION ENGINEERING. Comparative Studies on the Determination of
Three-Dimensional Structure of Storm- Generated Currents,	(JAPAN). TOKYO RESEARCH LAB. Hydrocarbon Components to Floating Oil Pol-	Toxicity of Some Pesticides,
W74-12992 7-24 2L		W74-13478 7-24 5C
	W74-13075 7-24 5A	CH VED CODING MIN NATIONAL WEATHER
CHELL DEVELOPMENT CO. HOUSEON THE		

SHIMANE UNIV., MATSUE (JAPAN). FACULTY OF AGRICULTURE.
Parametric Model of Runoff in Low-Lying

Agricultural Lands (In Japanese), W74-02076

SHELL DEVELOPMENT CO., HOUSTON, TEX.

An Oil Recovery System Utilizing Polyu-

An Oil Recovery System
rethane Foam--A Feasibility Study,
7-14 5G

PIPLINE RESEARCH AND DEVELOPMENT

LAB.

SILVER SPRING, MD. NATIONAL WEATHER

Accuracy of Precipitation Measurements for

SERVICE, HYDROLOGIC RESEARCH AND

DEVELOPMENT LAB.

7-04 3F

Hydrologic Modeling, W74-12304

	/n n tmtctt		
SIMON FRASER UNIV., BURNABY COLUMBIA). DEPT. OF BIOLOGIC	(BRITISH AL	SINGAPORE METEOROLOGICAL SERVICE. Some Factors Affecting the Annual Railfall of	An Improved Ion-Exchange Technique for the Concentration of Manganese From Sea Water,
SCIENCES.	Annonce in	Singapore, W74-08459 7-16 2B	W74-05506 7-11 5A
Environmental Control of Game Laminaria saccharina. II. Correlati	ctogenesis in	W/4-08439 /-10 2B	The Influence of Dissolved Oxygen on the
		SINGAPORE PRIMARY PRODUCTION DEPT.	
and Phosphate Concentrate Gametogensis and Selected Metabo		Indications of the Relationship Between Phyto-	Growth of Channel Catfish, W74-06038 7-12 5C
W74-00726	7-02 5C	Plankton Distribution and Phosphate Levels,	
Frater Affacting the Behavior	or of Fine	W74-08476 7-16 5C	Growth and Food Conversion of Rainbow
Factors Affecting the Behavior		SINGAPORE PUBLIC UTILITIES. WATER	Trout Reared in Brackish and Fresh Water,
Waters and Their Sediments,	wo Matural	PLANNING UNIT.	W74-06492 7-12 2I
W74-06064	7-12 5B	Groundwater investigations in Singapore, W74-08455 7-16 4B	Patterns of Water Flow and Sediment Disper-
Marine Fungi Isolated from a Kr.	aft Pulp Mill		sion Adjacent to an Eroding Barrier Island,
Outfall Area,	•	SINGAPORE UNIV.	W74-07920 7-15 2J
W74-07396	7-14 5B	Soil Moisture Under Forest, Bukit Timah Na-	B
Tiels Outlies and Consentation	of Bostoles	ture Reserve, Singapore, W74-05947 7-11 2G	Research to Determine the Environmental
Light Quality and Concentration RNA, DNA and Photosynthetic		W/4-0394/ /-11 2G	Response to the Deposition of Spoil on Salt Marshes Using Diked and Undiked Techniques.
Two Species of Marine Plankton A		Carp Culture in Singapore: A Case Study,	W74-07990 7-15 6G
W74-08736	7-17 5C	W74-11945 7-22 8I	W 14-07390 7-13 00
Vieta Occiliar in Beleater		SINGAPORE UNIV. DEPT. OF ZOOLOGY.	Hydrographic Framework of the Doboy Sound
Light Quality in Relation Photosynthetic Rates and Carbon		Development of Blue-Green Algal Blooms in	Estuary and Surveys of the Other Tidal Inlets
in Two Species of Marine Plankton		Non-Alkaline Waters,	Along the Coast of Georgia,
W74-08737	7-17 SC	W74-08478 7-16 5C	W74-09582 7-18 2L
Sublethal Effects of Several Meta	Ilio Calta Or	SINGAPORE UNIV. FISHERIES BIOLOGY	Chemical Survey of Waters Adjacent to
ganic Compounds Combinations		UNIT.	Colonels Island, Glynn County, Georgia,
Heterotrophic Microflora of a Nati		Research on the Culture of Certain Common	W74-09584 7-18 5A
W74-11352	7-21 5C	Marine Organisms in Singapore Waters, W74-08477 7-16 3F	Sea Water System For Aquaculture of
Effects of Hudroslastric Day	alanment in		Estuarine Organisms at The Skidaway Institute
Effects of Hydroelectric Deve Western Canada on Aquatic Ecosy		SIR GEORGE WILLIAMS UNIV., MONTREAL	of Oceanography,
W74-11944	7-22 5C	(QUEBEC). DEPT. OF BIOLOGICAL SCIENCES.	W74-10670 7-20 5D
SIMON FRASER UNIV., BURNABY	(BDITICU	The Use of Sodium Cyanide as a Fish Eradi-	A Comparison of the Photosynthesis-Light In-
COLUMBIA). DEPT. OF GEOGRAP		cant in Some Quebec Lakes,	tensity Relationship in Phylogenetically Dif-
The Development of Meanders		W74-12696 7-23 8I	ferent Marine Microalgae,
River-Channels,		SKELLY AND LOY, HARRISBURG, PA.	W74-10795 7-20 5C
W74-08357	7-16 2E	Processes, Procedures, and Methods to Control	
SIMON-HARTLEY LTD., STOKE-O	N.TDENT	Pollution from Mining Activities.	A Manual of Flatfish Rearing,
(ENGLAND).	N-I REIVI	W74-07927 7-15 5G	W74-12075 7-23 8I
Electrolytic Flotation,		SKIDAWAY INST. OF OCEANOGRAPHY,	SKIDMORE COLL., SARATOGA SPRINGS, N.
W74-12439	7-23 5D	SAVANNAH, GA.	Y. DEPT. OF BIOLOGY.
CINADA HARMINA DE CERANDO	PROMINE	Patterns of Sediment Transport at Nearshore	Seasonal Variation of Chemical Parameters in
SIMON-HARTLEY LTD., STRAFFO	RUSHIKE	Zones Influenced by Wave and Tidal Currents:	Alaskan Tundra Lakes,
(ENGLAND). (ASSIGNEE) Electrolytic Flotation Apparatus,		A Study Utilizing Fluorescent Tracers,	W74-01347 7-03 SB
W74-08030	7-15 5D	W74-00301 7-01 2L	
		Observations of Net Shoreline Positions and	SKIDWAY INST. OF OCEANOGRAPHY,
SINCLAIR OIL AND GAS CO., TUL		Approximations of Barrier Island Sediment	SAVANNAH, GA.
Determining Formation Water Re	sistivity from	Budgets,	Research to Determine the Environmental
Chemical Analysis.		W74-01372 7-03 2L	Response to the Deposition of Spoil on Salt
W74-04145	7-08 2K		Marshes Using Diked and Undiked Techniques.
SINGAPORE DEPT. OF PUBLIC W	ORKS.	Chemical and Biological Survey of the Savan- nah River Adjacent to Elba Island,	W74-08677 7-16 5C
DRAINAGE AND MARINE BRANC		W74-03804 7-08 5B	SLIPPERY ROCK STATE COLL., PA. DEPT. OF
Flood Control and Water Conservation	vation Works	W/4-03804 /-08 3B	RIOLOGY
in Bukit Timah Catchment, Singap	ore,	Research to Determine the Environmental	The Genus Neochloris Starr (Chlorophyceae,
W74-08456	7-16 4A	Response to the Deposition of Spoil on Salt	Chlorococcales),
Hydrological Activities in Singapo	re	Marshes Using Diked, and Undiked	W74-06760 7-13 5A
W74-08457	7-16 7C	TechniquesFirst Annual Progress Report, W74-05075 7-10 5C	7.10
		# /4-030/3 /-10 SC	SLOVENSKA AKADEMIE VED, BRATISLAVA
SINGAPORE DEPT. OF PUBLIC W	ORKS.	Research to Determine the Environmental	(CZECHOSLOVAKIA). LAB. OF FISHERIES
SEWERAGE BRANCH.		Response to the Deposition of Spoil on Salt	AND HYDROBIOLOGY.
The Reuse of Sewage Effluent	tor Industrial	Marshes Using Diked and Undiked	The Density and Production of Fish Popula-
Purposes in Singapore,	716 50	Techniques-First Annual Progress Report,	tions in the Klicava Reservoir (Czechoslovakia)
W74-08458	7-16 5D	W74-05332 7-10 5C	and Their Changes During the Period 1957-

Transport, Fate and Geochemical Interactions

of Mercury, Cadmium and other Inorganic Pollutants in the Coastal Littoral-Salt Marsh En-

vironment of the Southeastern United States. W74-05501 7-11 5B

Heavy Metal Fluxes Through Salt Marsh Estuaries, W74-05502 7-11 5R 1970,

W74-11169

Littoral of the Danube, W74-04876

SLOVENSKA AKADEMIE VIED, BRATISLAVA

AND HYDROBIOLOGY.
Primary Production of the Periphyton in the

(CZECHOSLOVAKIA). LAB. OF FISHERIES

7-21 2H

7-10 5C

Singapore, W74-08467

Sewerage; Sewage Treatment and Disposal in

Disposal of Industrial Trade Effluents from the

SINGAPORE INST. OF STANDARDS AND

INDUSTRIAL RESEARCH.

Food Industries, W74-08468 7-16 5D

7-16 5D

SOIL CONSERVATION SERVICE, ATHENS, GA.

SLOVENSKA AKADEMIE VIED, KOSICE (CZECHOSLOVAKIA). HELMINTOLOGICKY	SMITHSONIAN INSTITUTION, WASHINGTON, D.C. DIV. OF SEDIMENTOLOGY. Basin Plains in the Eastern Mediterranean: Sig-	Francaises en matiere de protection de l'environnement), W74-12403 7-23 6E
USTAV. Nematoda, Acanthocephala and Hirudinea in	nificance in Interpreting Ancient Marine	
Fishes from the River Hron (Czechoslovakia), (In Czech).	Deposits: 1. Basin Depth and Configuration, W74-07158 7-14 2J	SOCIETE DEGREMONT, PARIS (FRANCE). Recent Developments in Paper Mill Effluent
W74-00679 7-02 2I	OLUMNICALITY IN CONTROL IN CONTROL	Treatment in France (Developpements recents
	SMITHSONIAN INSTITUTION, WASHINGTON, D.C. OFFICE OF ENVIRONMENTAL	du traitement des effluents de papeterie en
Cestoidea of Fish in the River Hron	SCIENCES.	France), W74-12430 7-23 5D
(Czechslovakia), (In Czech), W74-00689 7-02 21	Priapulida of the Chesapeake Bay,	W 14-12430 1-23 3D
W 74-0000	W74-00908 7-02 2L	SOCIETE ENTOMOLOGICA ITALIANA,
Comparison of the Epizootological Importance	Tardigrada of the Chesapeake Bay,	GENOA.
of the Parasites of Salmo Gairdneri Irideus in	W74-00909 7-02 2L	Haliplidae, Dytiscidae and Gyrinidae of the
the Two Coast Areas of Bosnia and Her-		Iseoprovaglio (Lombardy) Peat Bogs
zegovina,	Kinorhyncha of the Chesapeake Bay, W74-00910 7-02 2L	(Coleoptera), (In Italian), W74-11178 7-21 2H
W74-06254 7-12 5C		W/4-111/6 /-21 2H
SLOVENSKE NARODNE MUZEUM.	SMITHSONIAN TROPICAL RESEARCH INST.,	SOCIETE GRENOBLOISE D'ETUDE ET
BRATISLAVA (CZECHOSLOVAKIA).	BALBOA, CANAL ZONE.	D'APPLICATIONS HYDRAULIQUES
Phytoplankton of the Czechoslovak Sector of	Taxonomy, Distribution and Ecology of the Genus Sesarma (Crustacea, Decapoda, Grap-	(FRANCE).
the Danube and of the Estuaries of the Prin-	sidae) in Eastern North America, with Special	Mathematical Model for Oxygen Balance in
cipal Tributaries on Czechoslovak Territory,	Reference to Florida,	Rivers,
(In Czect.),	W74-04880 7-10 2I	W74-05392 7-10 5B
W74-01371 7-03 2I	CNECCADD I HOLLAND LAW CONTROL	SOCIETE GRENOBLOISE D'ETUDES ET
OLOVENOVE BOLVOHOODOD - DOUG	SNESSARD L. HOLLAND LAW CENTER, GAINESVILLE, FLA.	D'APPLICATIONS HYDRAULIQUES
SLOVENSKE POLNOHOSPODARSKE	More Heat Than Light: Thermal Pollution Ver-	(FRANCE), ASSIGNEE.
AKADEMIE, BRATISLAVA	sus Heat Energy Utilization,	Apparatus for Removing Surface Pollutants
(CZECHOSLOVAKIA). LABORATORIUM RYBARSTVA.	W74-07465 7-14 5B	from Water and Other Liquids,
Some Further Results of the Zooplankton Stu-		W74-07223 7-14 5G
dies in the Czechslovak-Hungarian Stretch of	SNOWY MOUNTAINS ENGINEERING CORP.,	SOCIETE INDUSTRIELLE DU TRAITEMENT
the Danube.	COOMA (AUSTRALIA). Hydrologic Investigation and Design in Urban	
W74-02545 7-05 2I	AreasA Review.	DES LIQUIDES ET DES GAZ, LA COURNEUVE (FRANCE).
	W74-04597 7-09 2A	Device and Apparatus for Treating Liquids
Preliminary Data About the Seasonal Changes		Such as Drinking Water and Waste Water,
and Vertical Stratification of Periphyton from	Hydrologic Data for Small Rural Catchments in	W74-11403 7-21 5D
the Middle Reach of the River Danube, W74-04294 7-08 5A	Australia, 1973, W74-04842 7-09 2E	
W /4-04294 7-08 3A	W/4-04642 /-03 2E	SOCIETE NATIONALE DES PETROLES
SMITHSONIAN INSTITUTION, EDGEWATER,	Assessing Systematic Errors in Rainfall-Runoff	D'AQUITAINE, PAU (FRANCE).
MD. CHESAPEAKE BAY CENTER FOR	Models,	Organization of Field Tests and Evaluation of
ENVIRONMENTAL STUDIES.	W74-06893 7-13 2A	Tricone Bit Performance Using Statistical Analysis and Sonic Logs,
Emergent Vascular Plants of Chesapeake Bay	SNOWY MOUNTAINS HYDRO-ELECTRIC	W74-04160 7-08 8G
Wetlands,	AUTHORITY, COOMA (AUSTRALIA).	the second secon
W74-00902 7-02 2L	Hydraulic Model Study to Determine a Stage-	SOIL AND IRRIGATION RESEARCH INST.,
Collection and Analysis of Remotely Sensed	Discharge Relationship,	PRETORIA (SOUTH AFRICA).
Data From the Rhode River Estuary	W74-11531 7-22 2E	Significance of pH and Chloride Concentration
Watershed.	SOBTOKA (STEPHEN) AND CO., NEW YORK.	on Behavior of Heavy Metal Pollutants: Mercu-
W74-10622 7-20 2L	The Impact of Costs Associated with New En-	ry (II), Cadmium (II), Zinc (II), and Lead (II), W74-02155 7-05 5B
SMITHSONIAN INSTITUTION, ROCKVILLE,	vironmental Standards upon the Petroleum Refining Industry. Part II. Structure of the In-	
MD. RADIATION BIOLOGY LAB.	dustry.	SOIL CONSERVATION RESEARCH INST.,
Effect of Light Intensity and Glycerol on the	W74-04076 7-08 3E	ANKARA (TURKEY). IRRIGATION AND
Growth, Pigment Composition, and Ultrastruc-		DRAINAGE DIV. Water Requirements of Various Crops in Arid
ture of Chroomonas Sp.,	SOCIETA ITALIANA RESINE S.P.A., MILAN	and Semi-Arid Zones of Turkey,
W74-07548 7-14 5C	(ITALY). (ASSIGNEE). Multi-Stage Flash Evaporator,	W74-02937 7-06 3F
	W74-02490 7-05 3A	
SMITHSONIAN INSTITUTION, WASHINGTON,		SOIL CONSERVATION SERVICE, ALBANY,
D.C. Evolution of the Law of the SeasDestruction	SOCIETE ALSTHOM, GRENOBLE (FRANCE).	N.Y.
	Apparatus for and Method of Automatically Removing Pollutants From a Flowing Stream,	Urban Storm Drainage Activities in New York,
of the Pristine Nature of Basic Oceanographic Research.	W74-12453 7-23 5G	W74-02171 7-05 4A
W74-02791 7-06 6E		SOIL CONSERVATION SERVICE,
	SOCIETE ALSTHOM, PARIS (FRANCE).	ANCHORAGE, ALASKA.
SMITHSONIAN INSTITUTION, WASHINGTON,	TECHNIQUES DES FLUIDES.	A Comparison of Techniques of Sampling the
D.C. DEPT. OF PALEOBIOLOGY.	Examples of the Use of the 'Seclar' Decanter in Treating Paper Industry Effluents (Exemples	Arctic-Subarctic Snowpack in Alaska,
Foraminifera of the Chesapeake Bay,	d'application du decanteur 'Seclar' au traite-	W74-09609 7-18 2C
W74-00905 7-02 2L	ment d'effluents de l'industrie papetiere),	CONT. CONCERNATION CERTIFICATION
SMITHSONIAN INSTITUTION, WASHINGTON,	W74-08419 7-16 5D	SOIL CONSERVATION SERVICE, ATHENS,
D.C. DEPT. OF VERTEBRATE ZOOLOGY.	SOCIETE AUSSEDAT-REY, SAILLAT	GA. Little Creek Watershed Project, Laurens and
Heavy Metal Concentrations in Museum Fish	(FRANCE).	Wheeler Counties, Georgia (Final Environmen-
Specimens: Effects of Preservatives and Time,	French Legislation and Policies Regarding En-	tal Impact Statement).
W74-08792 7-17 5A	vironmental Protection (Legislation et politique	W74-05996 7-12 4D

SOIL CONSERVATION SERVICE, BERKELEY, CALIF.

SOIL COMSERVATION SERVICE, SERVICET, CHE		
SOIL CONSERVATION SERVICE, BERKELEY,	Flood Hazard Analyses, Sand Creek, City of	SOIL SURVEY OF ENGLAND AND WALES.
CALIF.	Colorado Springs, and El Paso County.	The Effect of Density on Water Retention Pro
Patterson Watershed Project, Stanislaus Coun-	W74-05860 7-11 2E	perties of Field Soils.
ty, California (Final Environmental Impact		W74-00358 7-01 20
Statement).	Drainage System Design and Analysis by Com-	
W74-06987 7-13 4A	puter,	SOIL TESTING SERVICES, INC.,
	W74-13021 7-24 4A	NORTHBROOK, ILL.
Development of an Agricultural Drainage		Effect of Roughness Elements on Hydraulic
Guide,	SOIL CONSERVATION SERVICE, RALEIGH,	Resistance for Overland Flow,
W74-07438 7-14 4A	N.C.	W74-06594 7-13 8I
SOIL CONSERVATION SERVICE, BISMARCK,	Physical Effects of Maintaining Drainage Chan-	COLL CINCE PELIDAN (INAN)
N. DAK.	nels in North Carolina's Coastal Area,	SOILS INST., TEHRAN (IRAN).
Burnt Creek RC and D Measure for Flood	W74-04075 7-08 2E	Agricultural Aspects of Arid and Semi-Ari
Prevention (Final Environmental Statement).	SOIL CONSERVATION SERVICE, SAN	Zones, W74-05216 7-10 31
W74-06002 7-12 4A	The second secon	W /4-05216 /-10 31
7-12 4/1	MARCOS, TEX. Severe Floods at New Braunfels, Texas, May	SOILS INST., TEHRAN (IRAN). SOIL AND
SOIL CONSERVATION SERVICE, BOZEMAN,		WATER CONSERVATION DIV.
MONT.	1972, W74-02173 7-05 2E	Soil and Water Conservation on Arable Lands,
Problems and SCS Specifications for Low	W/4-021/3 7-03 ZE	W74-01633 7-03 31
Head PVC Pipelines.	SOIL CONSERVATION SERVICE,	W 74-01033
W74-08278 7-16 8B	STILLWATER, OKLA.	SOMERSET COUNTY PLANNING BOARD,
	Erosion Control,	SOMERVILLE, N.J.
Baker Lake Watershed Project, Fallon County,	W74-05741 7-11 2J	Water Supply and Distribution.
Montana (Final Environmental Impact State-	174-05741	W74-03647 7-07 61
ment).	SOIL CONSERVATION SERVICE, STORRS,	
W74-12601 7-23 4A	CONN.	SOMERSET RARITAN VALLEY SEWERAGE,
SOIL CONSERVATION SERVICE, GULFPORT,	The Soil Conservation and Its Role in Wetland	SOMERVILLE, N.J.
MISS.	Management for Connecticut,	Improved Distillation Method for Volatil
General Soils Study: Pearl River, Hancock,	W74-08169 7-16 6E	Acids Analysis,
Harrison Counties, Mississippi.		W74-01322 7-03 54
W74-02333 7-05 2G	SOIL CONSERVATION SERVICE,	
117 02333	WASHINGTON, D.C.	SONOMA STATE COLL., ROHNERT PART,
SOIL CONSERVATION SERVICE, HONDO,	Prickett Creek Watershed, West Virginia (Final	CALIF.
TEX.	Environmental Statement).	Thermodynamics of Swelling Clay-Water
No Odor and No Pollution,	W74-00860 7-02 4A	Systems,
W74-10132 7-19 5D		W74-02071 7-04 20
	Lost Creek Watershed, Newton County, Mis-	SOUTH AFRICAN PULP AND PAPER
SOIL CONSERVATION SERVICE, JACKSON,	souri (Final Environmental Statement).	INDUSTRIES LTD., SPRINGS. ENSTRA MILL.
MISS.	W74-00880 7-02 4D	Advanced Treatment of Purified Sewage for
Environmental Aspects of Watershed Planning,	Tallulah Creek Watershed (Long Creed Por-	Production of High-Brightness Pulp and Paper
W74-03215 7-07 6G	tion) Graham County, North Carolina (Final	W74-02280 7-05 51
Moorhead Bayou Watershed, Sunflower Coun-	Environmental Impact Statement).	1 00 01
ty. Mississippi (Final Environmental Impact	W74-01621 7-03 4D	SOUTH CAROLINA AGRICULTURAL
Statement).		EXPERIMENT STATION, CLEMSON.
W74-11143 7-21 6E	Banklick Creek Watershed (Final Environmen-	Effects of Aeration in Earthen Ponds on Water
7-21 OE	tal Impact Statement).	Quality and Production of White Catfish,
Water Quality Considerations in Planning Small	W74-03398 7-07 4D	W74-12251 7-23 5
Watersheds,		
W74-13319 7-24 5G	Little Running Water Ditch Watershed Protec-	SOUTH CAROLINA POLLUTION CONTROL
	tion, Flood Prevention, and Land Drainage RC	AUTHORITY, COLUMBIA.
SOIL CONSERVATION SERVICE, MADISON,	and D Measure Plan (Final Environmental	Charleston Area Sediment Samples,
WIS.	Statement).	W74-09386 7-18 5.
Flood Hazard Analyses, Bonner Branch of the	W74-05806 7-11 4D	COLUMN CAROLINA STATE COLL
Pecatonica River, Belmont, Wisconsin.		SOUTH CAROLINA STATE COLL.,
W74-10635 7-20 2E	Land Resources,	ORANGEBURG. WATER LAB.
CON CONCEDUATION SERVICE OBOXO	W74-05976 7-12 5D	Colorimetric Method for the Determination of
SOIL CONSERVATION SERVICE, ORONO,	Hurricane Creek Watershed Project,	Arsenic (III) in Aquatic Environment,
MAINE		W74-10984 7-21 5.
Ogunquit Sand Dune Land Stabilization Mea-	Humphreys and Dickson Counties, Tennessee (Final Environmental Impact Statement).	SOUTH CAROLINA STATE GOVERNMENT,
sure, York County in Maine, Threshold to	W74-06988 7-13 4D	COLUMBIA.
Maine Resource Conservation and Develop-	W /4-00200 /-13 4D	The Importance of Drinking-Water Programs
ment Project (Final Environmental Statement). W74-02504 7-05 4A	Natwood Watershed, Illinois (Final Environ-	the Total Environmental Goal,
H /4-02504 /-03 4A	mental Statement).	W74-13266 7-24 5
SOIL CONSERVATION SERVICE, PHOENIX.	W74-06990 7-13 4A	7-24 5

W74-00755

7-04 4A

7-02 4A

Hydrologic and Watershed Modeling for Watershed Planning, W74-02224 7-05 4D

Coronado Resource Conservation and Develop-

SOIL CONSERVATION SERVICE, PORTLAND,

ment Project, Program of Action.

Acreage Increase Due to Slope,

Sowashee Creek Watershed, Lauderdale County, Mississippi (Final Environmental Impact Statement). W74-12626 Nutrient Enrichment of Natural Waters, W74-12709

Red Boiling Springs Watershed Project, Macon and Clay Counties, Tennessee, (Final Environmental Impact Statement). W74-13223 7-24 4A

7-23 4A

7-23 5B

SOUTH CAROLINA UNIV., COLUMBIA.

Vertical Distribution of Epiphytic Algae on Spartina alterniflora from Transects Along the Cooper and Wando Rivers,

Vascular Plant Survey of Marsh and Adjacent Highland in Selected Portions of Cooper River and Wando River, W74-09382

The Vegetation of the Cooper River Estuary, W74-09383 7-18 2L

ARIZ.

OREG.

ORGANIZATIONAL INDEX SOUTH PACIFIC REGIONAL COLL. OF TROPICAL AGRICULTURE, ALAFUA (WESTERN

7-03 2F

7-17 3F

W74-11473

Water Loss from an Irrigated Sorghum Field: II. Evapotranspiration and Root Extraction,
W74.00249 7-17 3F

SOUTH DAKOTA STATE UNIV., BROOKINGS.

Identification of Soil Associations in Western

SOUTH DAKOTA STATE UNIV., BROOKINGS.

7-13 2G

DEPT. OF PLANT SCIENCE; AND SOUTH

DAKOTA STATE UNIV., BROOKINGS.

South Dakota on ERTS-1 Imagery,

REMOTE SENSING INST.

W74-06629

SOUTH CAROLINA UNIV.	., COLUMBIA. COLL.	W74-01114	7-03	2F	DEPT. OF PLANT SCIENCES.		
OF ENGINEERING.		SOUTH DAKOTA STATE DEPT. OF	,		Water Loss Estimates from a Fa		
A Study of Selected	Cooling Pond Design	HIGHWAYS, PIERRE.			W74-09546	7-18	2D
Techniques, W74-12015	7-23 5D	Flood Damage in South Dakota,			SOUTH DAKOTA STATE UNIV.,	BROOKING	GS.
W /4-12013	1-23 30	W74-09394	7-18	2E	DEPT. OF SOIL SCIENCE.		
SOUTH CAROLINA UNIV	., COLUMBIA. DEPT.	SOUTH DAKOTA STATE UNIV., BI	OOKING	2	Wind Erosion as a Factor in So	il Formation	n in
OF BIOLOGY.		Development of Bi-Level Drainage			the Pierre-Shale Landscape of	Western So	outh
Structure and Function o		W74-09817	7-19 4	4A	Dakota,		
Soil Subsystems After C	hronic Gamma Irradia-				W74-03781	7-08	2J
tion. II. Microfungi,		SOUTH DAKOTA STATE UNIV., BI			SOUTH DAKOTA STATE UNIV.,	RROOKING	CS
W74-07825	7-15 5C	AGRICULTURAL COOPERATIVE	EXTENSIO	N	DEPT. OF SOILS.	DA COMMITTE	
SOUTH CAROLINA UNIV	COLUMBIA. DEPT.	SERVICE. Cost of Rural Community Wate	and Com		Plant Nutrient Concentrations i	n Runoff fr	rom
OF GEOLOGY.	,,	Systems Compared to Private Syst		/CI	Fertilized Cultivated Erosion Pl	ots and Pra	airie
Scouring of Buried Plei	istocene Barrier Com-	W74-10098	7-19	6C	in Eastern South Dakota,		
plexes as a Source of 6	Channel Sand in Tidal				W74-02154	7-05	5B
Creeks, North Island	Quadrangle, South	SOUTH DAKOTA STATE UNIV., BI		S.	SOUTH DAKOTA STATE UNIV.,	PROOFING	re
Carolina,		AGRICULTURAL EXTENSION SER			INST. OF IRRIGATION TECHNO		us.
W74-01960	7-04 2J	How Wells Affect Shallow Gla Water Supplies in South Dakota,	cial Groun	ıd-	South Dakota Standards for Ir		mns
Santee Submergence, E.	rample of Cualia Sub	W74-10873	7-20	4D	and Power Units.	inguition i di	P.
merged and Emerged Sec		W /4-100/3	1-20	40	W74-07895	7-15	8C
W74-07247	7-14 2L	SOUTH DAKOTA STATE UNIV., BI	ROOKING	S.			
474-07247	7-14 20	DEPL. OF PLANT SCIENCE.			South Dakota Standards for Cor		
SOUTH CAROLINA WAT	ER RESOURCES	Increasing Water Utilization Eff			rigation Wells in Shallow Unco	nsolidated (Gla-
COMMISSION, COLUMB		Pasture Grass by Increasing	Afterma	ath	cial Sediments, W74-07896	7-15	
Wando River Environm	nental Quality Studies,	Through Plant Selection, W74-03773	7-08	212	W /4-U/896	7-13	84
An Interim Report.		W /4-03//3	7-00	31	Irrigation Well Construction.		
W74-06919	7-13 5B	SOUTH DAKOTA STATE UNIV., B	ROOKING	S.	W74-07897	7-15	8A
SOUTH CAROLINA WILI	DLIFE AND MARINE	DEPT. OF AGRICULTURAL ENGIN					
RESOURCES DEPT., CHA		Hydraulics of a Center Pivot Syste			SOUTH DAKOTA STATE UNIV.,	BROOKING	GS.
Definition of Critical C		W74-06583	7-13	3F	REMOTE SENSING INST. Crop Identification Using ERTS	Imagen	
proaches to Standards for		SOUTH DAKOTA STATE UNIV., B	ROOKING	S.	W74-01667	7-04	315
W74-08532	7-16 2L	DEPT. OF BIOCHEMISTRY.			W 74-01007	7-04	31
SOUTH CAROLINA WILI	NAMES AND MADES	Simplified Spectrophotometric	Analysis	of	Monitoring Flood Damage	with Sate	ellite
RESOURCES DEPT., CHA		Plants for Selenium,			Imagery,		
RESOURCES CENTER.	ARLESTON. MARINE	W74-01406	7-03	2K	W74-08294	7-16	4A
A Systematic Survey o	of Intertidal Oysters in	Consequences of High Nitrate L	evels in Fe	eed	SOUTH DAKOTA STATE UNIV.,	PROOFIN	ce
the Savannah River I		and Water Supplies,			WATER RESOURCES INST.	BROOKING	03.
Carolina,		W74-10296	7-19	5C	Operational Evaluation of Irriga	tion System	ıs.
W74-00300	7-01 5C	SOUTH DAKOTA STATE UNIV., B	BOOKING		W74-12368	7-23	
Survey of the South Car	olina Oustan Eisham	DEPT. OF CIVIL ENGINEERING.	KOOKING	3.			
W74-01830	7-04 6C	Quantification of Pollutants in Ag	ricultural F	Zn-	SOUTH DAKOTA UNIV., VERMI	LLION. DE	PT.
W /4-01030	, , ,	noff,			OF BIOLOGY. An Ecological Study of the	Missauri D	
SOUTH CAROLINA WILI	DLIFE RESOURCES	W74-08942	7-17	5B	Prior to Channelization.	Missouri K	civer
DEPT., CHARLESTON. M	IARINE RESEARCH				W74-07744	7-15	21
LAB.		SOUTH DAKOTA STATE UNIV., B DEPT. OF PLANT SCIENCE.	KOOKING	3.			
South Carolina's New	w Marine Resources	Water-Leachable Nutrients from	n Frozen	or	Seasonal Changes in the Drift		
Center,	2.24 .27	Dried Prairie Vegetation,	. rtozen	•	Macroinvertebrates in the Uncl	nannelized l	Mis-
W74-12775	7-24 2L	W74-05696	7-11	5B	souri River in South Dakota,		**
SOUTH DAKOTA COOPE	ERATIVE FISHERY				W74-11160	7-21	30
UNIT, BROOKINGS.		The Significance of Rainfall on S um Accumulations Under Irrigation		di-	A Comparison of the Macroin	vertebrate /	Auf-
Nutrient Sources and T		W74-07743	7-15	30	wachs in the Unstabilized and	Stabilized !	Mis-
and Central Regions of t		., , , , , , , , , , , , , , , , , , ,	13	30	souri River,		
W74-01115	7-03 5B	Effect of Establishment Method,			W74-11161	7-21	5C
SOUTH DAKOTA SCHOO	OF MINES AND	Seeding Rate on the Production a		of	SOUTH PACIFIC REGIONAL CO	III OF	
TECHNOLOGY, RAPID C		Alfalfa Under Dryland and Irrigat		25	TROPICAL AGRICULTURE, ALA		
GEOLOGICAL ENGINEE		W74-08077	7-15	31	(WESTERN SAMOA).		
Large Springs in the Bla		Water Loss from an Irrigated Sor	ghum Field	: I.	A Note on the Relationship B	etween Siz-	e of
and Wyoming,		Water Flux Within and Below the			Area and Soil Moisture Variabil	ity,	

SOUTH DAKOTA SCHOOL OF MINES AND

Calculation of Permeability of Cretaceous

Sandstones from Pumping and Static Level Data in Selected Areas of Western South

Determination of the Total Storage Capacity of

the Cretaceous Sandstone Aquifers in South

TECHNOLOGY, RAPID CITY. DEPT. OF GEOLOGY AND GEOLOGICAL

ENGINEERING.

W74-01113

7-15 5C

7-14 2L

7-23 3F

W74-09248

SOUTH CAROLINA UNIV., COLUMBIA BELLE

The Influence of Temperature and Salinity on

the Toxicity of Cadmium to the Fiddler Crab,

SOUTH CAROLINA UNIV., COLUMBIA. COLL.

of the Rapphannock River Estuary,

Biogeochemical Variables in Bottom Sediments

W. BARUCH COASTAL RESEARCH INST.

Uca pugilator,

OF ARTS AND SCIENCES.

W74-07699

W74-12367

SOUTH STAFFORDSHIRE WATERWORKS CO. (ENGLAND).

SOUTH STAFFORDSHIRE WATERWORKS CO. (ENGLAND).	SOUTHERN CALIFORNIA METROPOLITAN WATER DISTRICT, LOS ANGELES.	SOUTHWESTERN GREAT PLAINS RESEARCH CENTER, BUSHLAND, TEX.
The Design of a Two-Reservoir River Regulat-	Conjunctive Operation of Southern California Ground Water Basins with the State Water Pro-	Soil Conditions Under Feedlots and on Land Treated with Large Amounts of Anima
ing Scheme, W74-12132 7-23 4A	ject, W74-06943 7-13 4B	Wastes, W74-00399 7-01 5E
SOUTH STAFFORDSHIRE WATERWORKS CO.		
(ENGLAND). DISTRIBUTION DEPT. The Design, Planning and Construction of a 45	Corrosive Effects of Southern California Pota- ble Waters,	Movement and Accumulation of Suspender Sediment During Basin Recharge, W74-03240 7-07 4F
inch Diameter Water Main Across a Congested	W74-07866 7-15 8G	W 74-03240 7-07 4E
Area of West Bromwich, W74-07751 7-15 8A	SOUTHERN ILLINOIS UNIV., CARBONDALE.	Sugarbeet Response to Irrigation as Measured
W/4-0//31 /-13 6A	Algae Control in Water Supply Reservoirs,	with Growth Sensors, W74-08079 7-15 31
SOUTHAMPTON UNIV. (ENGLAND). DEPT. OF	W74-11165 7-21 5F	Cultural Practices for Irrigated Winter Whea
GEOLOGY. Carbonate Cementation of Some Pleistocene	SOUTHERN ILLINOIS UNIV., CARBONDALE.	Production,
Temperate Marine Sediments,	DEPT. OF GEOGRAPHY. Effects of High-Magnitude Floods on Channel	W74-10327 7-19 31
W74-00106 7-01 2J	Form: A Case Study in Maryland Piedmont.	SCUTHWESTERN ILLINOIS METROPOLITAN
SOUTHAMPTON UNIV. (ENGLAND). DEPT. OF	W74-09904 7-19 2J	AREA PLANNING COMMISSION,
OCEANOGRAPHY.	COUTUEDN II I MOIC UNIV. CARBONDALE	COLLINSVILLE.
Concentrations of Some Trace Metals in	SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF ZOOLOGY.	Comprehensive Water and Sewer Plan, Ran dolph County, Illinois.
Pelagic Organisms and of Mercury in Northeast	The Effects of Hypoxia on Certain Blood and	W74-01474 7-03 5I
Atlantic Ocean Water,	Tissue Electrolytes on Channel Catfish, Ictalu-	
W74-01523 7-03 5C	rus Punctatus (Rafinesque),	Background Survey. Surface Drainage Program, Madison, Saint Clair, Monroe and Ran
Seasonal Changes in the Organic Forms of Car-	W74-13092 7-24 5C	dolph Counties, Illinois.
bon, Nitrogen and Phosphorus in Sea Water at	SOUTHERN ILLINOIS UNIV., CARBONDALE.	W74-07066 7-14 4/
El in the English Channel During 1968,	FISHERIES RESEARCH LAB. AND DEPT. OF	Study Design. Surface Drainage Program
W74-02369 7-05 5B	ZOOLOGY. A Portable Apparatus for Pressure Sieving Bot-	Madison, St. Clair, Monroe and Randolpi
The Occurrence of Some Trace Metals in	tom Samples,	Counties, Illinois.
Coastal Organisms with Particular Reference to	W74-12258 7-23 7B	W74-07083 7-14 4
the Solent Region, W74-11332 7-21 5B	SOUTHERN ILLINOIS UNIV.,	SOUTHWESTERN IRRIGATION FIELD
W/4-11332 /-21 3B	EDWARDSVILLE.	STATION, BRAWLEY, CALIF.
SOUTHEASTERN MASSACHUSETTS UNIV.,	Pollution and Poisoning,	Drain Installation for Nitrate Reduction, W74-00398 7-01 50
NORTH DARTMOUTH. DEPT. OF BIOLOGY.	W74-11702 7-22 5B	
The Use of the Dilution Water Effect as a Water Quality Criterion,	SOUTHERN METHODIST UNIV., DALLAS,	SOUTHWESTERN PENNSYLVANIA
W74-08356 7-16 5A	TEX. INST. OF TECH.	REGIONAL PLANNING COMMISSION, PITTSBURGH.
	Industrial Application of Whitford's Demand	Scape: A Computer Model for Alternativ
SOUTHEASTERN MASSACHUSETTS UNIV.,	Forecasting Procedure,	Sewer System Cost Evaluation,
NORTH DARTMOUTH. DEPT. OF CIVIL ENGINEERING.	W74-08015 7-15 6D	W74-05873 7-11 51
Effects of Highways on Surface and Subsur-	SOUTHERN OREGON COLL., ASHLAND.	SOVETSKII NATSIONALNYI KOMITET PO
face Waters,	DEPT. OF GEOGRAPHY.	PROVEDENIYU MEZHDUNARODNOI
W74-03607 7-07 4C	Application and Consequences of Precipitation Observations in the Republic of Sudan in View	BIOLOGICHESKOI PROGRAMMY, MOSCOW (USSR).
SOUTHEASTERN WISCONSIN REGIONAL	of the Nomadic Life and Economy,	Formation of the Annual Ring and the Accumu
PLANNING COMMISSION, WAUKESHA.	W74-02348 7-05 2B	lation of Organic Matter in Trees, (In Russian)
Floodland and Shoreland Development Guide.	SOUTHERN PIEDMONT CONSERVATION	W74-03466 7-07 2
W74-01483 7-03 4A	RESEARCH CENTER, WATKINSVILLE, GA.	SPARCOM, INC., ALEXANDRIA, VA.
A Comprehensive Plan for the Fox River	A Survey of Stomatal Movements and As-	Preliminary Design Criteria, Performance an
Watershed: Volume One: Inventory Findings	sociated Potassium Fluxes in the Plant King-	Limitations of an Airborne Laser Bathymetri System,
and Forecasts.	dom, W74-05769 7-11 2I	W74-06296 7-12 7
W74-01856 7-04 4D	W/4-03/09 7-11 21	
A Comprehensive Plan for the Fox River	SOUTHWEST FLORIDA WATER	SPECTRAL AFRICA (PTY) LTD., RANDFONTEIN (SOUTH AFRICA).
Watershed: Volume Two: Alternative Plans	MANAGEMENT DISTRICT, BROOKSVILLE. On Water Resource Conditions in the Vicinity	Monitoring Vegetation Cover on Mine Dump
and Recommended Plan.	of Pinellas County's Eldridge Wilde Well Field.	with ERTS-1 Imagery: Some Initial Results,
W74-01857 7-04 4D	W74-06232 7-12 4B	W74-02574 7-05 7
Integrating Natural Resources into Areawide	SOUTHWEST RESEARCH INST., HOUSTON,	SPERRY RAND CORP., NEW YORK.
and Local Planning: The Southeastern Wiscon-	TEX.	(ASSIGNEE)
sin Experience, W74-03965 7-08 6B	Development of Sample Preparation Methods	System for Survellance of Ocean Dumping W74-03021 7-06 5
W74-03965 7-08 6B	for Analysis of Marine Organisms,	
SOUTHERN CALIFORNIA COASTAL WATER	W74-10190 7-19 5A	SPLIT INST. OF OCEANOGRAPHY AND FISHERIES, (YUGOSLAVIA).
RESEARCH PROJECT, LOS ANGELES.	SOUTHWEST RESEARCH INST., SAN	Long-Term Annual Fluctuations of Mercury
Sources of Trace Metals from Highly-Ur-	ANTONIO, TEX.	the Zooplankton of the East Central Adriatic,
banized Southern California to the Adjacent Marine Ecosystem.	The Future Role of Desalting in Nevada, W74-08065 7-15 3A	W74-11291 7-21 5
W74-09209 7-17 5B	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SPOTTS, STEVENS AND MCCOY,

7-20 5D

The Environmental Impact Concept, and Its
Effect on the National Gas Industry,
W74-09489
7-18
5C
W74-10825

The Disposal of Waste in the Ocean, W74-12956 7-24 5E

STANDARD OIL CO. OF CALIFORNIA, SAN

Pressure Interference Effects Within Reser-

FRANCISCO.

W74-05087

7-17 5D

voirs and Aquifers,

SPRINGFIELD MUNICIPAL WATER WORKS,

Direct Filtration: An Economic Answer to a City's Water Needs,

MASS. WATER DEPT.

W74-08788

STATE UNIV. COLL., BROCKPORT, N.Y. DEPT. OF BIOLOGICAL SCIENCES.

7-10 4B STANFORD UNIV., CALIF. DEPT. OF

Projects. W74-03472

GEOLOGY.

Analyzing the Environmental Impacts of Water

7-07 6G

SPRINGFIELD PLANNING DEPT., MASS.	CTANDARD THE PROMOTE AND CARLED BEY	Deletion of EDTS 1 Detected Control State
Conservation-Open Space Plan; Amendments	STANDARD TELEPHONES AND CABLES PTY.	Relation of ERTS-1 Detected Geologic Stuc-
to the Springfield Comprehensive Plan.	LTD., ALEXANDRIA (AUSTRALIA). Sludge Blanket for Water Treatment.	ture to Known Economic Ore Deposits, W74-01707 7-04 7C
W74-03634 7-07 3D	W74-10020 7-19 5D	W /4-01/0/
W 74-03034	W/4-10020 /-19 3D	Computer Simulation of Shallow-Water Marine
SPROULE (J. C.) AND ASSOCIATES LTD.,	STANFORD LINEAR ACCELERATOR	Sedimentation.
CALGARY (ALBERTA).	CENTER, CALIF.	W74-03109 7-06 2J
Potential Uses For Borehole Logs in Mineral	Annual Environmental Monitoring Report of	
Exploration,	Stanford Linear Accelerator Center (California)	Ground-Water Hydraulics in Aquifer Manage-
W74-10105 7-19 8G	- January-December 1972.	ment,
	W74-09858 7-19 5A	W74-03913 7-08 4B
SREDNEASIATSKII NAUCHNO-	W14-07030	
ISSLEDOVATELSKII	STANFORD RESEARCH INST., IRVINE,	Remanent Magnetization of Modern Tidal Flat
GIDROMETEOROLOGICHESKII INSTITUT,	CALIF.	Sediments from San Francisco Bay, California,
TASHKENT (USSR).	The Bosporus,	W74-07173 7-14 2L
Hydrological Regime of Glaciers in the Alay	W74-12372 7-23 2L	
Range, Central Asia,		A Numerical Model Based on Coupled One-
W74-09346 7-18 2C	STANFORD RESEARCH INST., MENLO PARK,	Dimensional Richards and Boussinesq Equa-
SREDNEAZIATSKII GOSUDARSTVENNYI	CALIF.	tions,
	Lidar Evaluation of Fog Dissipation	W74-07515 7-14 2F
INSTITUT PO PROEKTIROVANIYU	Techniques,	Optimal Pumping for Aquifer Dewatering,
IRRIGATSIONNYKH SOORUZHENII I	W74-01888 7-04 2B	W74-09620 7-18 4B
SELSKIKH ELEKTROSTANTSII, TASHKENT		W /4-09020 /-16 4B
(USSR).	Field Ionization Mass Spectrometry: A New	Optimal Pumping for Aquifer Dewatering,
Spatial Variation Patterns of Moisture Content	Tool for the Analytical Chemist,	W74-10325 7-19 4B
of Irrigated Soil Under Cotton	W74-05302 7-10 5A	W14-10323
(Zakonomernosti prostranstvennoy iz-		STANFORD UNIV., CALIF. GRADUATE
menchivosti vlazhnosti oroshayemoy pochvy	Analysis of ERTS Imagery Using Special Elec-	SCHOOL OF BUSINESS.
pod khlopchatnikom),	tronic Viewing/Measuring Equipment,	Supply Curve for Thermal Efficiency,
W74-06303 7-12 2G	W74-06659 7-13 7C	W74-08509 7-16 6A
CDC DARGUEDONIO BODELAND ODDO	COLUMN DESCRIPTION NOT ASSESS OF THE	W 14-00303
SRG PARTNERSHIP, PORTLAND, OREG.	STANFORD RESEARCH INST., MENLO PARK,	STANFORD UNIV., PACIFIC GROVE, CALIF.
Lower Willamette River Management Plan.	CALIF. OPERATIONAL EVALUATION DEPT.	HOPKINS MARINE STATION.
W74-03121 7-06 4A	Aesthetics in Environmental Planning.	Seasonal Variations of Cadmium, Copper,
STAATL INSTITUT FUER SEENFORSCHUNG	W74-04987 7-10 6G	Manganese, Lead, and Zinc in Water and
UND SEENBEWIRTSCHAFTUNG,	CTANEODD UNIV CALLE	Phytoplankton in Monterey Bay, California,
LANGENARGEN (WEST GERMANY).	STANFORD UNIV., CALIF.	W74-00829 7-02 2K
Direct Counts and Plate Counts of Bacteria in	Stimulation Modes of Geothermal Aquifers,	7 7 21
the Danube between Berg Spring and Ulm (In	W74-02876 7-06 4B	Respiration Rates of Some New Zealand
	A Consol Bossess Builden Theory for a Well	Echinoderms (Note),
German), W74-05362 7-10 5A	A General Pressure Buildup Theory for a Well	W74-02949 7-06 5A
W /4-03362 /-10 3A	in a Closed Drainage Area, W74-04144 7-08 8B	
STAATLICHES INSTITUT FUER	W/4-04144 /-08 8B	Trace Elements in Marine Shrimp,
SEENFORSCHUNG UND	Continuous Simulation Models in Urban	W74-07806 7-15 5C
SEENBEWIRTSCHAFTUNG, KONSTANZ	Hydrology,	
(WEST GERMANY). ABTEILUNG MAX	W74-09479 7-18 3D	STANLEY CONSULTANTS, INC., MUSCATINE,
AUERBACH-INSTITUT.	W14-03475	IOWA. DEPT. OF ENGINEERING.
The Relation Between Phytoplankton and	Hydrogeology Field Trip, East Bay Area and	Stability and Reach Length in Water Surface
Phosphate in the Lake of Constance, (In Ger-	Northern Santa Clara Valley,	Profile Determination,
man),	W74-10850 7-20 2F	W74-01152 7-03 2E
W74-04637 7-09 5C		CHARLES THE TARRADO TO
	The Conflict Between Consumption and Pollu-	STARLINE, INC., HARVARD, ILL.
STABILIZATION CHEMICALS, ANAHEIM,	tion,	Agitating, Pumping, and Injecting Liquid
CALIF. (ASSIGNEE)	W74-13236 7-24 5G	Manure,
Shoreline Construction for Artificial Water		W74-10307 7-19 5D
Bodies,	STANFORD UNIV., CALIF. DEPT. OF CIVIL	STATE HYDRAULIC WORKS, ANKARA
W74-05882 7-11 8A	ENGINEERING.	(TURKEY), DEPT. OF HYDROGRAPHIC
	Observations and Experiments on Solitary	MAPPING AND PHOTO GEOLOGY.
STAMM-SCHEELE, INC., RAYNE, LA.	Wave Deformation,	Possible Application of Remote Sensing for
Operation and Maintenance of Wells,	W74-01215 7-03 8B	
W74-09524 7-18 8G	A Total de la Differencia de la Companya de la Comp	Underground Water Exploration in Turkey, W74-04568 7-09 7B
STANDARD OIL CO. OF CALIFORNIA.	An Investigation of the Deformation and	W74-04568 7-09 7B
HUNTINGTON BEACH. PRODUCTION	Breaking of Solitary Waves,	STATE INST. FOR HYDROLOGY AND
	W74-02694 7-06 2E	METEOROLOGY, WARSAW (POLAND).
OFFICE. Sand Control, (Part 4), Combinations, Com-	Implications of the National Water Commission	Chemical Method of Water Flow Measurement
parisons, and Costs,	Report for the Universities Council on Water	in Open Channels.
W74-07851 7-15 8A	Resources,	W74-11515 7-22 7B
1-13 8A	W74-03173 7-06 6B	7-22 7B
STANDARD OIL CO. OF CALIFORNIA,	17-03173 7-00 UB	STATE UNIV. COLL., BROCKPORT, N.Y.
HUNTINGTON BEACH. WESTERN	A Dynamic ProgrammingSimulation Strategy	DEPT. OF BIOLOGICAL SCIENCES.
OPERATIONS DIV.	for the Capacity Expansion of Hydroelectric	Microbial Degradation of Oil and Hydrocar-
Sand Control in Oil and Gas Wells, Part I,	Power Systems,	bons in Continuous Culture,
W74-07891 7-15 8B	W74-03470 7-07 8C	W74-08615 7-16 5B
		OR-217
		OR-217

STATE UNIV. COLL., FREDONIA, N.Y.

STATE UNIV. COLL., FREDONIA, N.Y.	STATE UNIV. OF NEW YORK BRONX.	STATE UNIV. OF NEW YORK, STONY
Correlation Between CO2 and O2 Concentr		BROOK.
tions in Lake Erie, USA, W74-07025 7-13	Development of a Pollution-Free Cargo Tank	Two-Dimensional Seepage in Layered Soil- Destabilizing Effects of Flows with an Un-
117-07025	W74-10249 7-19 5D	steady Free Surface,
STATE UNIV., COLL., FREDONIA, N.Y. DEPT		W74-12315 7-23 2G
OF GEOLOGY.	STATE UNIV. OF NEW YORK, BUFFALO.	STATE UNIV. OF NEW YORK, STONY
Evaluation of the Use of the Heated Graphi		BROOK. MARINE SCIENCES RESEARCH
Atomizer for the Routine Determination Trace Metals in Water,	of Pharmacodynamics of Methyl Mercury in the Rainbow Trout (Salmo Gairdneri): Tissue Up-	CENTER.
W74-01316 7-03 5		Geologic Aspects of Waste Solids and Marine
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W74-07597 7-14 5C	Waste Deposits, New York Metropolitan Re-
STATE UNIV. COLL., GENESEO, N.Y. DEPT.		gion,
OF BIOLOGY.	Cadmium Uptake and Time Dependent Altera-	W74-07171 7-14 5B
Salinity Adaptation by Dunaliella Tertiolecta.		Possible Effects of Construction and Operation
Increases in Carbonic Anhydrase Activity a	WIRA 00240 716 60	of a Supertanker Terminal on the Marine En-
Evidence for a Light-Dependent Na (Plus) (Plus) Exchange,	H W/4-06346 /-10 3C	vironment in New York Bight,
W74-01427 7-03	STATE UNIV. OF NEW YORK, BUFFALO.	W74-07488 7-14 5C
W/4-0142/	DEPT. OF BIOLOGY.	Dredging and Spoiling on Long Island,
STATE UNIV. COLL., OSWEGO, N.Y. LAKE	Detailed Time Variations in Mean Temperature	W74-10439 7-20 5C
ONTARIO ENVIRONMENTAL LAB.	and Heat Content of Some Madison Lakes,	
Determination of Trichlorfon (0,0-Dimeth		Erosion of the North Shore of Long Island,
(2,2,2-Trichloro-1-Hydroxyethyl)Phosphonate	STATE UNIV. OF NEW YORK, BUFFALO.	W74-10440 7-20 2J
in Forest Environmental Samples,	DEDT OF CHEMICAL ENGINEEDING	Sediment and Waste Deposition in New York
W74-03588 7-07	Mixed Culture Biooxidation of Phenol. I.	Harbor,
STATE UNIV. COLL., PLATTSBURGH, N.Y.	Determination of Kinetic Parameters,	W74-11874 7-22 5B
DEPT. OF BIOLOGICAL SCIENCES.	W74-03879 7-08 5C	
Toxicity of Lead Nitrate to Algae,	Mind Colors Dissided of Disside W	STATE UNIV. OF NEW YORK, SYRACUSE.
W74-03595 7-07	Mixed Culture Biooxidation of Phenol. II. Steady State Experiments in Continuous Cul-	COLL. OF ENVIRONMENTAL SCIENCE AND FORESTRY.
	ture.	Trail-Marking and Alarm Pheromones of Some
STATE UNIV. OF NEW YORK, ALBANY.	W74-03880 7-08 5C	Ants of the Genus Atta,
A Field Study of Langmuir Circulations,		W74-11802 7-22 5A
W74-04845 7-09	H Mixed Culture Biooxidation of Phenol. III. Ex-	
The Cooperative Approach to Environmen	istence of Multiple Steady States in Continuous	STATE UNIV. OF NEW YORK, SYRACUSE.
Enhancement,	Culture with Wall Growth,	COLL. OF FORESTRY.
W74-12477 7-23	5G W74-03881 7-08 5C	Water in Wood, W74-04545 7-09 2I
	STATE UNIV. OF NEW YORK, BUFFALO.	W 74-04343 7-09 21
STATE UNIV. OF NEW YORK, ALBANY.	DEPT. OF CHEMISTRY.	STATE UNIVERSITY OF NEW YORK,
ATMOSPHERIC SCIENCES RESEARCH	Ion Selective Sensors,	ALBANY.
CENTER.	W74 01506 7.02 5.4	Structure and Modification of Clouds and
Wave Interaction and Langmuir Circulations W74-04844 7-09	u .	Fogs,
W /4-04844	Ion-Electrode Based Automatic Glucose Analy-	W74-11745 7-22 3B
STATE UNIV. OF NEW YORK, ALBANY.	sis System,	STATE UNIVERSITY OF NEW YORK,
DEPT. OF ATMOSPHERIC SCIENCE.	W74-01513 7-03 5A	SYRACUSE. COLL. OF ENVIRONMENTAL
The Development from Two-Dimensional	to Ring-Disk Electrode Study of the Anodic	SCIENCE AND FORESTRY.
Three-Dimensional Turbulence Generated	Behavior of Gold in 0.2M Sulfuric Acid,	The Characterization of Spent Alkali/Oxygen
Breaking Waves,	W74-05446 7-11 2K	Bleaching Liquor,
W74-12996 7-24		W74-12943 7-24 5A
STATE UNIV. OF NEW YORK, ALBANY.	Rotating Ring-Disk Electrode Study of the Ad-	STATION D'HYDROBIOLOGIE
DEPT. OF BIOLOGICAL SCIENCES.	sorption of Lead on Gold in 0.5M Potassium	CONTINENTALE, BIARRITZ (FRANCE).
Two New Species of Caryophyllid Tapewor	Chloride, w74-07555 7-14 2K	Introduction to the Faunistic Study of Diptera
from Catostomid Fishes in Tennessee,	W14-01333	in a Stream From the Pyrenees Near the Atlan-
W74-02995 7-06	2I STATE UNIV. OF NEW YORK, BUFFALO.	tic Coast: The Lissuraga, (In French),
	DEPT. OF CIVIL ENGINEERING.	W74-11179 7-21 2E
STATE UNIV. OF NEW YORK, BINGHAMTO	N. Hydrologic Models of the Great Lakes,	Influence of Ecological Factors on the Condi-
DEPT. OF BIOLOGICAL SCIENCES.	W74-07826 7-15 2H	tion Coefficient of a Teleostean Fish (Cottus
Photomorphogenesis and Nostocace		Gobio L.) (Influence Des Facteurs Ecologiques
Development, W74-12576 7-23		Sur Le Coefficient De Condition D'un
1-23	W74-09402 7-18 2H	Teleosteen (Cottus Gobio L.),
STATE UNIV. OF NEW YORK, BINGHAMTO	N.	W74-13099 7-24 5C
DEPT. OF BIOLOGY.	STATE UNIV. OF NEW YORK, BUFFALO.	STATIUNEA DE CERCETARI PISCICOLE,
Digenetic Trematodes of Fish From Vo		BRAILA (RUMANIA).
River Drainage System in Ghana Prior to Co		A New Type of Incubator Used in the Induced
struction of Volta Dam at Akosombo in M 1964,	ay Resonance, W74-11480 7-22 8B	Spawning of Phytophagous Fishes, (In Rumani-
W74-02077 7-04		an),
7-04	STATE UNIV. OF NEW YORK, BUFFALO.	W74-07434 7-14 8I
STATE UNIV., OF NEW YORK,	FACULTY OF ENGINEERING AND APPLIED	STAUFFER CHEMICAL CO., N.Y.
BINGHAMTON. DEPT. OF GEOLOGICAL	SCIENCES.	Filter and Slurry Metering System,
SCIENCES.	On the Solution of Transient Free-Surface	W74-10028 7-19 5D
Marty Diagonasis: Exponsible Sail Clay 6	on Class Danklama in Dannes Madie has the Cinita	

Flow Problems in Porous Media by the Finite Element Method,

W74-06890

7-20 2J

STAZIONE SPERIMENTALE PER LA

7-13 2F CELLULOSA, CARTA E FIBRE TESSILI

W74-10373

Early Diagenesis: Expansible Soil Clay-Sea Water Reactions,

SWEDISH FOREST PRODUCTS RESEARCH LAB., STOCKHOLM.

VEGETALI ED ARTIFICIALI, MILAN (ITALY).	and Wales Classified According to the Sources	SUN OIL CO., TOLEDO, OHIO.
LABORATORIO ANALISI DELLE ACQUE.	and Hardness of Their Water Supplies, 1958-	Sun Oil Develops Water Reuse Program,
Waste Water Problems of the Textile Industry.	1967,	W74-07882 7-15 5D
Part I. Oxygen Demand of Printing Paste Thickeners. (Problemi inerenti le acque di scar-	W74-12818 7-24 5C	SUNDERLAND AND SOUTH SHIELDS WATER
ico nell'industria tessile. Io. La domanda di os- sigeno di addensanti da stampa),	STOCKTON DEPT. OF PUBLIC WORKS, CALIF.	CO. (ONTARIO). Management Information in the Water Indus-
W74-08421 7-16 5B	Packinghouse Waste Treatment.	try,
STEINMULLER (L. AND C.) G.M.B.H.,	W74-06511 7-13 5D	W74-12111 7-23 4A
GUMMERSBACH (WEST GERMANY).	STONE (RALPH) AND CO., INC., LOS	SUPERIOR OIL CO., HOUSTON, TEX.
Device For Continuously Treating Liquids,	ANGELES, CALIF.	The Sulfate-Reducing Bacteria and Oilfield
W74-10489 7-20 5D	Intermedia Aspects of Air and Water Pollution Control.	Bacterial Corrosion - A Review of the Current
STEPHEN F. AUSTIN STATE COLL.,	W74-00703 7-02 5B	State-of-the-Art, W74-07902 7-15 8G
NACOGDOCHES, TEX.		W 74-07902 7-13 8G
Bleaching Effluent for Irrigation, W74-00787 7-02 5D	The Wrightsville Beach, North Carolina, Pilot Plant Testing Program to Evaluate Sea Water	SUPERIOR SIGNAL CO., SPOTSWOOD, N.J.
W74-00787 7-02 5D	Pretreatment Methods for Reverse Osmosis	Smoke Testing Pinpoints Surface Water In-
STERLING DRUG, INC., NEW YORK.	Plants.	flow, W74-11082 7-21 8A
(ASSIGNEE).	W74-01931 7-04 3A	
Biotreatment Process, W74-11398 7-21 5D	The Chula Vista, California, Pilot Plant Testing	SURREY UNIV., GUILFORD, (ENGLAND).
	Program to Evaluate Sea Water Pretreatment	DEPT. OF BIOLOGICAL SCIENCES. The Construction of a Sand Profile Sampler: Its
STEVENS INST. OF TECH., HOBOKEN, N.J.	Methods for Reverse Osmosis,	Use in the Study of the Vorticella Populations
DAVIDSON LAB. Model Study of the Dilution of Soluble Liquids	W74-01932 7-04 3A	and the General Interstitial Microfauna of Slow
Discharge from Tankers,	STORA KOPPARBERGS BERGSLAGS A.B.,	Sand Filters,
W74-08451 7-16 5B	KVARNSVEDEN (SWEDEN). KVARNSVEDENS	W74-03286 7-07 5A
STEVENS, THOMPSON AND RUNYAN, INC.,	PAPPERSBRUK.	SUSQUEHANNA RIVER BASIN COMMISSION,
PORTLAND, OREG.	Measures Against Water Pollution in Mechani- cal Pulp and Paper Mills,	MECHANICSBURG, PA.
Water quality Management Plan for the Green	W74-05273 7-10 5D	Ground-Water Conditions Caused by Tropical
and Cedar River Basins in the State of		Storm Agnes, W74-09532 7-18 4B
Washington: Progress Report for Fiscal Year Ending June 30, 1972.	STORY COUNTY CONSERVATION BOARD, IOWA.	W 14-03332 1-16 4D
W74-02842 7-06 5D	Impact of Proposed Ames Reservoir on Story	SUSQUEHANNA UNIV., SELINSGROVE, PA.
W-N I -b- Di- Cbi Dl	County Conservation Board Programs,	DEPT. OF GEOLOGICAL SCIENCES. Environmental Determination Using Hydraulic
Wallowa Lake Basin Comprehensive Plan. W74-07065 7-14 5D	W74-11603 7-22 6B	Equivalence Studies,
	STUTTGART UNIV. (WEST GERMANY).	W74-04060 7-08 2J
STEVENS, THOMPSON AND RUNYAN, INC.,	GEOGRAPHISCHES INSTITUT.	SUSSEX RIVER AUTHORITY (ENGLAND).
PORTLAND, OREG. AND NIELSEN, MAXWELL AND WANGSGARD, INC., SALT	Climatic-Geomorphological Zones and Land	The Solvent Extraction Atomic Absorption
LAKE CITY, UTAH.	Utilization in the Coastal Deserts of the North Sahara.	Analysis of Effluents and Water,
Weber River Basin Including Davis County and	W74-06480 7-12 4A	W74-11260 7-21 5A
the Ogden S.M.S.A.: Water Quality Manage- ment Planning, Phase IProgram Design.	OFFICE A DO STATES (SUPOR CERNALATIVA	A Case Study of the Sussex/Kent River
W74-12238 7-23 6A	STUTTGART UNIV. (WEST GERMANY). GEOLOGISCH-PALAEONTOLOGISCHES	Authorities' Integrated Hydrometric Data
CHII CON /AI DEN E \ AND ACCOCIATEC	INSTITUT.	Processing System,
STILSON (ALDEN E.) AND ASSOCIATES, LTD., COLUMBUS, OHIO.	Geothermal Resources and Present Orogenic	W74-12127 7-23 7C
Columbus Replaces Historic Water Treatment	Activity, W74-08999 7-17 2F	SUSSEX UNIV., BRIGHTON (ENGLAND).
Plant,	W/4-08999 /-1/ 2F	SCHOOL OF BIOLOGICAL SCIENCES.
W74-10888 7-20 5D	SUBSURFACE DISPOSAL CORP., HOUSTON,	Observations on the Limnology and Primary Production of a Small Man-Made Lake in the
STIRLING UNIV. (SCOTLAND). DEPT. OF	TEX. Control of Unconsolidated Sands in Waste-	West African Savanna.
BIOLOGY.	Disposal Wells,	W74-10810 7-20 5C
The Oxygen Consumption of Chironomid Lar- vae from Loch Leven in Relation to Tempera-	W74-10868 7-20 8A	SUTCLIFFE, SPEAKMAN AND CO. LTD.,
ture,	SUEZ CANAL AUTHORITY RESEARCH	LEIGH, (ENGLAND); AND ALAN POND
W74-04226 7-08 5C	CENTER, ISMAILIA (EGYPT).	EQUIPMENT LTD., HARLOW (ENGLAND).
STOCKHOLM UNIV. (SWEDEN). ASKO LAB.	Diffraction of Wind Generated Water Waves,	(ASSIGNEES).
The Use of Computer Simulations for Systems	W74-03680 7-07 8B	Filter Systems, W74-11044 7-21 5C
Ecological Studies in the Baltic,	SUMITOMO SHIPBUILDING AND	W/4-11044 /-21 3C
W74-04634 7-09 5B	MACHINERY CO., LTD., TOKYO (JAPAN).	SVENSKA ENTREPRENAD A.B. SENTAB,
STOCKHOLM UNIV. (SWEDEN).	(ASSIGNEE)	STOCKHOLM. (ASSIGNEE). Safety Device Against Leakage from Ships,
ENVIRONMENTAL TOXICOLOGY GROUP.	Process for Treating Waste Water Containing Nitriles.	Especially Tankers,
Genetic Effects, W74-07688 7-15 5C	W74-00957 7-02 5D	W74-07205 7-14 5G
	SUN OIL CO., DALLAS, TEX.	SWECO, INC., LOS ANGELES, CALIF.
STOCKHOLM UNIV. (SWEDEN). GEOLOGICAL INST.	Modeling the Regulation of Lake Superior	(ASSIGNEE).
Metal Distribution Along a Profile of an Inter-	Under Uncertainty of Future Water Supplies,	Screening Aerator Concentrator,
Tidal Area,	W74-05938 7-11 4A	W74-04712 7-09 5D
W74-12280 7-23 5B	SUN OIL CO., PHILADELPHIA, PA.	SWEDISH FOREST PRODUCTS RESEARCH
STOCKS (PERCY) COLWYN BAY (WALES).	Sun Treats Cooling Water Without Chromates	LAB., STOCKHOLM.
Mortality From Cancer and Cardiovascular	for Corrosion Protection,	Pulp Mill Water System Closure,
Diseases in the County Boroughs of England	W74-03160 7-06 8G	W74-12411 7-23 5D

SWEDISH FOREST PRODUCTS RESEARCH LAB., STOCKHOLM.

Determination of Organic Acids of Low Rela-	SWISS FEDERAL WATER RESOURCES	Metabolism of Selected Pesticides by Marine
tive Molecular Mass (C-1 to C-4) in Dilute Aqueous Solution,	BUREAU, BERN. Gauging Stations on Sediment-Loaded Moun-	Microorganisms, W74-06066 7-12 5C
W74-12929 7-24 5A	tain Rivers,	SYSTEMS CONTROL, INC., PALO ALTO,
SWEDISH INST. FOR SURFACE CHEMISTRY,	W74-11522 7-22 7B	CALIF.
STOCKHOLM.	SWISS FOREST RESEARCH INST.,	Extended Period Simulation of Water Distribu-
Waste Water Impurity Level Affects Floccula-	BIRMENSDORF.	tion Networks,
tion Efficiency of Polyelectrolytes,	Measurement and Significance of Electrical	W74-05533 7-11 4A
W74-04195 7-08 5D	Conductivity in Small Mountain Streams,	SZKOLA GLOWNA GOSODARSTWA
SWEDISH METEOROLOGICAL AND	W74-11547 7-22 7B	WIEJSKIEGO, WARSAW (POLAND). INST. OF
HYDROLOGICAL INST., STOCKHOLM.	SYBRON CORP., ROCHESTER, N.Y.	CROP PRODUCTION.
Development of A Conceptual Deterministic	(ASSIGNEE).	Model Research into the Speed and Height of
Rainfall-Runoff Model, W74-01128 7-03 2A	Apparatus for Fluid Treatment,	Capillary Infiltration in Some Soils with Two Levels of Moisture,
W74-01128 7-03 2A	W74-12799 7-24 5D	W74-12847 7-24 2G
The Water-Stages at the Coasts of Sweden,	SYDNEY UNIV. (AUSTRALIA). DEPT. OF	COLUMN ASSESSMENT PROPERTY AND ASSESSMENT OF THE PROPERTY OF T
1970.	PHYSICAL CHEMISTRY.	SZOLNOK MEGYEI KOZEGESZSEGUGYI JARVANYUGI ALLOMAS (HUNGARY).
W74-06373 7-12 2E	The Ionic Activity Function of Water and the	Public Health Consequences of Mass Swarming
SWEDISH WATER AND AIR POLLUTION	Activity Coefficient of the Hydrogen Ion in	of Boophthora Erthrocephala (De Geer, 1776)
RESEARCH LAB., GOTEBORG.	Seawater, W74-02760 7-06 1B	Black Flies in County Szolnok During Floods
Air-Borne Acid,	W/4-02/00 /-00 IB	of 1970,
W74-08689 7-16 5A	SYDNEY UNIV. (AUSTRALIA). SCHOOL OF	W74-00477 7-01 5G
SWEDISH WATER AND AIR POLLUTION	BIOLOGICAL SCIENCES.	TAGANROGSKII RADIOTEKHNICHESKII
RESEARCH LAB., GOTENBORG.	The Action of Abscisic Acid on Ion Uptake and	INSTITUT (USSR).
Succession in Benthic Macrofauna in a	Water Flow in Plant Roots, W74-02260 7-05 3F	Aircraft Measurement of Sea-Wave Parameters
Swedish Fjord Subsequent to the Closure of a	W /4-02200 /-03 3F	by the Radio-Engineering Method (Izmereniye
Sulphite Pulp Mill,	Plant Moisture Stress Patterns in Eurotia lanata	parametrov morskogo volneniya radiotekh-
W74-06013 7-12 5C	and Atriplex confertifolia,	nicheskim metodom s letatel'nogo apparata), W74-09933 7-19 7B
SWEDISH WATER AND AIR POLLUTION	W74-06497 7-12 2I	., ., ., ., ., ., ., ., ., ., ., ., ., .
RESEARCH LAB., STOCKHOLM.	SYDNEY UNIV. (AUSTRALIA). SCHOOL OF	TAHAL CONSULTING ENGINEERING LTD.,
Studies in Sweden on Feasibility of Some	CIVIL ENGINEERING.	TEL AVIV (ISRAEL). Water Resources Development Policies and
Methods for Restoration of Mercury-Con- taminated Bodies of Water.	Embankment Deformations Due to Water	Transfer of Knowledge from Developed to
W74-00060 7-01 5G	Loads,	Developing Countries,
	W74-11771 7-22 8B	W74-00206 7-01 10A
Long-Term Stability of Waste Lignins in	SYRACUSE-ONONDAGA COUNTY PLANNING	TAHAL CONSULTING ENGINEERS LTD. (TEL
Aquatic Systems, W74-03078 7-06 5B	AGENCY, N.Y.	AVIV, ISRAEL).
W74-03078 7-06 5B	Syracuse Metropolitan Area Comprehensive	Use of Systems Approaches in Planning
Biomass Monitoring of Algal Cultures by	Plan-Water and Sewer Plan and Services Allo-	Israel's Water Resources Management,
Fluorimetric Measurement of Their	cation Plan, W74-04507 7-09 5D	W74-02352 7-05 6A
Chlorophyll Content, W74-05055 7-10 5C	177-04301	TAHAL CONSULTING ENGINEERS LTD., TEL
W74-05055 7-10 5C	SYRACUSE UNIV., N.Y. COLL. OF LAW.	AVIV (ISRAEL). DIV. OF HYDROLOGY.
Methyl Mercury Accumulation in an Aquatic	International Impact Reports and the Conserva-	Artificial Recharge of Coastal-Plain Aquifer in
Food Chain. A Model and some Implications	tion of the Ocean Environment, W74-05781 7-11 5G	Israel,
for Research Planning,	W/4-03/61 /-11 3G	W74-03356 7-07 4B
W74-06042 7-12 5B	SYRACUSE UNIV., N. Y. DEPT. OF CIVIL	Dan Region, Israel, Sewage-Reclamation and
Indications of Disturbances in the Nitrification	ENGINEERING.	Recharge Project,
Process in a Heavily Nitrogen-Polluted Water	Effect of Insoluble Grains on Leachate From	W74-03359 7-07 5D
Body,	Porous Beds, W74-00379 7-01 5B	TAIPEI HYDRAULIC RESEARCH LAB
W74-06044 7-12 5C	7-01 36	(TAIWAN).
The Investigation of Biodegradability of	Benefit-Related Expenditures for Industrial	Compound Weir Study, (In Chinese)
Branched Nonyl Phenol Ethoxylates,	Waste Treatment,	W74-01875 7-04 2E
W74-08798 7-17 5D	W74-05641 7-11 5D	TAIWAN INST. OF ENVIRONMENTAL
Technical Report from the Stockholm UN Con-	Well-Mixed Estuaries with Nonlinear Re-	SANITATION, TAIPEL WATER QUALITY
ference,	sistance,	CONTROL SECTION.
W74-12401 7-23 6G	W74-11137 7-21 2L	Study of Arsenic Removal from Drinking
Effects of a Sulphate Dulp Mill on the Benthio	Do-Sag in Oscillating Flow,	Water,
Effects of a Sulphate Pulp Mill on the Benthic Macrofauna in a Firth of the Bothnian Sea,	W74-11897 7-22 5B	W74-09776 7-18 5F
W74-12663 7-23 5C		TANZANIA MINERAL RESOURCES DIV.,
	SYRACUSE UNIV., N.Y. DEPT. OF ZOOLOGY.	DODOMA.
SWIFT AND CO., CHICAGO, ILL.	Production of a Natural Population of Bithynia	Geothermal Resources in Tanzania,
Removal of Dissolved or Suspended Solids in Waste Water,	Tentaculata L. (Gastropoda, Mollusca), W74-05049 7-10 5C	W74-08979 7-17 2F
Waste Water, W74-12449 7-23 5D	7-10 SC	TARAPOREWALA MARINE BIOLOGICAL
	SYRACUSE UNIV. RESEARCH CORP., N.Y.	RESEARCH STATION, BOMBAY (INDIA).
SWIFT AND CO., OAK BROOK, ILL.	LIFE SCIENCES DIV.	Observations on Comparative Propensities for
RESEARCH AND DEVELOPMENT CENTER.	Persistence of Endothall in Aquatic Environ-	Carp Fry Destruction by Adults and Last Instar
Recovery of Fatty Materials from Edible Oil Refinery Effluents,	ment as Determined by Gas-Liquid Chromatog- raphy,	Preimaginal Stages of Predatory Aquatic In- sects,
W74-06514 7-13 5D		W74-07044 7-13 2I

ple, W74-11258

TECHNISCHE HOCHSCHULE, VIENNA (AUSTRIA). INSTITUT FUER GEOPHYSIK.

TASHKENT AGRICULTURAL INST. (USSR). Some Regulatory Mechanisms of Cotton Adap-	TBILISSKII GOSUDARSTVENNYI UNIVERSITET (USSR).	TECHNICON INSTRUMENTS CORP., TARRYTOWN, N.Y. (ASSIGNEE)
tation to Drought and a Surplus Water Supply,	Vertical Distribution of Zoobenthos of the	Temperature-Controlled Fluid Manifold For a
(In Russian),	Mountain River of Adzhar ASSR (In Russian),	Fluid System of an Automated Sample
W74-11700 7-22 2I	W74-04818 7-09 2I	Analyzer,
TASHKENT UNIV. (USSR).	TECHNICAL ASSOCIATION OF THE PULP	W74-13258 7-24 7B
Lake Sary-Chelek and its Zooplankton, (In	AND PAPER INDUSTRY, ATLANTA, GA.	TECHNION - ISRAEL INST. OF TECH., HAIFA.
Russian),	(TAPPI) Environmental Conference, May 14-	Design of Optimal Sewerage Systems,
W74-02261 7-05 2H	16, 1973.	W74-00183 7-01 5D
Total Instanta Composition and Hudracksmissl	W74-02273 7-05 5D	
Total Isotopic Composition and Hydrochemical Characteristics of Natural Waters in		Engineering Aspects of Waste Water Treat-
Northwestern and Northern Fergana	TECHNICAL INFORMATION CENTER (AEC),	ment in Aerated Ring-Shaped Channels, W74-11065 7-21 5D
(Summarnyy izotopnyy sostav i gidrok-	OAK RIDGE, TENN.	W 74-11063 7-21 3D
himicheskiye osobennosti prirodnykh vod	Radioactive Waste Management, A Bibliog-	TECHNION - ISRAEL INST. OF TECH., HAIFA.
Severo-Zapadnoy i Severnoy Fergany),	raphy of Publicly Available Literature Pertain- ing to the USAEC'S Savannah River, S.C.,	DEPT. OF AGRICULTURAL ENGINEERING.
W74-02608 7-05 2K	Production Site.	Thermodynamics of Ion Exchange,
The Biology of Pike Perch in the Arnasaya	W74-02008 7-04 5D	W74-06936 7-13 2G
Lakes System, (In Russian).		TECHNION-ISRAEL INST. OF TECH., HAIFA.
W74-03961 7-08 2H	Radioactive Waste Management, A Bibliog-	DEPT. OF CIVIL ENGINEERING.
	raphy of Publicly Available Literature Pertain-	Modified Approach to Capillary Hysteresis
Anti-Erosive Role of Natural Plants in Low	ing to the USAEC'S National Reactor Testing	Based on a Similarity Hypothesis,
Foot-Hills Bordering the Ferghana Basin, (In	Station, Idaho.	W74-00368 7-01 2G
Russian), W74-04287 7-08 4D	W74-02009 7-04 5D	W Direction Effect on Theory I Committee
#/4-0428/ /-08 4D	Radioactive Waste Management, A Bibliog-	Heat Dispersion Effect on Thermal Convection in a Porous Medium Layer,
Wheat Root Rots on Unirrigated Lands in Uz-	raphy of Publicly Available Literature Pertain-	W74-07156 7-14 2F
bekistan, (In Russian),	ing to the USAEC'S Oak Ridge, Tenn. Site.	W 74-0/130
W74-10391 7-20 3F	W74-02010 7-04 5D	A Conceptual Model of Hysteresis,
TASMAN VACCINE LAB. LTD., POOLE		W74-09902 7-19 2G
(ENGLAND). ECOTECH SYSTEMS DIV.	A Selected, Annotated Bibliography of the	TECHNION ISBAEL INST OF TECH HAIFA
Protein Recovery from Process Effluents using	Civil, Industrial, and Scientific Uses for Nuclear Explosions.	TECHNION - ISRAEL INST. OF TECH., HAIFA. DEPT. OF FOOD ENGINEERING.
Ion-Exchange Resins,	W74-13133 7-24 5C	Iodide Oxidation by a Marine Bacterium,
W74-09747 7-18 5D	117-13133	W74-03565 7-07 5A
TACMAN VACCINE LAB MELBOURNE	TECHNICAL UNIV. OF BUDAPEST	
TASMAN VACCINE LAB., MELBOURNE, (AUSTRALIA).	(HUNGARY). INST. FOR GENERAL AND	TECHNIONISRAEL INST. OF TECH., HAIFA.
Process for Removing Protein From Waste Ef-	ANALYTICAL CHEMISTRY.	ENVIRONMENTAL ENGINEERING LABS.
fluent.	Electrochemical Study of a Heterogeneous	Physico-Chemical Treatment of Strong Mu-
W74-10027 7-19 5D	Copper(II)-Selective Electrode; Study of Selec-	nicipal Wastewater, W74-10473 7-20 5D
	tivity and Potential Stability, W74-00637 7-02 2K	W 74-10473 7-20 3D
TASMANIA UNIV., HOBART (AUSTRALIA).	W/4-0003/	TECHNION - ISRAEL INST. OF TECH., HAIFA.
DEPT. OF BOTANY. Physical and Chemical Limnology of Lake	Enhancement of Sensitivity for Determination	FACULTY OF CIVIL ENGINEERING.
Leake and Tooms Lake, Tasmania,	of Mercury in Waters,	The Kernel Function of Linear Nonstationary
W74-00283 7-01 5C	W74-03080 7-06 5A	Surface Runoff Systems, W74-12302 7-23 2E
	TECHNICAL UNIV. OF DENMARK,	W74-12302 7-23 2E
Reconnaissance Limnology of Sub-Antarctic	COPENHAGEN. COASTAL ENGINEERING	TECHNION - ISRAEL INST. OF TECH., HAIFA.
Islands: I. Chemistry of Lake Waters from Macquarie Island and the Isles Kerguelen,	LAB.	LOWDERMILK FACULTY OF
W74-13389 7-24 2H	Wave Boundary Layers and Friction Factors,	AGRICULTURAL ENGINEERING.
17-13307	W74-03678 7-07 8B	Scientific Allocation of Water Resources,
TATA INST. OF FUNDAMENTAL RESEARCH,		Water Resources Development and Utilization
BOMBAY (INDIA).	TECHNICAL UNIV. OF DENMARK,	- A Rational Approach, W74-00885 7-02 6A
Geochronological Studies in Santa Barbara	COPENHAGEN. INST. OF HYDRODYNAMICS AND HYDRAULIC ENGINEERING.	W 74-00863
Basin: Fe-55 as a Unique Tracer for Particulate Settling.	Numerical Simulation of the Rainfall-Runoff	Evaporation from Bare Soil in a Coastal En-
W74-02722 7-06 2J	Process on a Daily Basis,	vironment,
, 700 23	W74-01127 7-03 2A	W74-08305 7-16 2D
Th-234/U-238 Activity Ratios in Pacific Ocean		TECHNION-ISRAEL INST. OF TECH., HAIFA.
Bottom Waters,	Reservoir Mechanism in an Aquifer of Arbitra-	SOILS AND FERTILIZERS LAB.
W74-07322 7-14 2K	ry Boundary Shape,	Minimizing Nitrate Seepage from the Hula Val-
TAULMAN CO., ATLANTA, GA. TURBITROL	W74-01129 7-03 2F	ley into Lake Kinneret (Sea of Galilee): 1.
HIGH RATE FILTER DIV.	TECHNICAL UNIV. OF DENMARK, LYNGBY.	Enhancement of Nitrate Reduction by Sprin-
High Rate Filtration Media Concepts,	KEMISK LABORATORIUM A.	kling and Flooding,
W74-10014 7-19 5F	Selectrode - the Universal Ion-Selective Elec-	W74-02153 7-05 5B
TAVDINSKII GIDROLIZNYI ZAVOD (USSR).	trode. Part VI. The Calcium (II) Selectrode Em-	TECHNISCHE HOCHSCHULE, DARMSTADT
Experience with the Operation of Purification	ploying a New Ion Exchanger in a Nonporous	(WEST GERMANY). EDUARD-ZINTL-
Equipment, (Opyt ekspluatatsii ochistnykh	Membrane and a Solid-State Reference	INSTITUT.
sooruzhenii),	System,	Nuclear Magnetic Resonance Relaxation Titra-
W74-02272 7-05 5D	W74-06764 7-13 5A	tion,
TAVI OB INCTRIMENT COMPANIES	TECHNICON INDUSTRIAL SYSTEMS,	W74-02402 7-05 2K
TAYLOR INSTRUMENT COMPANIES, ROCHESTER, N.Y.	TARRYTOWN, N.Y.	TECHNISCHE HOCHSCHULE, VIENNA
Water and Effluent Instrumentation Made Sim-	Automated Wet Chemical Analysis Instruments	(AUSTRIA). INSTITUT FUER GEOPHYSIK.
ple,	for Continuous Effluent Monitoring,	Hydrogeomorphology,

for Continuous Effluent Monitoring,
W74-10971 7-21 5D

W74-06891

7-21 5A

TECHNISCHE HOCHSCHULE, VIENNA (AUSTRIA). INSTITUT FUER

TECHNISCHE HOCHSCHULE, V	IENN.
(AUSTRIA). INSTITUT FUER	
WASSERVERSORGUNG	
ABWASSERREININGUNG UND	
GEWASSERSCHUTS.	

Pulp Mill Waste Waters: Discharge and Purification (Zellstoffabwaesser: Anfall and Reinigung), 7-18 5D W74-09455

TECHNISCHE HOGESCHOOL, DELFT (NETHERLANDS).

The Hydraulics of Artificial Recharge, 7-08 4B W74-03820

TECHNISCHE HOGESCHOOL, DELFT (NETHERLANDS). GEOPHYSICAL LAB.

Simultaneous Evaluation of Drawdown Data from Several Observation Wells by Means of a Modification of the Walton Method, W74-12999

TECHNISCHE UNIVERSITAET, DARMSTADT (WEST GERMANY). WASSER- UND ABWASSERFORSCHUNGSSTELLE.

Waste Water Research for the Pulp and Paper Industry at the Darmstadt Technological Institute (Abwasserforschung fuer die Papier-und Zellstoffindustrie an der TH Darmstadt), W74-02257 7-05 5D

Closed Water Circuits in a Paper Mill Processing Waste Paper,

Electrolysis as a Purification Method for Effluents of the Pulp and Paper Industry (Die Elektrolyse als Reinigungsverfahren fuer Abwaesser der Papier- und Zellstoffindustrie), W74-04542 7-09 5D

Survey of Residual Waste Water Treatment (Ueberblick ueber die Behandlung der Restabwaesser).

W74-05261 7-10 SD

Biological and Nonbiological Processes for Removing Dissolved Organic Substances from Residual Waste Waters (Biologische und nichtbiologische Verfahren zur Entfernung geloester organischer Substanzen aus Restabwaessern), W74-05262 7-10 5D

Fundamental View of the Closed Water Circuit (Der geschlossene Wasserkreislauf in grundsaetzlicher Betrachtung). W74-05282 7-10 5D

Possibilities of Effluent Clarification (Moeglichkeiten der Abwasserklaerung), W74-07382 7-14 5D

Cleaning Paper Industry Effluents by Means of Activated Carbon (Ueber die Reinigung papierindustrieller Restabwaesser mittels Aktivkohle).

7-18 5D W74-09450

Survey of Environmental Legislation in the German Federal Republic (Uebersicht ueber die Umweltgesetzgebung in der Bundesrepublik Deutschland), 7-23 6E W74-12402

TECHNISCHE UNIVERSITAET, DRESDEN (EAST GERMANY).

Influence of Evaporation Condensate on Biological Purification of Pulp Wash Waters (Einfluss von Eindampfkondensat auf die biologische Reinigung von Zellstoffwaschwas-W74-00781

TECHNISCHE UNIVERSITAET, DRESDEN (EAST GERMANY). BEREICH HYDROBIOLOGIE.

Detrimental Effects of Toxical Charge by Heavy Metals or Phenol on Submerged Macrophytes (Fontinalis Antipyretica L.), (In German), W74-12165 7-23 5C

TECHNISCHE UNIVERSITAET, DRESDEN (EAST GERMANY). DEPT. OF HYDROLOGY AND METEOROLOGY.

A Recording Meter for Measuring the Overland Flow. W74-11530 7-22 7B

Statistical Parameters of Distribution of Granulation Indicating Suspended Sediment and Bed Sediment

W74-11542 7-22 21

TECHNISCHE UNIVERSITAET, HANOVER (WEST GERMANY). GEOGRAPHISCHES INSTITUT

The Subsidence of the Surface Between Mogotes in Pureto Rico East of Arecibo, W74-01912 7-04 2F

TECHNISCHE UNIVERSITAET, HANOVER (WEST GERMANY). INSTITUT FUER BODENKUNDE.

Soil-Water-Potentials Depending on Temperature, (In German), W74-05372 7-10 2G

TECHNISCHE UNIVERSITAET, HANOVER (WEST GERMANY). INSTITUT FUER GEMUESEBAU.

Influence of Soil Moisture Conditions on Growth and Development of the Potato Solanum tuberosum L., W74-04687

TECHNISCHE UNIVERSITAET, HANOVER (WEST GERMANY). INSTITUT FUER WASSERWIRTSCHAFT UND

LANDWIRTSCHAFTLICHEN WASSERBAU. The Relation Between Soil-Water Diffusivity and Water Content, W74-13409 7-24 2G

TECHNISCHE UNIVERSITAET, MUNICH (WEST GERMANY). INSTITUT FUER

Model Experiments Showing Transport of Fine Material in Soil Pores (In German), 7-24 2G W74-13402

TECHNISCHE UNIVERSITAET, MUNICH (WEST GERMANY). INSTITUT FUER PFLANZENBAU UND PFLANZENZUECHTUNG.

Influences of Soil Density, Clay Silt and Humus Content on Measurements of Soil Water by Neutron Gauges, (In German), W74-04556 7-09 2G

TECHNISCHE UNIVERSTAET, DARMSTADT (WEST GERMANY). WASSER- UND ABWASSERFORSCHUNGSSTELLE.

Waste Water Clarification and Solids Recovery with 'Waste Water Bentonite': Report on a Study Trip to Sweden (Abwasserklaerung und Stoffrueckgewinnung mit 'Abwasserbentonit': Bericht ueber eine Reise nach Schweden),

TEESSIDE POLYTECHNIC, MIDDLESBROUGH (ENGLAND). DEPT. OF CIVIL ENGINEERING.

Utilization of Disused Coal Mines as Water Storage Reservoirs. W74-13164 7-24 4B

TEHRAN POLYTECHNIC (IRAN). CIVIL ENGINEERING INST.

Variation of Ground Water Discharge Zone as a Function of Infiltration Rate, W74-12844

TEIKYO UNIV., HACHIOJI (JAPAN), DEPT. OF ZOOLOGY.

Vertical Migration of Spaniotoma akamusi Larvae (Diptera:Chironomidae) through the Bottom Deposits of Lake Suwa, 7-14 2H W74-07543

TEISEKI SAKUSEI KOGYO CO. LTD. (JAPAN). Present State of Drilling and Repairing of Geothermal Production Wells in Japan, W74-09030

TEL-AVIV UNIV. (ISRAEL). DEPT. OF ECONOMICS.

The Optimal Time to Start the Operation of a Desalting Plant in Israel, 7-07 3A W74-03750

TEL-AVIV UNIV. (ISRAEL). SCHOOL OF ENGINEERING.

On a Possible Extension of Darcy's Law W74-11472 7-22 2F

TELEDYNE TRIPLE R, MUSKEGON, MICH. Muskegon County Wastewater Management System No I,

W74-10976

TELLUROMETER, LTD., CHESSINGTON (ENGLAND).

The Development and Performance of a New High Accuracy Hydrographic Tellurometer Model MRB 201. W74-11535 7-22 7B

TEMPLE UNIV., PHILADELPHIA, PA. DEPT. OF MATHEMATICS.

Bayesian Analysis of a Bivariate Normal Distribution with Incomplete Observations, W74-04893

TENNECO OIL CO., HOUSTON, TEX. (ASSIGNEE)

Method for the Control of Oils Floating on Water. W74-11413 7-21 5G

TENNESSEE DEPT. OF CONSERVATION. NASHVILLE. DIV. OF WATER RESOURCES.

The Sevier County Water Plan, 7-16 6D W74-08493

TENNESSEE GAME AND FISH COMMISSION, NASHVILLE.

Freshwater Mussel Ecology, Kentucky Lake, Freshwater Mussel Ecology, Tennessee, May 1, 1969-June 15, 1972, 7-03 5C

TENNESSEE STATE PLANNING OFFICE, NASHVILLE.

Sanitary Services in Tennessee, 1972. 7-14 5D W74-07060

TENNESSEE UNIV., KNOXVILLE.

Water Pollution--The Tennessee Response; Conclusions and Generalizations, W74-02794

Manure in Pit Dries to 15% Moisture, W74-10137 7-19 5D

Industrial Wastewater Monitoring: siderations,		TENNESSEE UNIV., KNOXVILLE. V RESOURCES RESEARCH CENTER.		TENNESSEE VALLEY AUTHORITY, MUSC SHOALS, ALA. DIV. OF CHEMICAL	CLE
W74-10978	7-21 5D	A Study of the Reliability of Conti Quality Monitoring,	nuous Water	DEVELOPMENT. Separation of Polyphosphates by Paper	Chro-
TENNESSEE UNIV., KNOXVILLE. I AGRICULTURAL ENGINEERING. The Effects on Runoff, Ground		W74-04982	7-10 5A	matography with a New Solvent,	3 5A
Land of Irrigating With Cattle Man		TENNESSEE UNIV., MARTIN.		TENNESSEE VALLEY AUTHORITY, MUSC	CIE
W74-02326	7-05 5D	Nutritional Patterns of Some Bact from Fresh Water,		SHOALS, ALA. ENVIRONMENTAL BIOLO BRANCH.	
The Effects of Surface Irrigation Manure Slurries on the Quality of (W74-12969	7-24 2H	Mussels of the Elk River Basin in Alabam Tennessee: 1965-1967,	na and
and Surface Runoff, W74-03339	7-07 5B	TENNESSEE UNIV., SPACE INST., TULLAHOMA.			18 21
Effects of Spreading Manure on (Groundwater	MHD Central Power: A Status Rep W74-02871	7-06 5B	TENNESSEE VALLEY AUTHORITY, MUSC SHOALS, ALA, SOILS AND FERTILIZER	CLE
and Surface Runoff, W74-11240	7-21 5B	TENNESSEE VALLEY AUTHORITY	1.	RESEARCH BRANCH. Monitoring Nutrient Losses from	Small
TENNESSEE UNIV., KNOXVILLE. I	DEPT. OF	CHATTANOOGA.	,	Watersheds,	
CIVIL ENGINEERING. Impact of Sewage Treatment Mod	lifications on	Regional Perspectives, W74-00123	7-01 5G		7 5B
Water Quality of a Reservoir,	inications on	I God		TETRA TECH, INC., HOUSTON, TEX. Digital Interactive Image Analysis by	Arron
W74-02483	7-05 5D	Investigation of Mercury Contami Tennessee Valley Region,	nation in the	Processing,	
Survival of Enteric Pathogens a Organisms in Natural Waters,	nd Indicator	W74-06780	7-13 5B	W74-06657 7-13	3 7C
W74-07840	7-15 5A	Bear Creek Project, Tennessee (F mental Statement).	inal Environ-	TETRA TECH, INC., PASADENA, CALIF. Probabilities of Wave Characteristics i	
Fall and Rise of Lago Del Oro,	7.17 44	W74-09271	7-18 4A	Surf Zone, W74-00018 7-01	1 2H
W74-08751	7-17 4A	TENNESSEE VALLEY AUTHORITY	Y.		
TENNESSEE UNIV., KNOXVILLE. I GEOGRAPHY.		CHATTANOOGA. DIV. OF ENVIRO		Wave Induced Circulation and Longshore rent Patterns in the Coastal Zone,	
Geographic Applications of ERT Landscape Change,	S-1 Data to	Comparison of Gelman and Mil brane Filters for Enumerating Fe			1 2L
W74-06628	7-13 4A	Bacteria,		Equilibrium Beach Profile Scale-Model tionship,	Kela-
TENNESSEE UNIV., KNOXVILLE. I GEOLOGY.	DEPT. OF	W74-01554	7-03 5A	W74-03457 7-0	07 21
Water Transport of Heavy Metal	s in Solution	TENNESSEE VALLEY AUTHORITY		Shallow Water Waves: A Comparison of	Theo-
and by Different Sizes of Particula W74-08238	te Solids, 7-16 5B	CHATTANOOGA. DIV. OF ENVIRO RESEARCH AND DEVELOPMENT.		ries and Experiments, W74-04609 7-09	9 2E
TENNESSEE UNIV., KNOXVILLE.	DEPT. OF	Variation in Results of Identical Minnows Subjected to Instant Ter		Edge Bores,	
MICROBIOLOGY. Litmus Milk Reaction as a Disting	guishing Fea-	crease, W74-02898	7-06 5C		0 8B
ture Between Streptococcus Faeca and Non-Human Origins,		Statistical Analysis of Biologica		Coastal Movable Bed Scale Model Techno W74-04949 7-1	ology, 10 2J
W74-01549	7-03 5A	Preoperational-Postoperational	Industrial	TETRA TECH, INC., PASADENA,	
TENNESSEE UNIV., KNOXVILLE.	DEPT. OF	Water Quality Monitoring, W74-02993	7-06 5A	CALIFORNIA. Mathematical Model for Barged	Ocean
PLANT AND SOIL SCIENCE. Precipitation Probabilities for East	Tennessee,	TENNESSEE VALLEY AUTHORITY	ν.	Disposal of Wastes,	
W74-10399	7-20 2B	CHATTANOOGA. WATER QUALIT	TY BRANCH.	W74-06837 7-1:	3 5E
Precipitation Probabilities for Mi	ddle Tennes-	Effects of Watershed Developme Quality,	ent on Water	TEXACO DEVELOPMENT CORP., NEW YORK.	
see, W74-10400	7-20 2B	W74-00118	7-01 5C	Oil-Pollution Detector for Use on M Petroleum Operating/Storage Platform -	
Precipitation Probabilities for Wes		TENNESSEE VALLEY AUTHORITY	Y,	U-Tube Appts.	
W74-10401	7-20 2B	KNOXVILLE. Flood Studies for Safety of T	VA Nuclear	W74-10033 7-19	9 5A
TENNESSEE UNIV., KNOXVILLE. POULTRY.	DEPT. OF	Plants: Hydrologic and Embankme Analysis,	ent Breaching	TEXACO, INC., NEW YORK. Method of Treating Subterranean Format	tion to
The Effect of Feeding Laying I Levels of Cow Manure on the Pig		W74-00805	7-02 8A	Improve Permeability,	21 8E
Egg Yolks, W74-00407	7-01 5C	TENNESSEE VALLEY AUTHORITY		Waste Water Treatment Method,	-
TENNESSEE UNIV., KNOXVILLE.		SHOALS, ALA. DIV. OF AGRICUL' CHEMICAL DEVELOPMENT.	TURAL AND		23 SE
SOIL SCIENCE.		Agricultural Chemicals in Relation mental Quality: Chemical Fertili		TEXACO, INC., NEW YORK. (ASSIGNEE)	
Delineation of Major Soil Associ ERTS-1 Imagery,		and Future, W74-08325	7-16 5B	Inert Gas Stripping of Contaminated Water W74-00969 7-0	ter, 02 5E
W74-01678	7-04 2G			Continuous Process for the Air Oxidat	tion o
	DEPT OF	TENNESSEE VALLEY AUTHORITY	Y, MUSCLE	Sour Water.	
TENNESSEE UNIV., KNOXVILLE.	DEF1. OF	SHOALS ALA DIV OF ACRICUL	TUDAT	11104 00044	
TENNESSEE UNIV., KNOXVILLE. ZOOLOGY. Cambarus Buntingi, A New Spec		SHOALS, ALA. DIV. OF AGRICUL' DEVELOPMENT.)4 5E
ZOOLOGY.	cies of Punc-			W74-02041 7-0 Method and Apparatus for Determining a Contaminant,	

TEXACO, INC., NEW YORK. (ASSIGNEE)		
Selective Adsorption of Phenols from Solution		A Field Investigation of the Hydraulics and
in Water, W74-11063 7-21 5		Stability of Corpus Christi Water Exchange Pass, Texas, W74-10361 7-20 2L
TEXACO, INC., RICHMOND, VA. RICHMOND	serface Irrigation, W74-04137 7-08 3F	W74-10361 7-20 2L An Experimental and Theoretical Study of the
RESEARCH LABS. Trace Metals Analysis on Small Oil Samples,	Time It Right,	Flow Field Surrounding A Suction Pipe Inlet,
W74-06142 7-12 5	W74-09795 7-18 3F	W74-10392 7-20 8A
TEXACO RESEARCH LAB., BELLAIRE, TEX.	Sensitivity of Southern Peas to Plant Water Deficit at Three Growth Stages,	TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF INDUSTRIAL ENGINEERING.
Measuring and Using Rotary Drilling Torque, W74-12527 7-23 8	W74-10340 7-19 3F	Reliability of Urban Water Quality Manage- ment,
TEXACO TRINIDAD, INC., POINTE-A-PIERR	TEXAS A AND M UNIV., COLLEGE STATION.	W74-00180 7-01 5G
(TRINIDAD). RESEARCH LAB.	Microbial Flora and Level of Vibrio	Chance-Constrained Model of System of
Column Partition Chromatographic Determin tion of Sodium Alkane Monosulfonates,	rataliaemoryticus of Oysters (Classostica vii-	Reservoirs, W74-02676 7-06 4A
W74-03867 7-08 5	Bay,	System Optimization for Pulp and Paper Indus-
TEXAS A AND M UNIV., BEAUMONT.	W74-01548 7-03 5C	trial Wastewater Treatment Design,
AGRICULTURAL RESEARCH AND EXTENSION CENTER.	Chemical Characteristics, Bacterial Counts,	W74-08418 7-16 5D
Note on the Biology of Rice Water Weevil, Li	and Potential Shelf-Life of Shrimp from Vari- ous Locations on the Northwestern Gulf of	TEXAS A AND M UNIV., COLLEGE STATION.
sorhoptrus oryzophilus,	Mexico,	DEPT. OF METEOROLOGY. A Compilation of Studies from Atmospheric
W74-01744 7-04 3		Variability Experiment (AVE), W74-00851 7-02 2B
TEXAS A AND M UNIV., COLLEGE STATION Effects of a Nonrigid, Impermeable Bottom		
Plane Surface Waves in Shallow Water,	Annotated Bibliography on Effects of Salinity	A Study of Winter Precipitation Areas in Rela- tion to Several Indicators of Vertical Motion
W74-00030 7-01 2	L and Salinity Changes on Life in Coastal Waters.	Chapter I of a Compilation of Studies from At-
Crop Yields from Land Receiving Lar	ge W74-05031 7-10 2J	mospheric Variability Experiment (AVE), W74-00852 7-02 2B
Manure Applications, W74-90425 7-01	C The Occurrence and Distribution of the	Time Changes in Gradient and Observed
DDT, DDE, and PCBs In the Tissues of Re		WindsChapter II of a Compilation of Studies from Atmospheric variability Experiment
Dwelling Groupers (Serranidae) In the Gulf Mexico and the Grand Bahamas,	Uptake and Accumulation of an Or-	(AVE), W74-00853 7-02 2B
W74-11347 7-21	B ganochlorine Insecticide (Dieldrin) by an Estuarine Mollusc, Rangia Cuneata,	
TEXAS A AND M UNIV., COLLEGE STATION	3124 07021	An Analysis of Internal Zones of Discontinuity- Chapter III of a Compilation of Studies from
COASTAL AND OCEAN ENGINEERING DIV.	Interaction of Temperature and Copper Ions as	Atmospheric Variability Experiment (AVE), W74-00854 7-02 2B
A Computer Program to Estimate the Co- bined Effect of Refraction and Diffraction		
Water Waves, W74-00024 7-01	W74-06769 7-13 5C	An Approach to the Determination of the Variability of Wind Through the Use of Quasi-
	Effect of Anhydrous Ammonia on a Central	Conservative Thickness FieldsChapter IV of
Numerical Calculation of Wave Refracti Digital Computer,	Texas Pond, and a Review of Previous	a Compilation of Studies from Atmospheric Variability Experiment (AVE),
W74-03343 7-07	Research with Ammonia in Fisheries Manage- ment,	W74-00855 7-02 2B
TEXAS A AND M UNIV., COLLEGE STATION	W74-07595 7-14 5C	On The Determination of Turbulent Diffusivity
DEPT. OF AGRICULTURAL.	The Brackish Water Clam Rangia Cuneata as	in Shallow Waters by Aerial Photography of Floating Markers,
Feedlot Waste Management: Progress and Orlook,	Indicator of Ecological Effects of Salinity Changes in Coastal Waters,	W74-07316 7-14 2H
W74-10133 7-19		TEXAS A AND M UNIV., COLLEGE STATION.
TEXAS A AND M UNIV., COLLEGE STATION	TEXAS A AND M UNIV., COLLEGE STATION.	DEPT. OF OCEANOGRAPHY. Baseline Concentrations of Light Hydrocar-
DEPT. OF AGRICULTURAL ANALYTICAL SERVICES.	DEPT. OF CHEMISTRY. Determination of Lead Using Charged Particle	bons in Gulf of Mexico,
Gas-Liquid Chromatographic Determination	of Activation Analysis,	W74-00073 7-01 5B
Chlorpyriphos in Dursban Insecticide Formu	a- W74-11349 7-21 5A	Biological Studies on the Fresh-Water Shrimps in Korea: 4. The Ecology of Macrobrachium
tions, W74-01405 7-03	A Determination of Zinc and Nickel by Charged Particle Activation Analysis,	nipponensis (De Haan) (In Korean), W74-05583
TEXAS A AND M UNIV., COLLEGE STATION	3774 12404	
DEPT. OF AGRICULTURAL ECONOMICS. A Socio-Economic Evaluation of Users of	TEXAS A AND M UNIV., COLLEGE STATION.	The Distribution of Heavy Metals in Reef- Dwelling Groupers in the Gulf of Mexico and
Water-Based Urban Tourist Attraction: S	DEPT. OF CIVIL ENGINEERING.	Bahama Islands,
Antonio, Texas, W74-12755 7-24	Wave Action,	W74-06071 7-12 5B
	W 74-03033 7-10 23	TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF OCEANOGRAPHY AND
TEXAS A AND M UNIV., COLLEGE STATION	· Benthic Oxygen Demands of Houston Ship	METEOROLOGY.

Channel Sediments,

Chemical Aspects of Bioassay Techniques for Establishing Water Quality Criteria, W74-06747 7-13 5A

W74-06073

7-11 3F

7-12 5C

The Salinity Regime and Exchange Charac-teristics of a Shallow Coastal Bay System, W74-03611 7-07 2L

Hurricane Tide Prediction for New York Bay,

7-09 2L

W74-04343

W74-05924

RURAL SOCIOLOGY.

High Plains of Texas,

DEPT. OF AGRICULTURAL ECONOMICS AND

An Economic Analysis of Alternative Sprinkler

Irrigation Distribution Systems on the Southern

TEXAS TECH UNIV., LUBBOCK. DEPT. OF RANGE AND WILDLIFE MANAGEMENT.

	TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF PLANT SCIENCES.	Costs of Land Subsidence Due to Ground Water Withdrawal,	TEXAS LAW INST. OF COASTAL AND MARINE RESOURCES, HOUSTON.
	Abscission Processes in Cotton: Induction by	W74-12867 7-24 4B	Selected Legal and Institutional Aspects of the
	Plant Water Deficit, W74-04136 7-08 3F	TEXAS A AND M UNIV., LUBBOCK.	Texas Coastal Zone. W74-03630 7-07 6E
		AGRICULTURAL RESEARCH AND	
	TEXAS A AND M UNIV., COLLEGE STATION.	EXTENSION CENTER.	Final Report Analyzing Coastal and Marine
	DEPT. OF RANGE SCIENCE.	Theoretical Irrigation Tailwater Volumes,	Law to Develop an Authority for Coastal Zone
	Dissipation and Phytotoxicity of Dicamba	W74-06347 7-12 3F	Management, W74-08544 7-16 6E
	Residues in Water, W74-02370 7-05 5B	Improved Installation of Microtube Drip Irriga-	W 74-00344 7-10 0E
	W 14-02370 1-03 3B	tion Emitters,	Recent Federal Legislation Significant in En-
	TEXAS A AND M UNIV., COLLEGE STATION.	W74-10741 7-20 3F	vironmental Planning Programs of the State of
	DEPT. OF SOIL AND CROP SCIENCES.	174-10741	Texas.
	A Resistance Model to Predict Evapotranspira-	Applied and Residual Nitrate-Nitrogen Effects	W74-09316 7-18 6E
	tion and Its Application to a Sugar Beet Field,	on Irrigated Grain Sorghum Yield,	Comparative Aspects of Coastal Zone Manage-
	W74-03921 7-08 2D	W74-11270 7-21 3F	ment: Background Information on the Law of
	Dynamic Simulation of Automated Subsurface	TEXAS A AND M UNIV., OVERTON.	Texas and Other States in View of the Coastal
	Irrigation Systems,	AGRICULTURAL RESEARCH AND	Zone Management Act of 1972.
	W74-08931 7-17 3F	EXTENSION CENTER.	W74-10272 7-19 6E
		Recycling and Recovery of Nitrogen,	TEXAS PARKS AND WILDLIFE DEPT.,
	TEXAS A AND M UNIV., COLLEGE STATION.	Phosphorus, and Potassium by Coastal Bermu-	AUSTIN.
	ENVIRONMENTAL QUALITY PROGRAM. Two Studies of Pesticide Residues,	dagrass: I. Effect of Sources and Rates of	Saltwater Pond Research.
	W74-00529 7-01 5C	Nitrogen Under a Clipping System,	W74-00815 7-02 8I
	174-00325	W74-08327 7-16 5B	
	A Study of Pesticide Residue Levels and Insec-	Recycling and Recovery of Nitrogen,	An Evaluation of the Effects of Estuarine En-
	ticide Resistance in Selected Aquatic Organ-	Phosphorus, and Potassium by Coastal Bermu-	gineering Projects, W74-05038 7-10 5B
	isms Occurring Around the Bryan-College Sta-	dagrass: II. Under Grazing Conditions with	W 74-03036
	tion Agricultural Production areas,	Two Stocking Rates,	TEXAS STATE DEPT. OF HEALTH, AUSTIN.
	W74-00530 7-01 5C	W74-08328 7-16 5B	DIV. OF WASTEWATER TECHNOLOGY AND
	A Survey of DDT Residues in Fish from the		SURVEILLANCE.
	Brazos and Navasota Rivers and Somerville	TEXAS A AND M UNIV. WESLACO.	Ecology of Daphnia in Stabilization Ponds,
	Reservoir,	AGRICULTURAL RESEARCH AND	W74-05048 7-10 5D
	W74-00531 7-01 5C	EXTENSION CENTER.	TEXAS TECH UNIV., LUBBOCK.
	MENAGA AND MAINING COLLEGE CHARLON	Cell Wall Properties of Cotton Roots as In-	Underground Storage of Texas Playa Lake
	TEXAS A AND M UNIV., COLLEGE STATION. INDUSTRIAL ECONOMICS RESEARCH DIV.	fluenced by Calcium and Salinity, W74-08808 7-17 3C	Waters by Injection Into the Ogallala Forma-
4	The Economic Impact of a Deepwater Terminal	W74-08808 7-17 3C	tion Under Moderate Pump Pressure,
	in Texas,	TEXAS AGRICULTURAL EXPERIMENT	W74-01627 7-03 4B
	W74-03489 7-07 6B	STATION, BUSHLAND.	Characteristics of Wastes from Southwest Beef
		Optimum Forage Production and the Economic	Cattle Feedlots.
	Economic Development Study of the Texas	Alternatives Associated with Grazing Irrigated	W74-09694 7-18 5D
	Coastal Zone,	Wheat, Texas High Plains,	
	W74-09569 7-18 6B	W74-04086 7-08 3F	TEXAS TECH UNIV., LUBBOCK. DEPT. OF
	TEXAS A AND M UNIV., COLLEGE STATION.	TEXAS AGRICULTURAL EXPERIMENT	AGRICULTURAL ECONOMICS. Economic Benefits from Irrigation,
	INST. OF STATISTICS.	STATION, COLLEGE STATION.	W74-03487 7-07 6C
	Extended Results on Optimal Investment	The Effect of Overburden Pressure on Chloride	11703107
	Strategies in Shrimp Fishing,	and Water Movement in Swelling Clay Soil,	TEXAS TECH UNIV., LUBBOCK. DEPT. OF
	W74-01838 7-04 6C	W74-10213 7-19 2G	CHEMICAL ENGINEERING.
	TEXAS A AND M UNIV., COLLEGE STATION.		Costs for Large Scale Continuous Pyrolysis of
	REMOTE SENSING CENTER.	TEXAS AGRICULTURAL EXPERIMENT	Solid Wastes, W74-00404 7-01 5D
	Water Quality Parameter Measurement Using	STATION, WESLACO. Influence of Antecedent Soil Moisture Suction	W 74-00404 7-01 3D
	Spectral Signatures,	on Saturated Hydraulic Conductivity of Soils,	Continuous Solid Waste Retort - Feasibility
	W74-11230 7-21 5A	W74-10211 7-19 2G	Study,
	TOURS A AND MINING COLLEGE CTATION	***************************************	W74-00405 7-01 5D
	TEXAS A AND M UNIV., COLLEGE STATION. WATER RESOURCES INST.	TEXAS GULF, INC., NEW YORK.	TEXAS TECH UNIV., LUBBOCK. DEPT. OF
	Development of a Dynamic Water Management	Process for Removing Chromium from Cooling	GEOGRAPHY.
	Policy for Texas,	Tower Blowdown Streams,	Water Law and the Hydrologic Cycle: A Texas
	. W74-00562 7-02 6A	W74-12434 7-23 5D	Example,
		TEXAS INSTRUMENTS, INC., DALLAS.	W74-08930 7-17 6E
-	Regional Energy-Water Problems, Southern	Ion-Selective Electrochemical Sensors,	
	Plains,	W74-00146 7-01 3A	TEXAS TECH UNIV., LUBBOCK. DEPT. OF GEOSCIENCES.
	W74-07976 7-15 6D	7-01 31	Dynamics of Playa Lakes in the Texas High
	Decision Analysis on Water Resources	Evaluation of Commercial Utility of ERTS-A	Plains.
-		Imagery in Structural Reconnaissance for	W74-02598 7-05 7B
	Metropolitan Center in West Texas,	Minerals and Petroleum,	
	W74-09364 7-18 6A	W74-02567 7-05 7B	Precipitation AugmentationProblems and
	Alternative Solutions to Water Resource	Evaluation of the Ferric Ion Sensitive Chal-	Progress,
	Development A Case Study,	cogenide Glass Electrode,	W74-09198 7-17 3B
3	W74-09661 7-18 6B	W74-02984 7-06 5A	TEXAS TECH UNIV., LUBBOCK. DEPT. OF
1	* .		RANGE AND WILDLIFE MANAGEMENT.
	Development of Criteria for Evaluating Urban	Potentiometric Measurement of Copper in Sea-	Effects of Leaf-Footed Bugs on Mesquite
	River Settings for Tourism-Recreation Use,	water with Ion 1 = 1 Selective Electrodes,	Reproduction,
	W74-12866 7-24 6B	W74-11350 7-21 5A	W74-01638 7-03 4A

TEXAS TECH UNIV., LUBBOCK, REMOTE SENSING LAB.

TEXAS TECH UNIV., LUBBOCK. REMOTE SENSING LAB.	What Exploration Geologists Should Know About Pollution,	TEXAS UNIV., EL PASO. DEPT. OF BIOLOGICAL SCIENCES.
Dynamics of Playa Lakes in the Texas High	W74-12548 7-23 5B	Germination Responses of a Texas Population
Plains, W74-11774 7-22 7B	TEXAS UNIV., AUSTIN. DEFENSE RESEARCH LAB.	of Ocotillo (Fouquieria splendens Engelm.) To Constant Temperature, Water Stress, pH and
TEXAS TECH UNIV., LUBBOCK. WATER RESOURCES CENTER.	Investigation of Seiche Activity in West Coast Harbors.	Salinity, W74-01591 7-03 2I
Recreational Reuse of Municipal Wastewater, W74-01103 7-03 5D	W74-04744 7-09 2L	TEXAS UNIV., GALVESTON. MEDICAL BRANCH.
TEXAS UNIV., AUSTIN.	TEXAS UNIV., AUSTIN. DEPT. OF CHEMICAL	Phosphorus Removal and Disposal from Mu-
Mechanism of Flow and Controlled Dissolution of Salt in Solution Mining.	ENGINEERING. The Optimal Expansion of a Water Resources Systems,	nicipal Waste Water. W74-11928 7-22 5D
W74-00934 7-02 8B	W74-03754 7-08 6A	Biological Treatment of Wastewater Using
Controlled Solution Mining in Massive Salt, W74-05103 7-10 8B	TEXAS UNIV., AUSTIN. DEPT. OF CHEMISTRY.	Algae and Artemia, W74-13311 7-24 5D
Hamalianian Assatian with Communical Co.	Hanging Mercury Drop Electrodeposition	TEXAS UNIV., HOUSTON. SCHOOL OF
Hypolimnion Aeration with Commercial Oxygen - Vol. I - Dynamics of Bubble Plume, W74-06525 7-13 5D	Technique for Carbon Filament Flameless Atomic Absorption Analysis. Application to the	PUBLIC HEALTH. Trend Sulface Analysis and Seasonal Distribu-
Hypolimnion Aeration with Commercial Ox-	Determination of Copper in Sea Water, W74-02411 7-05 2K	tion Patterns of Primary Nutrients and Chlorophyll in Unstratified Gulf Coast Estua-
ygen - Vol. II - Bubble Plume Gas Transfer,		ries,
W74-06526 7-13 5D	TEXAS UNIV., AUSTIN. DEPT. OF CIVIL ENGINEERING.	W74-05488 7-11 5B
Effect of Bentonitic Fluid Properties on Drilling Rate,	Cnoidal Waves in Shallow Water, W74-04959 7-10 2L	TEXAS UNIV. MEDICAL SCHOOL, SAN ANTONIO.
W74-07879 7-15 8B	Kinetics of Activated Sludge Oxygenation,	Toxicity Bioassay of Heavy Metals in Water
TEXAS UNIV., AUSTIN. ANTENNAS AND PROPAGATION LAB.	W74-09437 7-18 5D	Using Tetrahymena Pyriformis, W74-03321 7-07 5C
Evaluation of a Hollow Spherical Cavity with a	TEXAS UNIV., AUSTIN. DEPT. OF	TEXAS UNIV., PORT ARANSAS. INST. OF
Circular Aperture as a Remote Sensor of At- mospheric Index of Refraction,	GEOLOGICAL SCIENCES. Holocene Meteoric Dolomitization of	MARINE SCIENCE. Characteristics of Nitrate Reduction in a Mu-
W74-10649 7-20 7B	Pleistocene Limestones, North Jamaica,	tant of the Blue-Green Alga Agmenellum
TEXAS UNIV., AUSTIN. APPLIED RESEARCH LABS.	W74-00101 7-01 2J Paleohydrology and Sedimentology of Lake	quadruplicatum, W74-01812 7-04 5C
In Situ Measurement of Sediment Sound Speed	Missoula Flooding in Eastern Washington,	Response of Blue-Green Algae to Technetium,
During Coring, W74-00294 7-01 2J	W74-04599 7-09 2E	W74-02050 7-04 5C
TEXAS UNIV., AUSTIN. BUREAU OF	TEXAS UNIV., AUSTIN. DEPT. OF	Mutagenesis and Genetic Recombination,
ECONOMIC GEOLOGY.	MICROBIOLOGY. Studies on Methanol-Oxidizing Bacteria. I.	W74-12572 7-23 5C
Sediment Distribution and Evolution of Tidal Deltas Along a Tide-Dominated Shoreline,	Isolation and Growth Studies, W74-01535 7-03 5C	TEXAS UNIV., PORT ARANSAS. MARINE SCIENCE INST.
Wachapreague, Virginia, W74-09099 7-17 2L	Microbial Degradation of Aromatic Hydrocar-	Utilization of Crude Oil Hydrocarbons by Mixed Cultures of Marine Bacteria,
TEXAS UNIV., AUSTIN. CENTER FOR	bons, W74-08614 7-16 5B	W74-08616 7-16 5B
RESEARCH IN WATER. Optimal Operation of Multi-Reservoir Water		Bacterial Seeding to Enhance Biodegradation
Resources Systems, W74-04314 7-09 4A	TEXAS UNIV., AUSTIN. DEPT. OF ZOOLOGY. The Production of Hydrogen Peroxide by Blue- Green Algae: A Survey,	of Oil Slicks, W74-08641 7-16 5B
TEXAS UNIV., AUSTIN. CENTER FOR	W74-04882 7-10 5C	Galveston Bay Benthic Community Structure
RESEARCH IN WATER RESOURCES. Complete Listing of Program Described in Op-	TEXAS UNIV., AUSTIN. DIV. OF NATURAL	as an Indicator of Water Quality, W74-13464 7-24 5A
timal Operation of Multi-Reservoir Water	RESOURCES AND ENVIRONMENT. The Management of Bay and Estuarine	TEXAS UNIV., SAN ANTONIO. DIV. OF
Resources Systems, W74-04315 7-09 4A	Systems in the Texas Coastal Zone, Phase II. W74-01620 7-03 5G	ENVIRONMENTAL STUDIES. Reliability and Economic Optimization for
Tenth Year Annual Report, Center for	TEXAS UNIV., AUSTIN. SCHOOL OF LAW.	Urban Return Flows Management,
Research in Water Resources, University of	Legal Assurances of Adequate Flows of Fresh	W74-05333 7-10 5B
Texas at Austin. W74-04595 7-09 9A	Water Into Texas Bays and Estuaries to Maintain Proper Salinity Levels,	TEXAS WATER COMMISSION, AUSTIN. Pollution Control: The Relation of Water Quali-
The Relationship of Land Use to Water Use in San Antonio, Texas,	W74-10549 7-20 6E	ty Protection to Exploration for and Production of Oil and Gas in the Southwest,
W74-07067 7-14 4A	TEXAS UNIV., DALLAS. INST. FOR ENVIRONMENTAL STUDIES.	W74-13342 7-24 5G
Instrumentation for Engineering Management of a Multi-Purpose River Basin System (Trinity	Literature Review on Research Study for the Development of Dredged Material Disposal	TEXAS WATER DEVELOPMENT BOARD, AUSTIN.
River Basin, Texas) Real-Time Engineering Management of a Multi-Purpose River Basin	Criteria, W74-10686 7-20 5B	Rules, Regulations and Modes of Procedure, Relating to the Texas Weather Modification
System, W74-07369 7-14 4A	TEXAS UNIV., DALLAS, INST. FOR	Act, V.A.T.S. Water Code, Chapter 14. W74-00357 7-01 3B
	GEOLOGICAL SCIENCES.	
Network Flow Modeling of Multireservoir Dis- tribution Systems,	Significance of Lead Isotope Composition in Blood,	Report by the National Water CommissionA Review,
W74-09952 7-19 4A	W74-09772 7-18 5A	W74-02463 7-05 6B

Dams and Reservoirs in Texas: Part II,	THIOKOL CHEMICAL CORP., BRIGHAM	TOKAI UNIV., TOKYO (JAPAN). COLL. OF
W74-03375 7-07 8A	CITY, UTAH. Cyanide Waste Treatment Utilizing Catalytic	MARINE SCIENCE AND TECHNOLOGY. A Possibility of Generation of Surf Beats,
Economic Optimization and Simulation	Oxidation,	W74-03681 7-07 8B
Techniques for Management of Regional Water	W74-07272 7-14 5D	TOKYO INST. OF TECH. (JAPAN). DEPT. OF
Resource Systems, W74-07714 7-15 6A	THIOKOL CHEMICAL CORP., BRIGHAM	CIVIL ENGINEERING.
W/4-0//14	CITY, UTAH. WASATCH DIV.	Optimal Control of Multiunit Interbasin Water
Regulation of Subsurface Disposal in Texas,	Coast Guard 20 Man Shipboard Wastewater	Resource Systems,
W74-10871 7-20 5B	Treatment SystemPhase 1, Final Report,	W74-10603 7-20 4A
Suspended-Sediment Load of Texas Streams,	W74-12083 7-23 5D	TOKYO METROPOLITAN UNIV. (JAPAN).
Compilation Report October 1965-September	THOMAS J. WATSON RESEARCH CENTER,	DEPT. OF CHEMISTRY.
1971,	YORKTOWN HEIGHTS, N.Y.	Chemical Composition and Molecular Weight
W74-11991 7-22 2J	Optimal Design and Operation of Water Dis-	Distribution of Dissolved Organic Matter
TEXAS WATER DEVELOPMENT BOARD,	tribution Systems, W74-05937 7-11 4A	Produced by Bacterial Degradation of Green Algae,
AUSTIN. COASTAL ZONE STUDIES BRANCH	W14-03931	W74-08494 7-16 5C
AND SYSTEMS ENGINEERING DIV.	The Random Model in Fluvial Geomorphology,	TOURO COURNOT UNITY (IABAN)
The Effects of Water Resources Development on Estuarine Environments,	W74-11035 7-21 8B	TOKYO SCIENCE UNIV. (JAPAN). Discharge Coefficients of Float-Area-Type
W74-09556 7-18 2L	THORNTHWAITE (C.W.) ASSOCIATES,	Flow Meters,
	ELMER, N.J. LAB. OF CLIMATOLOGY.	W74-09480 7-18 2E
TEXAS WATER DEVELOPMENT BOARD,	Coastal Storms of the Eastern United States,	TOUVO UNIV (TABAN)
AUSTIN. SYSTEMS ENGINEERING DIV. Systems Engineering Approach,	W74-03098 7-06 2B	TOKYO UNIV. (JAPAN). Field Investigation Practices of Coastal Studies
W74-00940 7-02 6A	TIKHOOKEANSKII NAUCHNO-	in Japan,
	ISSLEDOVATELSKII INSTITUT RYBNOGO	W74-04625 7-09 2L
Techniques for Identifying and Evaluating Mar- ket and Nonmarket Benefits and Costs of	KHOZYAISTVA I OKEANOGRAFII,	TOKYO UNIV. (JAPAN). BOTANICAL INST.
Water Resource Systems.	KHABAROVSK (USSR). Fecundity of the Grass Carp Ctenopharyn-	Dynamic Status of Primary Production in Lake
W74-06852 7-13 6B	godon idella (Val.) in the Amur Basin (In Rus-	Yunoko, A Small Eutrophic Subalpine Lake in
	sian),	Central Japan,
Analytical Techniques for Planning Complex Water Resource Systems.	W74-04121 7-08 2I	W74-01750 7-04 5C
W74-07722 7-15 6A	TIPPETTS-ABBETT-MCCARTHY-STRATTON,	TOKYO UNIV. (JAPAN). DEPT. OF
	NEW YORK.	AGRICULTURAL ENGINEERING.
TEXAS WATER QUALITY BOARD, AUSTIN.	Dam Collapse Wave in a River,	The Relationships Between Soil Water and En-
Seasonal Variations in Selected Physicochemi- cal Conditions of a Small Lake in Brazos Coun-		gineering Properties of the Clayey Soils, (In Japanese),
ty, Texas,	Tocks Island Lake Project,	W74-07679 7-15 2G
W74-00074 7-01 2H		
TEXAS WATER QUALITY BOARD, AUSTIN.	TOP A MERCHANT MARKET COLL (MARKET	TOKYO UNIV. (JAPAN). DEPT. OF CIVIL ENGINEERING.
CENTRAL OPERATIONS DIV.	TOBA MERCHANT MARINE COLL. (JAPAN). Red Tide in Ise Bay,	Response Characteristics of Underwater Wave
Water Utilities Operator Training: A Worthy		Guide,
Investment,		W74-03677 7-07 8B
W74-08879 7-17 5D	TOHOKU UNIV., SENDAI(JAPAN). DEPT. OF PUBLIC HEALTH.	A Study on Wave Transformation Inside Surf
TEXAS WESLEYAN COLL., FORT WORTH.	The Chemical Form and Bodily Distribution of	Zone,
DIV. OF SCIENCE.	Mercury in Marine Fish,	W74-03682 7-07 8B
Some Acute Effects of Low-Boiling Petroleum		Suspended Sediment Due to Wave Action,
Fractions on the Cellular Structure of Fish Gills	TOHOKU UNIV., SENDAI (JAPAN).	W74-04747 7-09 2J
Under Field Conditions, W74-08637 7-16 5C		Physical Process of Lanceton Process Polaridae
11,1000	The Generation of Edge Waves by Cylindrical	Rhythmic Pattern of Longshore Bars Related to Sediment Characteristics.
TEXAS WOMEN'S UNIV., DENTON. DEPT. OF	Waves Impinging From the Outer Sea,	W74-04750 7-09 2J
CHEMISTRY. Uptake of Mercuric Chloride and Methylmer-	W74-03451 7-07 2E	
cury Chloride from Liquid Media by Aspergil-		TOKYO UNIV. (JAPAN). DEPT. OF MOLECULAR ONCOLOGY.
lus niger and Penicillium notatum,	LAB., TOKYO (JAPAN).	Hepatic Tumors in the Guppy (Lebistes reticu-
W74-11877 7-22 5C		latus) Induced by Aflatoxin B1, Dimethyl-
THAMES CONSERVANCY, READING	Bay, (In Japanese), W74-13083 7-24 5C	nitrosamine and 2-Acetylaminofluorene,
(ENGLAND).	W/4-13063	W74-06438 7-12 5C
Report on the Lambourn Valley Pilot Scheme		TOKYO UNIV. (JAPAN). FACULTY OF
1967-1969,	(JAPAN). WOMEN'S COLL. Studies on the Influence of PCB on Aquatic	PHARMACEUTICAL SCIENCES.
W74-10862 7-20 4E	Organisms-II. Changes in Blood Characteristics	Slide Glass Method for Testing Slime in Indus-
THAYER SCHOOL OF ENGINEERING,	and Plasma Enzyme Activities of Carp Ad-	trial Water and Waste (In Japanese), W74-02073 7-04 5A
HANOVER, N.H.	ministered Orally With PCB (in Japan),	
Design and Cost Allocation Algorithm for	W74-13103 7-24 5C	TOKYO UNIV. (JAPAN). FACULTY OF
Waste Treatment Systems, W74-04116 7-08 5E	TOKAI UNIV., SHIZUOKA (JAPAN). WOMEN'S	SCIENCE. Results of Red Tide Formation in Tokyo Bay,
	COLL.	W74-07770 7-15 5C
THERMAL POWER CO., SAN FRANCISCO,	Studies on the Influence of PCB on Aquatic	

Organisms-III. Relationship Between the Intake

of PCB and its Accumulation in Various Tissues of Carp (in Japanese),

7-24 5C

CALIF.

California,

W74-09046

Economics of the Geysers Geothermal Field,

7-17 6C

W74-13104

TOKYO UNIV. (JAPAN). FISHERIES INST.

A Direct Estimation of Microgram Amounts of Ammonia in Water Without Salt-Error, 7-24 5A

	ORGANIZATIONAL INDEX	
TOKYO UNIV. (JAPAN). GEOPHYSICAL INST.		
TOKYO UNIV. (JAPAN). GEOPHYSICAL INST. Deformation of Temporal Pattern of Orbital Wave Velocity and Sediment Transport in Shoaling Water, In Breaker Zone and on Foreshore,	TOMBIGBEE RIVER VALLEY WATER MANAGEMENT DISTRICT, TUPELO, MISS. Progress Report on the Proposed Yellow Creek Port Project Tishomingo County, Mississippi, W74-00804 7-02 6A	The Effluent-Free Bleached Kraft Pulp Mill. Part V. The R4 Process for Chlorine Dioxide Manufacture to Decrease Production of Sodium Sulphate, W74-07378 7-14 5D
W74-02711 7-06 2L	Tombigbee River Valley Water Management	TORONTO UNIV. (ONTARIO). DEPT. OF
TOKYO UNIV. (JAPAN). INST. OF APPLIED MICROBIOLOGY. Effect of Copper and Hexavalent Chromium on the Specific Growth Rate of Ciliata Isolated	District, Tenth Annual Report. W74-02332 7-05 6B TOMSK POLYTECHNIC INST. (USSR).	CHEMICAL ENGINEERING AND APPLIED CHEMISTRY. Rate of Evaporation of Low-Solubility Contaminants from Water Bodies to Atmosphere,
from Activated-Sludge, W74-02994 7-06 5C	Antimony in Groundwater of the Kadamdzhay Deposit (Sur'ma v podzemnykh vodakh	W74-00071 7-01 5B
Investigation of the Energetics of Methane- Utilizing Bacteria in Methane- and Oxygen-	Kadamdzhayskogo mestorozhdeniya), W74-09648 7-18 4B	Evaporation Rates of Liquid Hydrocarbon Spills on Land and Water, W74-00775 7-02 5B
Limited Chemostat Cultures,	TOMSK STATE UNIV. (USSR).	W /4-00//5 /-02 3B
W74-03601 7-07 5A	Probability Analysis in an Approximate Theory of Movement of Water Masses,	TORONTO UNIV. (ONTARIO). DEPT. OF CIVIL ENGINEERING.
TOKYO UNIV. (JAPAN). INST. OF INDUSTRIAL SCIENCE.	(Veroyatnostnyy analiz v priblizhennoy teorii	Fate of Lignin in Kraft Effluent Treatment,
Ion-Exchange Separations on Mixed Columns, W74-02398 7-05 5A	peremeshcheniya vodnykh mass), W74-02305 7-05 2E	W74-01320 7-03 5B
	Catalog of USSR Glaciers. Volume 15. Altay	Aerobic Digestion of Organic Sludges Contain- ing Inorganic Phosphorus Precipitates: Phase I,
A Study on the Erosion of Niigata Beach from ERTS-A Imagery, W74-02584 7-05 7B	and West Siberia. No. 1. Gornyy Altay and Upper Irtysh. Part 6. Chuya River Basin	W74-07268 7-14 5D
	(Katalog lednikov SSSR. Tom 15. Altay i	Psychrophiles in Waste Treatment,
TOKYO UNIV. (JAPAN). OCEAN RESEARCH INST.	Zapadnaya Sibir'. Vypusk 1. Gornyy Altay i	W74-10176 7-19 5D
Capacities of Shallow Waters of Sagami Bay for Oxidation and Reduction of Inorganic	Verkhniy Irtysh. Chast' 6. Basseyn r. Chui), W74-11214 7-21 2C	Sewage Electrolysis, W74-11871 7-22 5D
Nitrogen,	TOMSK STATE UNIV. (USSR). KAFEDRA	D 11 10 1 N
W74-00047 7-01 5B	POCHVOVEDENIYA I AGROKHIMII. Moisture Regime of Southern Chernozem	Degradation of Organic Nitrogenous Com- pounds by Psychrophilic Bacteria,
Experimental Study of Wave Reflection by a Sloping Beach.	Within Shelterbelts, (Rezhim vlazhnosti yuzh-	W74-13312 7-24 5D
W74-01223 7-03 2E	nogo chernozema v sisteme lesnykh polos), W74-02302 7-05 2G	TORONTO UNIV. (ONTARIO), DEPT. OF GEOGRAPHY.
Silica Gel Medium for Enumeration of Petrole-	TOPEKA WATER DEPT. KANS.	The Impact of Man-Made Lakes on Residential
umlytic Microorganisms in the Marine Environ- ment,	Polyelectrolytes as Primary Coagulants for Potable Water Systems.	Property Values: A Case Study and Methodological Exploration,
W74-01532 7-03 5A	W74-11117 7-21 5F	W74-13066 7-24 6B
Immunological Identification of Pigment Com- ponent of a Photochemically Active	TORONTO UNIV. (ONTARIO).	TORONTO UNIV. (ONTARIO). DEPT. OF
Chromoprotein (ACP) Isolated From the Blue-	A Study of Foaming Problems in an Oxidation	GEOLOGY. The Determination of Heavy Metals in
Green Alga Anabaena cylindrica, W74-01811 7-04 5C	Ditch Treating Swine Waste, W74-09703 7-18 5D	Domestic Sewage Treatment Plant Wastes,
		W74-07763 7-15 5A
Ecological Characteristics of Go-No-Ike Lake, W74-04638 7-09 5C	Biological Removal of Lignin from Kraft Mill Effluents: Changes in Molecular Size Distribu- tion,	TORONTO UNIV. (ONTARIO). DEPT. OF MECHANICAL ENGINEERING.
TOKYO UNIV. (JAPAN). SCHOOL OF HEALTH SCIENCES.	W74-12957 7-24 5D	Wind Driven Water Currents, W74-03619 7-07 8E
Compartmental Analysis for the Evaluation of	TORONTO UNIV. (ONTARIO). DEPT. OF	Bubbly Two-Phase Flow in Hydraulic Jump,
Biological Half-Lives of Cadmium and Mercury in Mouse Organs,	BOTANY. An Alternative Explanation for the Apparently	W74-05831 7-11 8E
W74-12520 7-23 5B	Active Water Exudation in Excised Roots, W74-11072 7-21 3F	TORONTO UNIV. (ONTARIO). DEPT. OF
TOKYO UNIV. OF EDUCATION (JAPAN).	W/4-110/2 /-21 3F	PHYSIOLOGY.
Odonata of Sugadaira and Vicinity,	TORONTO UNIV. (ONTARIO). DEPT. OF	Brain Aluminum Distribution in Alzheimer's
W74-02783 7-06 2I TOKYO UNIV. OF EDUCATION (JAPAN).	BOTANY; AND TORONTO UNIV. (ONTARIO). INST. OF ENVIRONMENTAL SCIENCES AND	Disease and Experimental Neurofibrillary Degeneration,
FACULTY OF SCIENCE.	ENGINEERING.	W74-09579 7-18 50
Underground Waste Disposal and Artificial Recharge in Japan.	The Phytotoxicity of Crude Oil Spills in Fresh- water,	TORONTO UNIV. (ONTARIO). DEPT. OF

7-07 5E

7-03 5C

7-24 5D

7-12 21

Screening and Selection of Solvents for Extrac-

7-12 5D

tion of Phenol from Water,

W74-06410

osphorus Precipitates: Phase I, 7-14 5D Waste Treatment, 7-19 5D lysis, 7-22 5D Organic Nitrogenous Comhrophilic Bacteria, 7-24 5D (ONTARIO), DEPT. OF Man-Made Lakes on Residential ues: A Case Study and Exploration. 7-24 6B . (ONTARIO). DEPT. OF ation of Heavy Metals in ge Treatment Plant Wastes, 7-15 5A . (ONTARIO). DEPT. OF NGINEERING. ater Currents, 7-07 8B ase Flow in Hydraulic Jump, 7-11 8B . (ONTARIO). DEPT. OF m Distribution in Alzheimer's Experimental Neurofibrillary 7-18 5C . (ONTARIO). DEPT. OF URBAN AND REGIONAL PLANNING. W74-01820 7-04 5C Reservoir Operation for Recreation Usability, Cadmium and Zinc Toxicity and Synergism to W74-00185 7-01 4A Floating Aquatic Plants, TORONTO UNIV. (ONTARIO). DEPT. OF W74-01821 7-04 5C ZOOLOGY. TORONTO UNIV. (ONTARIO). DEPT. OF An In Situ Examination of the Grazing Activi-CHEMICAL ENGINEERING. ties of Natural Zooplankton Communities, Effluent-Free Bleached Kraft Pulp Mill: Present State of Development, TORONTO UNIV. (ONTARIO). FACULTY OF W74-05275 7-10 5D FORESTRY.

The Influence of Draw-Down on Recreation on

7-18 4A

the Trent Canal Reservoir-Lakes,

W74-09555

W74-03226

W74-01530

W74-12951

W74-06055

TOLEDO UNIV., OHIO.

Metropolitan Area,

TOKYO UNIV. OF FISHERIES (JAPAN).

Distribution of (C-14) PCBs in Carp,

Industrial Waste Disposal Made Profitable,

TOLEDO UNIV., OHIO. DEPT. OF BIOLOGY.

Diversity and Longitudinal Zonation in Fish

Populations of Two Streams Entering a

Turbidity Control by Automatic Diversion,

A Sampler for the Chemical Analysis of Fresh-

Growth , Life History, and Respiration of

Mysis relicta in an Arctic and Temperate Lake, W74-06500 7-12 2H

TREATMENT AND SUPPLY, ASPEN, COLO.

TRENT UNIV., PETERBOROUGH (ONTARIO).

waters Using Evacuated Tubes,

DEPT. OF BIOLOGY.

W74-05321

TORONTO UNIV. (ONTARIO). INST. OF

The Impact of Policy Variables on Residential

Water Demand and Related Investment

Design and Performance Criteria for Settling

Tanks for the Removal of Physical-Chemical

Heavy Metals in Agricultural Lands Receiving

ENVIRONMENTAL SCIENCES AND

ENGINEERING.

Requirements, W74-03477

Flocs.

W74-08396

W74-10660

7-20 4C

lated Flow, (In Russian).

INSTITUT FUR CHEMISCHE PFLANZENPHYSIOLOGIE.

W74-04279

pendix D,

W74-12591

W74-08143

7-10 7B

OSETROVOGO KHOZYAISTVA, ASTRAKHAN

Water Supply in the Volga Basin and its Effect

on Strugeon Reproduction, Family Acipen-

seridae Under Conditions of Natural and Regu-

Mass Cultivation of Anacystis Nidulans. Ap-

TUEBINGEN UNIV. (WEST GERMANY).

7-08 SI

W74-08397	7-16 5E	TRENT UNIV., PETERBOROUGH	i (ONTARIO).	TUEBINGEN UNIV. (WEST GERM	IANY).
		DEPT. OF CHEMISTRY.	C1	TROPENMEDIZINISCHES INSTIT	
TORONTO UNIV. (ONTARIO).		Semiintegral Electroanalysis:	Shapes of	Hydrochemical Living Condition	is of Immature
ENVIRONMENTAL SCIENCES		Neopolarograms,	1.	Stages of Boophthora Erythroce	phala de Geer
ENGINEERING; TORONTO UN		W74-01333	7-03 5A	(Diptera, Simuliidae): 1. Field St	udies, (In Ger-
DEPT. OF GEOLOGY; AND TO		TRENT VALLEY PAPERBOARD	MILLO	man),	
(ONTARIO). DEPT. OF CHEMI			MILLS	W74-12728	7-23 2
Mercury Contamination of V		(ONTARIO).			
the Application of Sewage S	ludge as a Fertil-	Can Screened White Water b	se Recycled to	TUFTS UNIV., MEDFORD, MASS.	DEPT. OF
izer, W74-11133	7-21 5A	Shower Felts,	2 12 CD	GEOLOGY.	
W /4-11133	1-21 JA	W74-06384	7-12 5D	Shoreline Processes Near Barro	
TORRY RESEARCH STATION	ABERDEEN	TRIESTE UNIV. (ITALY).		Comparison of the Norm	al and the
(SCOTLAND).	,	Typical Level of Lead in Mytil	us Callansonia	Catastrophic,	2.02 .03
The Bacterial Flora of the	Atlantic Salmon			W74-01193	7-03 21
(Salmo salar L.) in Relation to	its Environment,	cialis LMK From The Gulf of T	7-21 5B	TULANE UNIV., NEW ORLEANS,	LA DEPT
W74-07567	7-14 5A	W74-11290	7-21 3B	OF BIOLOGY.	, LA. DEL
		TRIESTE UNIV. (ITALY). INST.	OF HYGIENE	Environmental Evaluation Base	ed on Relativ
TOTTOIR UNIV. (JAPAN). SAN	ND DUNE	Marine Pollution by Metals and		Growth Rates of Fishes,	on account
RESEARCH INST.		lation by Biological Indicators		W74-11937	7-22 50
On Application Efficiency		Factor).	(Accumulation		
Trickle Irrigation in a Sand	d Dune Field (In	W74-10793	7-20 5C	TULANE UNIV., NEW ORLEANS.	, LA. DEPT.
Japanese),		W /4-10/93	1-20 30	OF CIVIL ENGINEERING.	
W74-13348	7-24 3F	Marine Pollution by Hydroc	arbons in the	Potable-Water Supply by Means	of Upflow Fil
TOTTORI UNIV. (JAPAN). SAN	ND DUNE	Northern Adriatic Sea,	aroons in the	tration (L'Eau Claire Process),	
RESEARCH INST.	ND DUNE	W74-10794	7-20 5B	W74-08210	7-16 51
On the Hydraulics of the No.	arle on Trickle Ir.	W 14-10/24	1-20 30		
rigation System (In Japanese)		TRIPPENSEE CORP., SAGINAW	, MICH.	TULANE UNIV., NEW ORLEANS	, LA. DEPT.
W74-13349	7-24 3F	(ASSIGNEE)	,	OF PHYSIOLOGY.	
W 14-15545	7-24 31	Benthic Dredge Construction.		Bacterial Endotoxins in the Envi	
TOUPS ENGINEERING, INC, S	SANTA ANA,	W74-03022	7-06 8C	W74-00618	7-02 51
CALIF.				TULSA CITY-COUNTY HEALTH	DEPT
Water Quality and Other As	spects of Ground-	TROPICAL BIOINDUSTRIES DE	VELOPMENT	OKLA.	DEI 1.9
Water Recharge in Southern	California,	CO., SOUTH MIAMI, FLA.		The Identification and Me	asurement o
W74-06366	7-12 5B	Applicability of the Interceptor	Waterway Con-	Chlorinated Hydrocarbon Pesti	
		cept to the Rookery Bay Sanctu		lated From Urban Runoff.	cides Accume
TOWILL, INC., SAN FRANCIS		W74-02205	7-05 4A	W74-02665	7-06 5
An Empirical Study of Ligh				W 14 02003	7.00 3
and Application of the Findi		TRW SYSTEMS GROUP, REDON	NDO BEACH,	Regional Environmental Pollut	ion Study: In
of Precise Surveying System	is for Dam Align-	CALIF.		ventory and Analysis.	
ment.	7.21 04	Development and Flight Test o	f the Multichan-	W74-05239	7-10 51
W74-11212	7-21 8A	nel Ocean Color Sensor (MOCS	3),		
TRACOR, INC., AUSTIN, TEX		W74-05026	7-10 7B	TULSA CITY-COUNTY HEALTH	
Statistical Analysis of Hy-				OKLA. ENVIRONMENTAL HEAD	
teristics for Small Urban Wat		Digital Rectification of ERT	S Multispectral	Regional Pollution Study: Invent	tory and Analy
W74-04459	7-09 2A	Imagery,		sis.	
		W74-06650	7-13 7C	W74-00849	7-02 5
TRANSPORT AND ROAD RES	EARCH LAB.,			TULSA UNIV., OKLA. DEPT. OF	CEOLOGY
CROWTHORNE (ENGLAND).		TSENTRALNYI NAUCHNO-		Dynamic Relationship Between	
The Estimation of Flood Fl	ows from Natural	ISSLEDOVATELSKI LESOKHIM	IICHESKI	Sedimentation in the Altamaha I	
Catchments,		INSTITUT, KHIMKI (USSR).		W74-10372	7-20 2
W74-05850	7-11 4A	Final Purification of Biochemic		117-103/2	7-20 2
Estimated Rainfall for Drains	an Calculations in	fluents from Wood Rosin Extr		TUNIS UNIV. (TUNISIA). DEPT. (OF
the United Kingdom,	age Calculations in	(Doochistka biokhimicheski	ochishchennykh	GEOGRAPHY.	
W74-10241	7-19 2B	stokov kanifol'no-ekstraktsionr	ogo proizvodst-	The Plio-Quaternary Climatic	Changes Alon
W /4-10241	7-19 2B	va),		the Semiarid Seaboard of Chile,	
A Reservoir Model Alterna	ative to the Unit	W74-12960	7-24 5D	W74-06478	7-12 2
Hydrograph for Flood Estima					
W74-10432	7-20 4A	Determination of Phenols in E		TUNIS UNIV. (TUNISIA). LABOR	ATOIRE
		tammetry (Opredelenie feno		D'OCEANOGRAPHIE.	
TRANSPORT AND ROAD RES		vol'tamperometricheskim meto-		Determination of Counting Eff	
CROWTHORNE (ENGLAND).	STRUCTURAL	W74-12964	7-24 5A	by Liquid Scintillation in Prim	
PROPERTIES DIV.		POPUTRAL NUL NATIONAL		Measurements in a Lagoon Er	avironment, (I
Drainage of Level or Nearly	Level Roads,	TSENTRALNYI NAUCHNO-		French),	

ISSLEDOVATELSKII INSTITUT

TURKU UNIV. (FINLAND). INSTITUTUM GEOGRAPHICUM.

TURKU	UNIV. (FINLAND). INSTITUTUM
GEOGR	APHICUM.

On the Formation of Small Marginal Lakes on the Juneau Icefield, South-Eastern Alaska, IIS.A. W74-01379

TUSKEGEE INST., ALA.

The Effects of Trace Metals on Ground Water Quality as Influenced by Soils Reflecting Dif-ferences in Organic Matter Content and Genetic Conditions,

W74-02211

TYUMENSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT (USSR).

Organization and Sanitary-Hygienic Evaluation of the Drinking Water Supply of Oil and Gas Regions of the Northern Ob Area, (In Russian), W74-10581 7-20 5F

U.E.R. CORDELIERS, PARIS (FRANCE). LABORATOIRE DE PARASITOLOGIE ET MYCOLOGIE.

Mycological Applications of X-Ray Microanalvsis. W74-06096

UDAIPUR UNIV. (INDIA).

Quality of Well Waters of Jaipur District, W74-07106 7-14 4B

UDAIPUR UNIV. (INDIA). COLL. OF AGRICULTURE.

Comparative Study on the Interactive Effect of Qualities of Irrigation Water and Fertilizer Levels on the Yield of Wheat Grown on Different Soils. 7-17 3F W74-08779

UDAIPUR UNIV. (INDIA). DEPT. OF BOTANY.

Effects of Some Metabolic Inhibitors on Heterocyst Formation in the Blue-Green Alga, Anabaena doliolum, W74-01823 7-04 5C

UGANDA GEOLOGICAL SURVEY AND MINES DEPT., ENTEBBE.

Thermal and Mineral Springs in Uganda, W74-08978 7-17 2F

UHDE (FRIEDRICH) G.M.B.H., DORTMUND (WEST GERMANY).

Reduction of BOD and Phosphate by Chemical Precipitation. Utilisation of Sludge, W74-02267 7-05 5D

UKRAINIAN RESEARCH INST. OF THE FISH INDUSTRY, KHERSON (USSR).

Aquatic Vegetation of Fishponds of the Western Regions of the Ukraine, (In Russian), W74-01075

Effect of Water Salinity on the Incidence of Posthodiplostomum Infection in Fish, (In Russian).

W74-10938

New Cases of Massive Development of Prymnesium Parvum Cart, (In Russian), W74-13391 7-24 SC

UKRAINIAN RESEARCH INST. OF THE FISH INDUSTRY, KIEV (USSR).

Comparative Efficiency of the Area Unit Used for Fish Breeding and Other Agricultural Purposes, (In Russian),

W74-01084 7-02 8I

The Quantity and Dimensions of Microorganisms in Bottom Sediments of Fish-Breeding Ponds (In Russian), W74-02228 7-05 SI Philometra lusiana from Fishes of the Kremenchug Reservoir, USSR, (In Russian), W74-09449 7-18 2H

UKRAINSKI NAUCHNO-ISSLEDOVATELSKII INSTITUTE BUMAGI, KIEV (USSR).

Apparatus for Automatic Control of Sediment Level (Pribor dlya avtomaticheskogo kontrolya urovnya osadka), W74-03541

UKRAINSKII NAUCHNO-ISSLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT, KIEV (USSR).

Streamflow Formation, Computations, and Regulation (Formirovaniye, raschety i regulirovaniye rechnogo stoka).

W74-00592 7-02 4A

Procedures for Computing Movement of Spring Flow Along the Cascade of Reservoirs on the Dnieper River (Metodika rascheta dvizheniya vesennego stoka po kaskadu vodokhranilishch

Experiment in Calculating Movement of the 1970 Flood Wave Along the Cascade of Dniper Reservoirs (Opyt rascheta dvizheniya volny

polovod'ya 1970 g. po kaskadu dneprovskikh vodokhranilishch), W74-00594

Short-Term Forecast of Daily Discharges of the Dnieper River at Kiev During the Period of the 1970 Flood (O kratkosrochnom prognoze yezhednevnykh raskhodov Dnepra u Kiyeva v period polovod'ya 1970 g.), W74-00595 7-02 4A

Problem of Simplifying Snowmelt Computations (K voprosu ob uproshchennom raschete snegotavaniva).

Calculation of Spring Runoff Depth in Carpathian Rivers (Raschet sloya vesennego stoka rek Karpat).

W74-00597

Flash Floods on Carpathian Rivers in June 1969 and May 1970 (Livnevyye pavodki na rekakh Karpat v iyune 1969, maye 1970 g.), W74-00598 7-02 2F

Factors Responsible for Floodflow in Carpathian Rivers (as illustrated by the Stryy and Bystritsa Rivers) (Faktory pavodochnogo stoka karpatskikh rek (na primers Stryya i Bystritsy)).

W74-00599 7-02 2E

Computation of Maximum Storm Runoff for Designing Erosion Control Structures in Southwestern European Russia (Rashet maksimal'nogo livnevogo stoka pri proyektirovanii protivoerozionnykh sooruzheniy v yugo-zapadnov chasti YeTS).

W74-00600 7-02 2D

Surface-Groundwater Relationships on the Eastern Dniester Left Bank (O vzaimosvyazi poverkhnostnykh i podzemnykh vod na vostoke levoberezhnogo Podnestrov'ya), W74-00601 7-02 2A

Thermal Regime of the Lower Reaches of the

Danube River in Autumn and Winter, 7-05 2C

Storm Rainfall in the Carpathians in June 1969,

Storm Rainfall in the Black Sea Region as a Factor in Soil Erosion, W74-02607 7-05 2B

UKRAINSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT BUMAGI, KIEV.

Replacement of the Anthracite Sublayer in Anion-Exchange Filters of Water Purification Equipment (Zamena antratsitovogo podsloya v anionitovykh fil'trakh vodoochistnykh ustanovok). W74-08407 7-16 5D

UKRAINSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT BUMAGI, KIEV (USSR).

Utilization of White Water in Board Mills (Ispol'zovanie oborotnoi vody na kartonnykh fabrikakh) W74-07397 7-14 5D

Reduction of Waste Water Pollution in Paperboard Mills (Snizhenie zagryazneniya stochnykhvod na kartonnykh fabrikakh), W74-12961

UKRAINSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI I MELIORATSII, KIEV (USSR).

Calculation of the Concentration of the Biomass of Blue-Green Algae During Settling, (In Russian), W74-04645 7-09 5C

UMEA UNIV. (SWEDEN). DEPT. OF ANALYTICAL CHEMISTRY.

A Study of Liquid-Membrane Perchlorate-Selective Electrodes Made from an Organic Radical Ion Salt, W74-00649 7-02 5A

UMEA UNIV. (SWEDEN). DEPT. OF ECOLOGICAL ZOOLOGY.

A Simple Principle for Dosing Apparatus in Aquatic Systems, W74-00473 7-01 7B

UNILEVER LTD., PORT SUNLIGHT (ENGLAND). UNILEVER RESEARCH LAB.

Surfactant-Selective Electrodes. Part I. An Improved Liquid Ion-Exchanger, W74-05474 7-11 5A

UNILEVER LTD., SHARNBROOK (ENGLAND). UNILEVER RESEARCH LAR

Effect of Water Hardness on the Toxicity of an Anionic Detergent to Fish, W74-11310 7-21 SC

Lipid Composition and Metabolism, 7-23 5C W74-12569

UNION CARBIDE CORP., BOUND BROOK, N.J. New Polymer Membrane Technology for Desalination of Seawater by Reverse Osmosis, W74-00312

UNION CARBIDE CORP., BOUND BROOK, N.J. CHEMICALS AND PLASTICS.

Viscosity Actuated Phase Separating (VAPS), For Oil-Water Separations, W74-10231 7-19 5G

UNION CARBIDE CORP., NEW YORK.

Corrosion by Waters, W74-07890 7-15 8G

UNION CARBIDE CORP., NEW YORK. (ASSIGNEE).

Nitrification of BOD-Containing Water, 7-05 5D

Phosphorous Removal from Wastewater. W74-03667 7-07 5D

UNIVERSAL OIL PRODUCTS, ST. PAUL, MINN.

Environmental Monitoring Report, United	ANGELES, CALIF. (ASSIGNEE). Reduction of Water Pollution by Biological	MICH.
States Atomic Energy Commission, Oak Ridge Facilities, Calendar Year 1972. W74-11658 7-22 5B	Denitrification, W74-12808 7-24 5D	Shifting Offshore Bars and Harbor Shoaling, W74-01191 7-03 2J
W74-11658 7-22 5B	W /4-12808 /-24 3D	Currents at Toledo Harbor,
Environmental Monitoring Report - United States Atomic Energy Commission, Oak Ridge	UNION TANK CAR CO., CHICAGO, ILL. (ASSIGNEE).	W74-01214 7-03 2H
Facilities, Calendar Year 1971. W74-11659 7-22 5B	Water Treating Apparatus, W74-09189 7-17 5D	Spectral Analysis of Shallow Water Waves in Lake Michigan.
Environmental Monitoring Report, United	UNIROYAL, INC., NEW YORK. (ASSIGNEE)	W74-03439 7-07 2H
States Atomic Energy Commission, Oak Ridge	Apparatus,	Winds Wind Cat Ups and Cainbas on Lake
Facilities, Calendar Year 1973.	W74-03014 7-06 5G	Winds, Wind Set-Ups, and Seiches on Lake Erie.
W74-11667 7-22 5B	UNIROYAL LTD., GUELPH (ONTARIO).	W74-03625 7-07 8B
UNION CARBIDE CORP., SOUTH	RESEARCH LABS.	117 03023
CHARLESTON, W. VA.	Gas Chromatographic Determination of	Littoral Transport in the Great Lakes,
Sampling for Waste Water Analyzers. Part I:	Aliphatic Amines and Quantitative Analysis of	W74-04334 7-09 2J
Systematic Approach,	Small Amounts of Dimethylamine in Waste-	Modification of Nearshore Currents by Coastal
W74-00642 7-02 5A	water, W74-00077 7-01 5A	Structures,
Sampling for Waste Water Analyzers. Part II:		W74-04341 7-09 8B
Effective Applications,	UNITED AIRCRAFT CORP., EAST	C W . D . L . W . L
W74-00643 7-02 5A	HARTFORD, CONN.	Currents at Harbor Beach, Michigan,
UNION CARBIDE CORP., SOUTH	Vortex Oil-Water Separator System Providing Clean Water,	W74-04342 7-09 5B
CHARLESTON, W. VA. CHEMICALS AND	W74-05893 7-11 5G	UNITED STATES PLYWOOD-CHAMPION
PLASTICS.		PAPERS, INC., NEW YORK. (ASSIGNEE).
Pump Installation and Maintenance,	Vortex Oil-Water Separator System Providing	Color Removal from Kraft Mill Aqueous Ef-
W74-07873 7-15 8C	Clean Water, W74-05894 7-11 5G	fluents,
UNION CARBIDE CORP., SOUTH		W74-02039 7-04 5D
CHARLESTON, W. VA. DEPT. OF	UNITED AIRCRAFT RESEARCH LAB., EAST	UNIV., OF CALIFORNIA, LOS ANGELES.
ENGINEERING.	HARTFORD, CONN.	SCHOOL OF ENGINEERING AND APPLIED
Application of Analytical Instrumentation to	Vortex Concept for Separating Oil from Water, W74-01148 7-03 5G	SCIENCE.
Industrial Monitoring of Aqueous Effluents, W74-10973 7-21 5B	W/4-01148 /-03 3G	Optimization of the Assimilative Waste Capaci-
W 14-109/3	UNITED KINGDOM ATOMIC ENERGY	ty of the Unsaturated and Saturated Zones of
UNION CARBIDE CORP., TARRYTOWN, N.Y.	AUTHORITY, LONDON (ENGLAND).	an Unconfined Aquifer System, W74-08152 7-16 5B
A New Aquatic Insect Trap,	(ASSIGNEE). Membranes for Reverse Osmosis.	W74-08152 7-16 5B
W74-02551 7-05 7B	W74-10932 7-21 5D	UNIV. OF OKLAHOMA, NORMAN. DEPT. OF
UNION CARBIDE CORP., TONAWANDA, N.Y.		ZOOLOGY.
Waste Water Treatment: Using Pure Oxygen	UNITED NATIONS EDUCATIONAL,	Culturing and Ecology of Diaptomus Clavipes
for Secondary Treatment,	SCIENTIFIC AND CULTURAL ORGANIZATION, PARIS (FRANCE). OFFICE	and Cyclops Vernalis,
W74-05247 7-10 5D	OF HYDROLOGY.	W74-12213 7-23 5C
UNION CARBIDE CORP., TONAWANDA, N.Y.	Transfer of Water Resources Knowledge	UNIV. OF WASHINGTON, SEATTLE. DEPT. OF
LINDE DIV.	Aspects of the Work of the United Nations	OCEANOGRAPHY.
The Activated Sludge Process using High-Puri- ty Oxygen for Treating Kraft Mill Wastewater,	System, W74-00228 7-01 10A	Ammonia Excretion by Zooplankton and Its
W74-03068 7-06 5D		Significance to Primary Productivity During
	UNITED NATIONS, NEW YORK. RESOURCES	Summer, W74-12253 7-23 5C
Oxygen Activated Sludge Wastewater Treat-	AND TRANSPORT DIV.	W 14-12255
ment Systems: Design Criteria and Operating Experience,	The Role of Geology and Hydrology in Geothermal Exploration,	UNIVERSAL DESALTING CORP., NEW YORK.
W74-03496 7-07 5D	W74-11761 7-22 4B	Fourth Report on Horizontal-Tube Multiple-Ef-
	VINITED NATIONS WATER RESOURCES	fect (HTME) Process Pilot Plant Test Program,
Activated Sludge Process Using Pure Oxygen, W74-11799 7-22 5D	UNITED NATIONS WATER RESOURCES DEVELOPMENT CENTER, NEW YORK.	W74-11633 7-22 3A
W/4-11/77 /-22 3D	Transfer of Knowledge in Water Resources	Fifth Report on Horizontal-Tube Multiple Ef-
UNION COLL., SCHENECTADY, N.Y. DEPT.	Policies from Developed to Developing Coun-	fect (HTME) Process Pilot Plant Test Program,
OF BIOLOGICAL SCIENCES.	tries,	W74-11634 7-22 3A
DDT Inhibition of Active Chlorophenol Red Transport in Goldfish (Carassius auratus) Renal	W74-00225 7-01 10A	UNIVERSAL OIL PRODUCTS CO., DEARBORN
Tubules,	Transfer of Water Resources Knowledge	HEIGHTS, MICH. WOLVERINE TUBE DIV.
W74-03573 7-07 5C	Through the United Nations Technical	Development of a Production Technique for
UNION OF CONCERNED CCIENTISTS	Assistance Activities,	Porous Stainless Steel Tubes,
UNION OF CONCERNED SCIENTISTS, CAMBRIDGE, MASS.	W74-00226 7-01 10A	W74-08503 7-16 8G
The Nuclear Fuel Cycle A Survey of the	UNITED POWER ASSOCIATION, ELK RIVER,	UNIVERSAL OIL PRODUCTS CO.,
Public Health, Environmental and National	MINN.	MELBOURNE (AUSTRALIA).
Security Effects of Nuclear Power,	Final Elk River Reactor Site Survey, Results and Summary - July 23, 1974.	Treatment of Aqueous Waste Streams Contain-
W74-08947 7-17 5C	W74-12903 7-24 5B	ing a Water-Soluble Sulfide Compound.
Catastrophic Nuclear Accidents,		W74-10276 7-19 5D
W74-08950 7-17 5C	UNITED STATES BORAX RESEARCH CORP.,	UNIVERSAL OIL PRODUCTS, ST. PAUL,
UNION OIL CO. OF CALIFORNIA, LOS	ANAHEIM, CALIF. Photolysis of the Herbicide Dinitramine	MINN.
ANGELES.	(N3,N3-Diethyl-2,4-Dinitro-6-Trifluoromethyl-	Water System Operator Needs Basic Informa-
Porosity-Resistivity Cross-Plotting,	M-Phenylenediamine),	tion To Keep Pumps Working, Part I.
W74-07900 7-15 8G	W74-00282 7-01 5B	W74-10103 7-19 8C

UNIVERSAL OIL PRODUCTS, ST. PAUL,	Ecological Survey of the Venezuelan Western	First Characterization of the Runoff From the
MINN. JOHNSON DIV.	Llanos: III. The Southern Part of the Barinas	Watershed of the Manso Superior River and its
Corrosion and Incrustation - Guidelines for	State, (In Spanish),	Basins (Argentina), (In Spanish),
Water Wells,	W74-13500 7-24 4A	W74-07536 7-14 2E
W74-00948 7-02 8G		
	UNIVERSIDAD NACIONAL ANTONOMA DE	UNIVERSIDADE FEDERAL DA BAHIA,
The 'Tenacious' Iron Bacteria,	MEXICO, MEXICO CITY.	SALVADOR (BRAZIL). INST. OF
W74-04143 7-08 5B	Study of Algae Used as Foods in the Valley of	GEOSCIENCES.
The Distance of the Charles of the Charles of the	Mexico, (In Spanish),	Application of Red-Lead to the Detection of
The Right Chemicals are Able to Restore or In-	W74-00982 7-02 2H	Dissolved Sulfide in Waterlogged Soils, W74-13161 7-24 2G
crease Well Yield, Part II, W74-10085 7-19 8G	UNIVERSIDAD NACIONAL AUTONOMA DE	W/4-15101 /-24 20
W /4-10063	MEXICO, MEXICO CITY. CENTRO DE	UNIVERSITE DE PARIS-SUD XI, SCEAUX
Water is Where You Find It,	INVESTIGACION EN MATEMATICAS	(FRANCE), LAB. OF PLANT CELLULAR
W74-10094 7-19 8B	APLICADAS Y SISTEMAS.	PHYSIOLOGY.
	Integrodifferential Equations for Systems of	Red Light and Nitrogen Starvation Induced
Pumping Water by the Air-Lift Method has	Leaky Aquifers and Applications 2. Error Anal-	Changes in Pigment Composition
Practical Applications,	ysis of Approximate Theories,	(Phycoerythrin, Chlorophyll Forms) and
W74-10097 7-19 8C	W74-12333 7-23 2F	Photosynthetic 02 Evolution of Porphyridium
		Sp. (Effets de la Lumiere Rouge et de la
Designing An Efficient Well Can Be Easy,	UNIVERSIDAD NACIONAL AUTONOMA DE	Carence en azote sur la composition pigmen-
W74-10104 7-19 8A	MEXICO, MEXICO CITY. FACULTAD DE	taire (phycoerythrine, holochromes chlorophyl-
Fasters Affasting Design Development and	INGENIERIA.	liens) et l'emission d'02 photosynethetique de
Factors Affecting Design, Development and	A Mixing Cell Model for Longitudinal Disper-	porphyridium sp).,
Cost of Wells,	sion in Open Channels,	W74-02964 7-06 5C
W74-12541 7-23 8B	W74-07527 7-14 8B	
UNIVERSAL WATER CORP., SAN DIEGO,	UNIVERSIDAD NACIONAL DE CUYO,	UNIVERSITE SCIENTIFIQUE ET MEDICALE
CALIF.	MEDOZA (ARGENTINA). INSTITUTO DE	DE GRENOBLE (FRANCE).
Application of Externally Wound Tubular	BIOLOGIA VEGETAL.	Ecological Research, Eradication of
Membrane Systems for Sea Water Desalina-	Drought Hardening in Onions: I. Influence of	Mosquitoes, and Protection of Nature,
tion,	Presowing Treatments on Vegetative Behavior	W74-11189 7-21 5B
W74-08843 7-17 3A	and Yield, (In Spanish),	UNIVERSITE SCIENTIFIQUE ET MEDICALE
	W74-08148 7-15 3F	DE GRENOBLE (FRANCE). INSTITUT DE
UNIVERSIDAD AUTONOMA DE NUEVO	7.75 52	MECANIQUE.
LEON, MONTERREY (MEXICO). FACULTY OF	UNIVERSIDAD NACIONAL DE CUYO,	Air and Water Flow During Ponded Infiltration
ECONOMICS.	MENDOZA (ARGENTIA). INSTITUTO DE	in a Vertical Bounded Column of Soil,
The 200 Miles Fishing Rights Controversy:	BIOLOGIA VEGETAL.	W74-11467 7-22 2G
Ecology or High Tariffs,	Drought Hardening in Onions: II. Analysis of	
W74-03200 7-06 6E	Growth, (In Spanish),	UNIVERSITI SAINS MALAYSIA, PENANG.
	W74-08149 7-15 3F	PUSAT PENGAJIAN SAINS KAJIHAYAT.
UNIVERSIDAD CATOLICA DE CHILE,	CONTRACTOR OF STREET	The Significance of Sump-Ponds in Harvesting
SANTIAGO. DEPARTAMENTO DE	UNIVERSIDAD NACIONAL DE CUYO,	Paddy-Field Fishes in North Krian, Perak.
EDAFOLOGIA.	MENDOZA (ARGENTINA). ESCUELA DE	W74-13039 7-24 8I
Effect of Irrigation Frequency on the Average	ECONOMICA.	
Evapotranspiration for Various Crop-Climate-	Scheduling and Sequencing in Water Resource	UNIVERSITY COLL., LONDON (ENGLAND).
Soil Systems, W74-04140 7-08 3F	Investment Models, W74-00172 7-01 6A	DEPT. OF CIVIL ENGINEERING.
W/4-04140 /-08 3F	W/4-001/2 /-01 6A	The Relationship Between Wave Action and
UNIVERSIDAD CATOLICA DE VALPARAISO	UNIVERSIDAD NACIONAL DE NICARAGUA,	Beach Profile Characteristics,
(CHILE). DEPARTAMENTO DE GEOGRAFIA.	MANAGUA.	W74-04331 7-09 2J
The Fish-Meal Industry of Iquique,	Mississippi River Water from Texas,	Computer Aided Economic Design of Water
W74-06477 7-12 3F	W74-11766 7-22 4A	Distribution System,
7-12 31	722 11	W74-12140 7-23 8B
UNIVERSIDAD CENTRAL DE VENEZUELA,	UNIVERSIDAD NACIONAL DE TUCUMAN	W 74-12140 7-23 6B
CARACAS.	(ARGENTINA).	UNIVERSITY COLL. OF ENGINEERING,
Water Resources Utilization in Developing	Hydric Regime of an Argiudol (In Spanish),	HYDERABAD (INDIA). DEPT. OF CIVIL
Countries,	W74-05324 7-10 2G	ENGINEERING.
W74-00207 7-01 10A		Unsteady Drawdown at a Partially Penetrating
	UNIVERSIDAD NACIONAL DE TUCUMAN	Well in a Transversely Isotropic Artesian
Venezuelan Experience on the Transfer of	(ARGENTINA). FACULTAD DE AGRONOMIA	Aquifer,
Knowledge in Water Resources Engineering,	Y ZOOTECNICA.	W74-02466 7-05 4B
W74-00213 7-01 10A	'Hill-Top Irrigation,' A New System for Early	
THE PROPERTY OF THE PARTY OF TH	Sweetpotato Planting, (In Spanish),	UNIVERSITY COLL. OF NORTH WALES,
UNIVERSIDAD DE LOS ANDES, MERIDA	W74-08136 7-15 3F	BANGOR. MARINE SCIENCE LABS.
(VENEZUELA). FACULTAD DE CIENCIAS.	UNIVERSIDAD NACIONAL DEL LITORAL,	Seasonal Aspects of the Fixation of Benthic
Ecological and Floristic Convergences Between		Epifauna of the Infratittoral Level in the Estua-
Seasonal Plant Formations of Tropical and	SANTA FE (ARGENTINA). LAB. OF	ry of the Saint Lawrence River,
Subtropical South America,	RADIOISOTOPES. Preliminary Results of Studies About the	W74-12521 7-23 2L
W74-00066 7-01 2I	Plankton of the 'Laguna Setubal' (Santa Fe,	UNIVERSITY COLL. OF NORTH WALES,
Ecological Survey of the Venezuelan Western	Argentina), (In Spanish),	BAYER. MARINE SCIENCE LAB.
Llanos: I. The Regional Ecological Units, (In	W74-06238 7-12 2H	Physiology and Ecology of Marine Blue-Green
Spanish),	7-12 211	Algae,
W74 12255 7.24 6C	UNIVERSIDAD NACIONAL DEL SUR. RAHIA	W74 12590 7.22 5C

BLANCA (ARGENTINA).

W74-00667

Algorithm for Solving a Class of Linear Programming Problems Related to Reservoir Management and Design,

Was a Class of Linear Programming Problems Related to Reservoir MENAI BRIDGE. MARINE SCIENCE LABS. Extracellular Products of Algae in Freshwat

W74-07353

7-02 4A

Extracellular Products of Algae in Freshwater,

7-14 5C

W74-13499

Ecological Survey of the Venezuelan Western Llanos: IV. The Western Part of Apure State, (In Spanish),

7-24 4A

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF CIVIL

Ultra-Violet Absorption Characteristics of	UNIVERSITY COLL. OF SWANSEA (WALES).	UNIVERSITY OF NEW ENGLAND, ARMIDALE
Natural Waters, W74-07419 7-14 2K	DEPT. OF GEOGRAPHY. Limestone Springs and Individual Flood	(AUSTRALIA). Urban-Rural Conflicts in Urban Water Supply,
	Events, (With Special Reference to the Gower	W74-11694 7-22 6D
A Threnody Concerning the Biodegradation of Oil in Natural Waters,	Peninsula, Wales), W74-03512 7-07 2F	UNIVERSITY OF NEW ENGLAND, ARMIDALE
W74-08612 7-16 5B		(AUSTRALIA). DEPT. OF GEOGRAPHY.
	UNIVERSITY COLL. OF SWANSEA (WALES). DEPT. OF GEOLOGY AND OCEANOGRAPHY.	Measures of Particle Roundness: A Note, W74-10368 7-20 2J
A Hybrid Automatic Analyser, W74-09622 7-18 5A	An Improved Bottom-Water Sampler,	
W /4-09022	W74-02410 7-05 7B	UNIVERSITY OF NEW ENGLAND, ARMIDALE
An Adapted Determination of Phosphate in	UNIVERSITY COLL. OF SWANSEA (WALES).	(AUSTRALIA). SCHOOL OF NATURAL RESOURCES.
Seawater for Use with the Hybrid Automatic	DEPT. OF ZOOLOGY.	A Method for Analysis of Residential Water
Analyser, W74-09623 7-18 5A	Oil Pollution and Marine Ecology,	Demand and Its Relation to Management,
	W74-11166 7-21 5C	W74-11695 7-22 6B
Studies of the Seasonal Variation of the Suspended Matter of the Menai Straits. II. Mid	UNIVERSITY COLL. OF WALES,	UNIVERSITY OF NEW ZEALAND, ARMIDALE
Stream Data.	ABERYSTWYTH. Determination of Mean Cell Size of	(AUSTRALIA). DEPT. OF ZOOLOGY. Diel Variation in the Thermal Tolerance of Li-
W74-09741 7-18 5B	Tetrahymena in Growing Cultures,	toria gracilenta (Anura: Hylidae),
Fine Structure of Light Attenuation and Its	W74-07586 7-14 5A	W74-04245 7-08 5C
Relation to Temperature in the Irish Sea,	UNIVERSITY COLL. OF WALES,	UNIVERSITY OF SOUTH FLORIDA, ST.
W74-12279 7-23 2K	ABERYSTWYTH. DEPT. OF GEOGRAPHY.	PETERSBURG. DEPT. OF MARINE SCIENCE.
UNIVERSITY COLL. OF NORTH WALES,	Assessment of Coastal Changes with the Aid of	The Seasonal Cycle of Copper Concentration in
MENAL BRIDGE, MARINE SCIENCE LAB.	Photogrammetric and Computer-Aided Techniques,	Busycon canaliculatum L, W74-11384 7-21 5C
Some Observations on the Interactions of	W74-04271 7-08 7B	W /4-11364 /-21 3C
Marine Protozoa and Crude Oil Residues,	UNIVERSITY HOSPITAL, LUND (SWEDEN).	UNIVERSITY OF SOUTH FLORIDA, ST.
W74-11949 7-22 5C	DEPT. OF OCCUPATIONAL MEDICINE.	PETERSBURG. MARINE SCIENCE INST. The Lack of Inorganic Removal of Dissolved
UNIVERSITY COLL. OF SOUTH WALES AND	Methylmercury-Induced Chromosome Damage	Silica During River-Ocean Mixing,
MONMOUTHSHIRE, CARDIFF.	in Man, W74-12503 7-23 5C	W74-12724 7-23 5G
Methane Production from Waste,		UNIVERSITY OF SOUTH FLORIDA, TAMPA.
W74-13452 7-24 5D	UNIVERSITY OF AGRICULTURAL SCIENCES, MANDYA (INDIA). REGIONAL RESEARCH	DEPT. OF CHEMISTRY.
UNIVERSITY COLL. OF SOUTH WALES AND	STATION.	A Note Concerning the Environmental Ac-
MONMOUTHSHIRE, CARDIFF. DEPT. OF	Effect of Flooding and Cropping on the	ceptability of Nitrilotriacetic Acid (NTA): The Effect of NTA on the Growth of Gymnodinium
MECHANICAL ENGINEERING. Inverse Separation of Heat-Treated Sludge.	Changes in the Inorganic Phosphate Fractions in Some Rice Soils.	breve,
W74-11249 7-21 5D	W74-12925 7-24 2G	W74-07775 7-15 5C
Th. F(() . / W . T	UNIVERSITY OF ACRICULTURE COROLLO	UNIVERSITY OF SOUTH FLORIDA, TAMPA.
The Effect of Heat Treatment on the Solu- bilization of Heavy Metals, Solids and Organic	UNIVERSITY OF AGRICULTURE, GODOLLO (HUNGARY). DEPT. OF CROP PRODUCTION	DEPT. OF GEOLOGY.
Matter From Digested Sludge,	AND SOIL CULTIVATION.	Sedimentary Fluorite in Tampa Bay, Florida, W74-08907 7-17 5A
W74-11250 7-21 5D	The Influence of Agrotechnical Factors on the	
UNIVERSITY COLL. OF SOUTH WALES AND	Evapotranspiration of Rice, (In Hungarian), W74-13255 7-24 2D	UNIVERSITY OF SOUTH FLORIDA, TAMPA. DEPT. OF STRUCTURES, MATERIALS,
MONMOUTHSHIRE, CARDIFF. DEPT. OF		FLUIDS.
MICROBIOLOGY.	The Relationship Between Rice Evapotrans- piration and Dry Matter Production, (In Hun-	Two-Dimensional Analysis of Backwater at
The Role of Micro-Organisms in Waste Tip- Lagoon Systems Purifying Coke-Oven Ef-	garian),	Bridges, W74-05734 7-11 2E
fluents,	W74-13257 7-24 2D	W/4-03/34 /-11 ZE
W74-01647 7-03 5D	UNIVERSITY OF EAST ANGLIA, NORWICH	UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES.
The Effect of Phenols and Heterocyclic Bases	(ENGLAND). SCHOOL OF ENVIRONMENTAL	California Coastal Zone Conservation Act, In-
on Nitrification in Activated Sludges,	SCIENCES. Use of the Model T Coulter Counter in Size	terim Permit Control, General,
W74-13235 7-24 5D	Analysis of Fine to Course Sand,	W74-03379 7-07 6F
UNIVERSITY COLL. OF SOUTH WALES AND	W74-00103 7-01 2J	Marine Studies of San Pedro Bay, California.
MONMOUTHSHIRE, CARDIFF. DEPT. OF	Mud in the North Sea,	Part I: Circulation Patterns in Los Angeles-
ZOOLOGY.	W74-03031 7-06 2J	Long Beach Harbor Drogue Study Atlas and
The Structure of an Acid Moorland Pond Com-	Studies on Gull Lake, Michigan: II. Eutrophi-	Data Report, W74-05708 7-11 2L
munity, W74-01508 7-03 5C	cation: Evidence and Prognosis,	
7.03.30	W74-13456 7-24 5C	UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. ALLAN HANCOCK
UNIVERSITY COLL. OF SWANSEA (WALES).	UNIVERSITY OF HATTIESBURG, SOUTHERN	FOUNDATION.
DEPT. OF BOTANY. The Appearance of Nitrate Reductase Activity	MISSIPPI. BUREAU OF BUSINESS RESEARCH.	Some Effects of Turbulence and Light on Com-
in Nitrogen-Starved Cells of Ankistrodesmus	Cost of Developing Ground Water in the Pat Harrison Waterway District, Mississippi,	petition Between Two Species of Phytoplank- ton,
Braunii,	W74-10530 7-20 4B	W74-13331 7-24 5C
W74-02929 7-06 5C	UNIVERSITY OF MANCHESTER INST. OF	UNIVERSITY OF SOUTHERN CALIFORNIA,
UNIVERSITY COLL. OF SWANSEA (WALES).	SCIENCE AND TECHNOLOGY (ENGLAND).	LOS ANGELES. DEPT. OF CIVIL
DEPT. OF CIVIL ENGINEERING.	DEPT. OF PHYSICS.	ENGINEERING.
A Finite Element Approach to Watershed Ru- noff.	The Role of Electrical Forces in the Develop- ment and Dissipation of Clouds and Fogs,	Discharge and Travel Time for Ground-Water Conduits,
W74-10937 7-21 2A	W74-13199 7-24 3B	W74-08383 7-16 8B

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF

UNIVERSITY (F SOUTHERN	CALIFORNIA,
LOS ANGELES	DEPT. OF GE	COLOGICAL
SCIENCES.		

Distribution and Transport of Suspended Particulate Matter in Hueneme, Redondo, Newport, and La Jolla Submarine Canyons, California.

W74-01954 7-04 2L

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF GEOLOGY.

Energy Measurements in the Swash-Surf Zone, W74-02702 7-06 2E

The Effects of Water Table and Tide Cycle on Swash-Backwash Sediment Distribution and Beach Profile Development, W74-02716 7-06 2J

Dynamic Characteristics of West Florida Gulf Coast Beaches, W74-03437 7-07 2J

W74-03437 7-07

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF PETROLEUM ENGINEERING.

Effect of Compaction on Chemistry of Solutions Expelled from Montomorillonite Clay Saturated in Sea Water, W74-00102 7-01 2J

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. ENVIRONMENTAL ENGINEERING PROGRAM.

Adsorption of Hg(II) by Hydrous Manganese Oxides,
W74-05491 7-11 5A

Solvent Extraction of Sulfur From Marine Sediment and Its Determination by Gas Chromatography.

matography. W74-07565 7-14 5.

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. ENVIRONMENTAL GEOLOGY PROGRAM.

Microbial Decomposition Patterns Using Crude Oil, W74-08617 7-16 5B

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. OCEAN ENGINEERING PROGRAM.

Marina Del Rey: Computer Simulation of Pollutant Transport in Semi-Enclosed Water Body, W74-05698 7-11 5B

UNIVERSITY OF SOUTHERN MISSISSIPPI, HATTIEBURG.

Reconnaissance of the Flushing Characteristics and Water Quality in Coastal Canals of the Gulf of Mexico,
W74-10531 7-20 5B

UNIVERSITY OF SOUTHERN MISSISSIPPI, HATTIESBURG.

Remote Sensing Study of Land Use and Sedimentation in the Ross Barnett Reservoir, Jackson, Mississippi, Area,
W74-11963
7-22 4A

UNIVERSITY OF SOUTHERN MISSISSIPPI, HATTIESBURG, DEPT. OF ECONOMICS.

A Treatise on Centralized Management of Water Resources, W74-05030 7-10 6F.

The Water Resources Council's Proposed Principles and Standards--An Economic Comment, W74-12794 7-24 6C

UNIVERSITY OF SOUTHWESTERN LOUISIANA, LAFAYETTE. DEPT. OF BIOLOGY.

A Trawl Study of Nearshore Fishes and Invertebrates of the Georgia Coast, W74-13475 7-24 2L

UNIVERSITY OF SOUTHWESTERN LOUISIANA, LAFAYETTE. DEPT. OF STATISTICS.

Alternative Futures Using the Wollman-Bonem Models, W74-03888 7-08 6A

UNIVERSITY OF STRATHCLYDE, GLASGOW (SCOTLAND). DEPT. OF APPLIED MICROBIOLOGY.

An Introduction to the Phytoplankton, Primary Production and Relevant Hydrography of Loch Etive, W74-02991 7-06 5C

Psychrophilic Yeasts Isolated From Marine Fish, W74-07563 7-14 5A

UNIVERSITY OF STRATHCLYDE, GLASGOW (SCOTLAND). DEPT. OF FOOD SCIENCE.

Metaperiodate - A New Structure-Specific Locating Reagent for Phenolic Compounds, W74-05439 7-11 5A

UNIVERSITY OF THE PACIFIC, DILLON BEACH, CALIF. PACIFIC MARINE STATION.

Long Term Changes in Marine Ecosystem: Ecological Relationships Between Tomales Bay and Adjacent Shelf Waters, W74-00038 7-01 2L

UNIVERSITY OF THE PANJAB, LAHORE (PAKISTAN), DEPT. OF BOTANY.

Effects of Flooding and Draining and Their Alternation on the Growth and Uptake of Nutrients by Rice (Oryza Sativa L., Indica Var. IR-8),
W74-04826 7-09 3F

UNIVERSITY OF THE PANJAB, LAHORE (PAKISTAN). DEPT. OF ZOOLOGY.

Effect of DDT on Temperature Selection of Some Salmonids, W74-06394 7-12 5C

UNIVERSITY OF THE SOUTH PACIFIC, SUVA

The Effect of Microbial Activity Upon the Sedimentary Sulphur Cycle,
W74-01239 7-03 5B

UNIVERSITY OF THE WEST INDIES, ST. AUGUSTINE (TRINIDAD). COCOA RESEARCH UNIT.

The Micro-Meteorology of an Extended Area of Tea Before and After Rain, W74-07354 7-14 3F

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG (SOUTH AFRICA). DEPT. OF BOTANY.

The Ecology of the Diatoms of the Klip River, Southern Transvaal, W74-01313 7-03 5C

Algal Ecology of a Stream Polluted Through Gold Mining on the Witwatersrand, W74-11710 7-22 5C

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG (SOUTH AFRICA). HYDROLOGICAL RESEARCH UNIT.

A Modified Horton Equation for Infiltration During Intermittent Rainfall, W74-11907 7-22 2G

UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG, (SOUTH AFRICA). NUCLEAR PHYSICS RESEARCH UNIT.

Radiocarbon and Tritium Evidence for Direct Rain Recharge to Ground Waters in the Northern Kalahari, W74-10250 7-19 2F

UNIVERSITY OF WALES INST. OF SCIENCE AND TECH., CARDIFF.

Factors Which Influence the Enumeration of Bdellovibrio Bacteriovorus in Sewage and River Water, W74-00624 7-02 5A

A Medium for Counting Aquatic Heterotrophic Bacteria in Polluted and Unpolluted Waters, W74-00663 7-02 5B

UNIVERSITY OF WALES INST. OF SCIENCE AND TECH., CARDIFF. DEPT. OF APPLIED BIOLOGY.

The Fish Populations of an Industrial River in South Wales,

UNIVERSITY OF WALES INST. OF SCIENCE AND TECH., CARDIFF. DEPT. OF CIVIL ENGINEERING AND BUILDING TECHNOLOGY.

Finite Element Analysis of Three-Dimensional Groundwater Flow Problems, W74-12984 7-24 2F

UNIVERSITY OF WESTERN ONTARIO, LONDON. DEPT. OF GEOGRAPHY.

A Derivation of the Hydraulic Geometry of Steady-State Channels from Conservation Principles and Sediment Transport Laws, W74-07633 7-15 2J

UNIVERSITY OF WESTERN ONTARIO, LONDON, DEPT. OF GEOLOGY.

International Management of the Rio Grande Basin - The United States and Mexico, W74-05664 7-11 4A

UNIVERSITY OF WESTERN ONTARIO., LONDON. FACULTY OF ENGINEERING SCIENCE.

Some Nutritional Characteristics of Spirulina maxima Algae Grown in Effluents from Biological Treatment Plant, W74-11872 7-22 5C

UNIVERZITA PAVALA JOZEFA SAFARIKA, KOSICE (CZECHOSLOVAKIA). FACULTY OF NATURAL SCIENCE.

Problems of Radioecology in Connection with the Development of Nuclear Power, W74-11958 7-22 5B

UNVERSITY OF THE WITWATERSRAND, JOHANNESBURG (SOUTH AFRICA).

A Waterborne Actinomycete Resembling
Strains Causing Mycetoma,
W74-01256 7-03 5B

UPPER MISSISSIPPI RIVER BASIN COMMISSION, TWIN CITIES, MINN.

Levels of Assessment, W74-04035 7-08 6B

UPPSALA UNIV. (SWEDEN). INST. OF PLANT

UPPER TAME MAIN DRAINAGE AUTHORITY,

PHYSIOLOGICAL BOTANY.

W74-11346

Simple Phenolic Compounds,

Growth Stimulation of Axenic Red Algae By

7-21 5C

UTAH STATE UNIV., LOGAN. COLL. OF NATURAL RESOURCES.

USTAV PRO VYZKUM A VYUZITI PALIV,

UPPER TAME MAIN DRAINAGE A	UIHUKIII,	ECOLOGY.	BECHOVICE (CZECHOSI OVAKIA)
BIRMINGHAM (ENGLAND).	veis of Water	Studies on South American Fresh-Water Plank	BECHOVICE (CZECHOSLOVAKIA). Chromatographic Determination of Dihydric
Printout Colorimeter for Autoanal	ysis of water	ton. Notes on the Plankton from Tierra De	
Pollution, W74-02374	7-05 5A	Fuego and Valdivia,	dvojmocnych fenolu v odpadnich vodach
W 14-02314	1-03 JA	W74-12557 7-23 50	pomoci chromatografie),
Respiration and Denitrification	Studies on		W74-06396 7-12 5A
Laboratory and Works Activated		UPPSALA UNIV. (SWEDEN). INST. OF	
W74-10475	7-20 5D	ZOOLOGY.	USTREDNI USTAV GEOLOGICKY, BRNO
		Bottom Fauna as an Indicator of Water Qualit in Sweden's Large Lakes (Lakes Malaren, Va	(CZECHOSEA VARIA).
The Determination of Vegetable		tern and Vanern),	Determination of the Artenanical Companionity
Oils in the Effluents and Sewage S	Sludges of the	W74-01531 7-03 5	of Porous Rocks with Waste Water in its Sub- surface Disposal,
Upper Tame Basin,			W74.02165 7.05 SD
W74-10818	7-20 5A	Rotifer Plankton in Brackish and Freshwate	r #74-02103
UPPSALA UNIV. (SWEDEN).		Localities in Central Sweden,	USTREDNI USTAV GEOLOGICKY, BRNO
Effect of Water Level Fluctuat	tion on Lake	W74-04041 7-08 5	(CZECHOSLOVAKIA).
Vegetation,	non on Lake	Benthic Fauna and Zooplankton in Some Po	Problem of The Origin of Hydrogen Sulfide in
W74-10801	7-20 5C	luted Swedish Estuaries,	Natural Waters (K probleme genezisa
W 74-10001	7-20 SC	W74-06043 7-12 5	serovodoroda prirodnykh vod),
UPPSALA UNIV. (SWEDEN). DEPT	. OF		W74-10381 7-20 5B
ANALYTICAL CHEMISTRY.		UPPSALA UNIV., (SWEDEN). INST. OF	UTAH CENTER FOR WATER RESOURCES
Ion Pair Partition Chromatograph	hy of Organic	ZOOPHYSIOLOGY.	
Ammonium Compounds,	,	The Oxygen Consumption of Mayf	
W74-01496	7-03 5A	(Ephemeroptera) and Stonefly (Plecoptera	Their Influence on the Planning, Developing,
		Larvae at Different Oxygen Concentration,	
A Liquid Ion-Exchange Nitrate-S	elective Elec-	W74-06019 7-12 5	W74-04316 7-09 6E
trode Based on Carbon Paste,		URAL SCIENCE CENTER, SVERDLOVSK	7-07-01
W74-03884	7-08 5A	(USSR). INST. OF PLANT AND ANIMAL	Social, Economic, Environmental, and Techni-
		ECOLOGY.	cal Factors Influencing Water Reuse,
Consecutive Titration of Calcium	and Magnesi-	Effect of Climatic and Phytocenotic Factors of	n W74-04317 7-09 5D
um in Ethanol-Water Mixture,		Annual Increment of Trees in Stands, (In Ru	3-
W74-11721	7-22 2K	sian),	Computer Simulation of the Hydrologic and
PIRROLL A VINITE (CHIEFFEE) PARAMETER		W74-08127 7-15	
UPPSALA UNIV. (SWEDEN). DEPT	. OF	URBAN INST., WASHINGTON, D.C.	Basin, W74-04860 7-10 5B
HISTORICAL GEOLOGY AND		Recent Adjustments in Water Use and Trea	
PALEONTOLOGY.	andline Almal	ment by U.S. Manufacturers,	Intermittent Sand Filtration to Upgrade Exist-
Carbonate Cementation in Co	-	W74-06395 7-12 5	
Nodules in the Skagerrak,		W 14-00373	W74-06506 7-13 5D
Biochemical Precipitation in U	ndersaturated	URBAN LAND INST., WASHINGTON, D.C.	
Waters,	7 12 21	Utilities and Facilities for New Residenti	at UTAH STATE DIV. OF HEALTH, SALT LAKE
W74-06294	7-12 2J	Development: A Survey of Municipal Policy,	CITY.
UPPSALA UNIV. (SWEDEN). DEPT	OF	W74-07071 7-14 5	D Utah's Ground Water Quality Information
METEOROLOGY.		UBC CODD BUDLINGAME CALLE	System,
Residence Time of Sulfurous	Air Pollutants	URS CORP., BURLINGAME, CALIF. Wave Runup, Mono Lake Tests, 1965: A Sun	W74-00577 7-02 7C
from a Local Source During Preci		mary of Theoretical Prediction Methods ar	
W74-08690	7-16 5A	Some Comparisons with Experimental Data,	Trickle Irrigation Soil Water Potential as In-
11 74-00020	7-10 JA	W74-03113 7-06 2	H fluenced by Management of Highly Saline
UPPSALA UNIV. (SWEDEN). DEPT	r. OF		Water,
PHYSICAL GEOGRAPHY.		Calculation of a Solitary Wave Shoaling on	a W74-10292 7-19 3C
Some Viewpoints on the Interna	al Drainage of	Shallow Slope,	
Glaciers,		W74-03115 7-06 8	B An Evaluation of Farm Irrigation Practices as a
W74-09333	7-18 2C	URS FORREST AND COTTON, INC., DALLAS	Means to Control the Water Quality of Return
		TEXAS.	riow,
UPPSALA UNIV. (SWEDEN). DEPT	r. OF	Plant Expanded for Advanced Waste Trea	t- W74-11681 7-22 3C
QUATERNARY GEOLOGY.		ment,	
A New Method for the Estimation	on of Absolute	W74-08223 7-16 5	D WATER RESOURCES RESEARCH.
Microfossil Numbers, with Rel	ference Espe-		Evaluating Water Reuse Alternatives in Water
cially to Diatoms,		URS RESEARCH CO., SAN MATEO, CALIF.	Descuree Diamine
W74-03285	7-07 5A	Toxic Materials Analysis of Street Surface	W74-08940 7-17 5D
The Mercury Content of Sedime	nte from Two	Contaminants,	
•	mes from 1 wo	W74-00306 7-01 5	B Component Description of Sediment-Water
Lakes in Dalarna, Sweden,	7.24 27	Development of a Floating Oil Slick Detector.	Microcosms,
W74-13040	7-24 2J	W74-13171 7-24 5	
UPPSALA UNIV. (SWEDEN). INST	FOR PLANT		
ECOLOGY.		URS RESEARCH CO., SAN MATEO, CALIF.	UTAH STATE UNIV., LOGAN. COLL. OF
Lake Vattern. Outlines of Its Na	atural History	ENVIRONMENTAL SYSTEMS DIV.	ENGINEERING.
Especially Its Vegetation,	,	Water Pollution Aspects of Street Surface Co	
W74-12671	7-23 5C	taminants,	Use of Radio Waves, R W74-03772 7-08 2C
	. 25 50	W74-07418 7-14 5	B W74-03772 7-08 2C
UPPSALA UNIV. (SWEDEN). INST	. OF	USTAV HYGIENY, BRATISLAVA	UTAH STATE UNIV., LOGAN. COLL. OF

(CZECHOSLOVAKIA).

W74-11077

The Use of an Electron Capture Detector for

7-21 5A

the Determination of Pesticides in Water,

NATURAL RESOURCES.

Juniper Sites in Utah,

W74-06459

Soil Moisture Patterns on Two Chained Pinyon-

UTAH STATE UNIV., LOGAN. COLL. OF NATURAL RESOURCES.

Runoff and Sediment Yields from Ru	noff Plots	UTAH UNIV., SALT LAKE CITY. COLL. OF	Model for Estimating Soil Water, Plant, and
on Chained Pinyon-Juniper Sites in U W74-06460	tah, 7-12 2J	Law. Legal Bibliography: A Critical Overview,	Atmospheric Interrelations: II. Field Test of Model,
	O.P.	W74-03050 7-06 10C	W74-08085 7-15 2G
UTAH STATE UNIV., LOGAN. DEPT. AGRICULTURAL AND IRRIGATION ENGINEERING.	OF	Municipal Water Preference Statutes: The Texas Wagstaff Act,	Analysis of Water Reuse Alternatives in an In- tegrated Urban and Agricultural Area,
Bibliography of Water Management.		W74-08546 7-16 6E	W74-08510 7-16 5D
W74-06854	7-13 3F	UTAH UNIV., SALT LAKE CITY. DEPT. OF	Comprehensive Management of Phosphorus
Drainage Observations in Latin Amer W74-08268	7-16 4A	Water Stress in Krummholz, Wasatch Moun-	Water Pollution, W74-08826 7-17 5C
UTAH STATE UNIV., LOGAN, DEPT.	OF CIVII	tains, Utah,	Temperature-Toxicity Model for Oil Refinery
AND ENVIRONMENTAL ENGINEERI		W74-13036 7-24 2I	Waste,
The Concept of Carrying Capacity, W74-12469	7-23 6B	UTAH UNIV., SALT LAKE CITY. DEPT. OF BOTANY.	
UTAH STATE UNIV., LOGAN. DEPT.	OF CIVIL	Water Quality Requirements of Aquatic In- sects,	Effects of Intracellular Nutrient Pools on Growth Dynamics of Phytoplankton,
ENGINEERING.		W74-04551 7-09 5C	W74-13302 7-24 5C
Municipal Water PlanningMixed I	nteger Ap-		UTRECHT RIJKSUNIVERSITEIT
proach, W74-02223	7-05 3D	UTAH UNIV., SALT LAKE CITY. DEPT. OF GEOLOGICAL AND GEOPHYSICAL SCIENCES.	(NETHERLANDS). INST. OF VETERINARY PHARMACOLOGY AND BIOLOGICAL
UTAH STATE UNIV., LOGAN. DEPT. ECONOMICS.	OF	Geology of Utah and Nevada by ERTS-1	TOXICOLOGY. A Preliminary Survey of the Possible Con-
Preliminary Indicators of Inco		Imagery, W74-01692 7-04 7C	tamination of Lake Nakuru in Kenya with
Redistribution Associated with I Reclamation Projects,	Bureau of	CONTRACTOR OF THE OPEN OF	Some Metals and Chlorinated Hydrocarbon
W74-03771	7-08 6B	UTAH UNIV., SALT LAKE CITY. DEPT. OF ZOOLOGY.	Pesticides, W74-04547 7-09 5C
UTAH STATE UNIV., LOGAN. DEPT.	OF SOIL	Use of Aquatic Invertebrates in the Assess- ment of Water Quality,	UTRECHT RIJKSUNIVERSITEIT
SCIENCE AND BIOMETEOROLOGY. Kinetics of the Phosphate Intera		W74-12181 7-23 5A	(NETHERLANDS). MICROBIOLOGY LAB.
Calcite,	cuon wim	UTAH WATER RESEARCH LAB., LOGAN.	Sixteen Years of Water Fluoridation in the Netherlands and Its Influence on Dental
W74-06895	7-13 5B	Research Implementation, A Coordinated Ap-	Decay,
UTAH STATE UNIV., LOGAN. DEPT.	OF SOILS	proach, W74-00191 7-01 10A	W74-02229 7-05 5F
AND BIOMETEOROLOGY. Test of a New Model for the Kine	tion of Ad-		UTTAR PRADESH AGRICULTURAL UNIV.,
sorption-Desorption Processes, W74-10742	7-20 5G	A Mathematical Model of the Nutrient Dynamics of Phytoplankton in a Nitrate-Limited En-	PANTNAGAR (INDIA). DEPT. OF AGRICULTURAL ENGINEERING. Shape Factors in Irrigation Water Advance
		vironment, W74-00720 7-02 5C	Equation,
UTAH STATE UNIV., LOGAN. DEPT. WILDLIFE SCIENCE.	OF	Optimal Allocation of Water Resources in	W74-05681 7-11 3F
Early Life History and Feeding	of Young	Utah,	UTTAR PRADESH INST. OF AGRICULTURAL
Mountain Whitefish, W74-08832	7-17 5C	W74-02117 7-04 4A	SCIENCES, KANPUR (INDIA). DIV. OF SOILS
		Water Resources Policy Issues Related to	AND AGRICULTURAL CHEMISTRY. Correlations Between P, Fe and Mn Availabili-
UTAH STATE UNIV., LOGAN. INST. SOCIAL SCIENCE RESEARCH ON N		Agriculture,	ty in Water-Logged Soil at Different Fertility
RESOURCES.	NI CANE	W74-03182 7-06 6B	Levels, W74-08134 7-15 2G
Modeling the Total Hydrologic-Socie	ologic Flow	Detergent and Non-Detergent Phosphorus in	W 74-06134 7-13 2G
System of Urban Areas, W74-10351	7-20 4C	Sewage, W74-03606 7-07 5B	UTTAR PRADESH IRRIGATION DEPT., LUCKNOW (INDIA).
Social Dimensions of Urban Flo	od Control	Biological Response to Detergent and Nonde-	Designing for Future Expansion-Development
Decisions, W74-12369	7-23 6F	tergent Phosphorus in Sewage - Part I, W74-04901 7-10 5C	of Ground Water in India, W74-03151 7-06 4B
UTAH STATE UNIV., LOGAN.			UZBEKSKII NAUCHNO-ISSLEDOVATELSKII
INTERNATIONAL PROGRAMS AND Knowledge Transfer,	STUDIES.	Interregional Planning of Water Resources Allocations by Systems Analysis Approach, W74-05932 7-11 4A	INSTITUT SANITARII, GIGIENY I PROFZABOLEVANII, TASHKENT (USSR).
W74-00210	7-01 10A		Hygienic Efficiency of Measures for Protecting Surface Waters in Uzbek SSR, (In Russian),
UTAH STATE UNIV., LOGAN. WATI	ERSHED	Modeling the Eutrophication Process. W74-06560 7-13 5C	W74-04838 7-09 5F
SCIENCE UNIT.			UZBESKSII NAUCHNO-ISSLEDOVATELSKII
Loss of Particulate Organic Mat Semiarid Watersheds as a Result Hydrologic Events.		Activity Analysis and the Management of Resources: A Model for Control of Eutrophica- tion,	INSTITUT SANITARII, GIGIENY I PROFZABOLEVANII, TASHKENT (USSR).
W74-00378	7-01 2A	W74-06574 7-13 5C	Sanitary-Virological Characterization of
Intensive Infiltrometer Studies on	A Plowed	Biological Response to Detergent and Nonde-	Sewage Waters from Some Urban Sewage Systems in the Uzbek SSR, (In Russian),
Big Sagebrush Site, W74-07166	7-14 2G	tergent Phosphorus in Sewage - Part II, W74-06873 7-13 5C	W74-13241 7-24 5A
	7-14 20		V.S. SANATAN DHARMA COLL., KANPUR
UTAH UNIV., OGDEN. Accumulation of DDT by Aquatic In	dicator Or-	Model for Estimating Soil Water, Plant, and Atmospheric Interrelations: I. Description and	(INDIA). DEPT. OF CHEMISTRY. Microdetection of Nitrate with Malachite
ganisms, W74-08716	7-17 5C	Sensitivity, W74-08084 7-15 2G	Green or Congo Red, W74-00273 7-01 2K

VILLANOVA UNIV., PA. DEPT. OF CHEMISTRY.

VALCANI INST. OF AGRICULTURAL	Chloride Brine (Potassium Extraction Liquor)	VICTORIA UNIV. (BRITISH COLUMBIA).
RESEARCH, BET-DAGAN (ISREAL). DEPT. OF	(Erfahrungen bei der chemischen Vorreinigung	DEPT. OF BACTERIOLOGY AND
SOIL AND WATER.	von Sulfatzellstoffabwasser mit Magnesi-	BIOCHEMISTRY.
Rate and Mechanism of Na-Montmorillonite	umchloridsole (Kaliendlauge),	An Initial Evaluation of Ethylene Oxide for the
Hydrolysis in Suspensions,	W74-05283 7-10 5D	Sterilization of Formulated and Pelleted Fish
W74-00606 7-02 2K	VERMONT DEPT. OF WATER RESOURCES,	Feeds, W74-09723 7-18 21
VALMET OY, JYASKYLA (FINLAND).	MONTPELIER. AGENCY OF	W /4-09/23 /-18 21
Analyses of Paper Machine Waters with Ion-	ENVIRONMENTAL CONSERVATION.	VICTORIA UNIV. (BRITISH COLUMBIA).
Specific Electrodes. Part I. Effect of pH and	Granite Industry Wastewater Treatment,	DEPT. OF GEOGRAPHY.
Ionic Strength of Solution on Calcium, Cupric,	W74-11790 7-22 5D	The Role of Dew in the Seasonal Moisture
Chloride, Sodium, and Nitrate Ion Specific	VERMONT UNIV., BURLINGTON.	Balance of a Summer-Dry Climate,
Electrodes,	Environmental Study of ERTS-1 Imagery:	W74-07037 7-13 2B
W74-11093 7-21 5A	Lake Champlain and Vermont,	VICTORIA WATER COMMISSION
Analyses of Paper Machine Waters with Ion-	W74-02581 7-05 7B	(AUSTRALIA).
Specific Electrodes, Part II. Calcium, Cupric,	Coxsackievirus B Epidemic at a Boys' Summer	Some Aspects of Urban Water Supply in Vic-
Chloride, Sodium and Nitrate Ion Specific	Camp: Isolation of Virus from Swimming	toria,
Electrode Potentials at Various Temperatures	Water,	W74-11687 7-22 6C
and in Composite Solutions,	W74-12698 7-23 5A	VICTORIAN DEPT. OF AGRICULTURE,
W74-11094 7-21 5A		TATURA (AUSTRALIA). HORTICULTURE
VANDERBILT UNIV., NASHVILLE, TENN.	VERMONT UNIV., BURLINGTON. DEPT. OF	RESEARCH STATION.
Some Effects of Wastes on Natural Waters,	GEOGRAPHY. Survey of Lake Flooding from ERTS-1: Lake	Pattern of New Root Production in Peach Trees
W74-03793 7-08 5B	Champlain.	under Irrigation,
NAMED BOTH TO PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON A	W74-09231 7-17 2H	W74-02124 7-04 3F
VANDERBILT UNIV., NASHVILLE, TENN. DEPT. OF ENVIRONMENTAL AND WATER		
RESOURCES ENGINEERING.	Ice Development on Lake Champlain,	VIENNA UNIV. (AUSTRIA).
Mercury: Environmental Considerations, Part	W74-11772 7-22 2H	Contribution to the Limnology of High Moun-
I,	VERMONT UNIV., BURLINGTON. DEPT. OF	tain Lakes in Central America, (In German), W74-02107 7-04 2H
W74-00292 7-01 5C	PLANT AND SOIL SCIENCE.	W/4-0210/
	Fate of Nitrate from Manure and Inorganic	VIENNA UNIV. (AUSTRIA). ANALSCHES
Negatively Buoyant Jets in a Cross Flow, W74-10200 7-19 5B	Nitrogen in A Clay Soil Cropped to Continuous	INSTITUT.
W74-10200 7-19 5B	Corn,	Determination of Uranium in Natural Waters
Interaction of Engineers and Biologists in	W74-08321 7-16 5B	After Anion-Exchange Separation,
Water Quality Management,	VERMONT UNIV., BURLINGTON. DEPT. OF	W74-13416 7-24 5A
W74-12175 7-23 5G	ZOOLOGY.	VIENNA UNIV. (AUSTRIA). ANALYTISCHES
VANDERBILT UNIVERSITY, NASHVILLE,	Materials Input of Lake Champlain: A Synoptic	INSTITUT.
TENNESSEE.	Appraisal,	Anionic Exchange Separations of the Elements
Maternal-Fetal Transfer of Organic and Inor-	W74-06882 7-13 2H	that can be Extracted with Tributyl Phosphate.
ganic Mercury Via Placenta and Milk,	VERMONT UNIV., BURLINGTON. REMOTE	II, (Anionenaustauschtrennungen der mit
W74-12495 7-23 5B	SENSING LAB.	Tributylphosphat extrahierbaren Elemente. II),
WARTAN APROCEASING WATER CREEK	Pollution Monitoring in Lake Champlain Using	W74-02432 3- 141-17-05 2K
VARIAN AEROGRAPHY, WALNUT CREEK, CALIF.	ERTS-1 Imagery,	Determination of Small Amounts of Uranium
Automated Gas Chromatographic Analysis of	W74-08009 7-15 5A	After Concentrating Through Extraction and
Sulfur Pollutants,	Application of ERTS-1 Imagery in the Ver-	Anionic Exchange in a Solvent Agent System
W74-12690 7-23 5A	mont-New York Dispute Over Pollution of	Containing Tri-N-Octylphosphine Oxide.
	Lake Champlain,	(Bestimmung geringer Uranmengen nach Kon-
VATTENBYGGNADSBYRAN LTD.,	W74-09585 7-18 5B	zentrierun g durch Extraktion und
STOCKHOLM (SWEDEN). Buoyancy Spread of Waste Water in Coastal	VETERANS ADMINISTRATION HOSPITAL,	Anionenaustausch in einem tri-n-oc-
Regions,	BIRMINGHAM, ALA. TRACE METALS LAB.	tylphoshinoxidhaltigen Losungsmittelsystem), W74-02434 7-05 5A
W74-04630 7-09 5B	'Normal' Lead and Cadium Content of the	W 74-02434 7-03 3A
	Human Kidney,	VIENNA UNIV. (AUSTRIA). INSTITUT FUER
Swedish Techniques to Combat Pollution,	W74-12517 7-23 5C	ANORGANISCHE CHEMIE.
W74-08353 7-16 5D	VETERANS ADMINISTRATION HOSPITAL,	Model Studies on Reactions Occurring in Ox-
Some Investigations Concerning UPVC Water	OMAHA, NEBR.	idations of Lignin with Molecular Oxygen in
and Sewer Pipes and Fittings,	Determination of Copper and Zinc in Biological	Alkaline Media,
W74-13313 7-24 8A	Material,	W74-08359 7-16 5B
VANTRIOI OCICE A INCTITUTIONEN	W74-07712 7-15 5A	VIENNA UNIV. (AUSTRIA). LIMNOLOGISCHE
VAXTBIOLOGISKA INSTITUTIONEN, UPPSALA (SWEDEN).	VETERANS ADMINISTRATION HOSPITAL-	LEHRKANZEL.
Algae from Lakes in Northern Colorado.	WADSWORTH, LOS ANGELES, CALIF.	The Distribution of the Submerged
W74-12666 7-23 5C	RESEARCH AND MEDICAL SERVICE.	Macrophytes in the Reedless Zone of the
	Fatty Acid Composition of L-Forms of	Neusiedler Lake, (In German),
Diatoms in the Lake Vegetation of the Langan	Streptococcus Faecalis Cultured at Different	W74-12150 7-23 2H
Drainage Area, Jamtland, Sweden (Diatomeernailangans sjovegetation).	Osmolalities,	VIKERS LTD., MELBOURNE, (AUSTRALIA).
W74-12670 7-23 5C	W74-00622 7-02 5A	Testing Liquid Samples.
	Defects in Prodigiosin Formation by L-Forms	W74-10032 7-19 7B
Notes on Algal Vegetation of Lake Kariba,	of Serratia Marcescens,	WILL LEGILL BY DESCRIPTION
W74-12673 7-23 5C	W74-06099 7-12 5A	VILLANOVA UNIV., PA. DEPT. OF
VEB ZELLSTOFF- UND PAPIERKOMBINAT	VEXILAR, INC., MINNEAPOLIS, MINN.	CHEMISTRY. New Ultraviolet Ratio Spectrophotometric
TREBSEN (EAST GERMANY).	(ASSIGNEE).	System for the Determination of Trace
Experiences with Chemical Pre-Purification of	Circuit for Water Depth Meter,	Amounts of Phenolic Compounds,
Kraft Mill Waste Water with Magnesium	W74-03666 7-07 7B	

VIRGIN ISLANDS DEPT OF CONSERVATION AND CULTURAL

VIRGIN ISLANDS DEFT. OF CONSERVATION AND	COLIONAL	
VIRGIN ISLANDS DEPT. OF CONSERVATION AND CULTURAL AFFAIRS, CHARLOTTE AMALIE, ST. THOMAS.	Internal Geometry and Origin of Vegetated Coastal Sand Dunes, W74-04061 7-08 2J	VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF AGRONOMY.
Effect of Light on Vulnerability of Heat-		Effect of Detergent Application on the Growth
Stressed Sockeye Salmon to Predation by Coho Salmon.	The Design of the Monitoring System for the Thermal Effect Study of the Surry Nuclear	of corn, W74-01057 7-02 3C
W74-04671 7-09 5C	Power Plant on the James River, W74-04246 7-08 5B	The Simultaneous Effect of pH and Chloride
VIRGINIA CHEMICALS, INC., PORTSMOUTH,	W. t O lite Madala and America Francisco	Concentrations Upon Mercury (II) as a Pollu-
VA.	Water Quality Models and Aquatic Ecosystems	tant, W74-03782 7-08 5B
Zinc/Phosphate Combinations Control Corro-	W74-05393 7-10 5B	W74-03782 7-08 5B
sion in Potable Water Distribution Systems, W74-07894 7-15 8G		Effect of Detergent-Laden Water on the
W 14-01094	Effectiveness of Sequential Photography for	Growth of Corn,
VIRGINIA COMMONWEALTH UNIV.,	Coastal Oceanography, W74-05711 7-11 2L	W74-09256 7-18 3C
RICHMOND.	W/4-03/11	VIRGINIA POLYTECHNIC INST. AND STATE
Some Ecological Considerations in Locating a	Surface Observations, Ground Truth and Data,	UNIV., BLACKSBURG. DEPT. OF BIOLOGY.
Nuclear-Powered Electrical Generating Facility on the North Anna River, Virginia,	NASA-USGS Mission 144, Chesapeake Bay	Bacterial Flagellar Uncoordination as a Moni-
W74-05212 7-10 5C	Region, Sept. 22-30, 1970, W74-06300 7-12 5A	tor for Industrial Pollutants, W74-00438 7-01 5B
VIDCINIA COMMONWEALTH UNIV		W 74-00456
VIRGINIA COMMONWEALTH UNIV., RICHMOND. DEPT. OF BIOLOGY.	Biodeposition as a Factor in Sedimentation of	Two New Chytrids from the Appalachian
Nutrient Factors Limiting Primary Productivity	Fine Suspended Solids in Estuaries, W74-07231 7-14 2L	Highlands,
in Simulated and Field Antarctic		W74-01305 7-03 5A
Microecosystems,	Effect of Increasing Depth on Salinity in the	Rotenone Methods in a Large River System,
W74-00069 7-01 5C	James River Estuary, W74-07250 7-14 2L	W74-02736 7-06 8I
Evaluation of the Response of Dugesia Tigrina	W/4-0/250 /-14 2L	Preliminary Report on Simulated Passage Ef-
to Aflatoxin B1,	Function of Marshes in Reducing Eutrophica-	fect of Potential Colonizing Protozoans
W74-01404 7-03 5C	tion of Estuaries of the Middle Atlantic Region,	Through Condenser of a Steam Electric Power
Effects of Sedimentation of the Algal Flora of	W74-07336 7-14 5C	Generating Plant Upon Downstream Protozoan
a Small Recreational Impoundment.	Investigation of Surface Films - Chesapeake	Community Development, W74-02930 7-06 5C
W74-05486 7-11 5C	Bay Entrance,	W 74-02930 7-06 3C
WIRCHMA ELECTRIC AND BOWER CO	W74-08831 7-17 5A	Hybridization Between the Darters Percina
VIRGINIA ELECTRIC AND POWER CO., RICHMOND.	Development of the Turbidity Maximum in a	crassa roanoka and Percina oxyrhyncha
Biological and Chemical Study of Virginia's	Coastal Plain Estuary,	(Percidae, Etheostomatini), with Comments on the Distribution of Percina crassa roanoka in
Estuaries,	W74-09587 7-18 2L	New River,
W74-02052 7-04 5B	Shelf Sediments Off Chesapeake Bay: 1.	W74-04472 7-09 2E
VIRGINIA HIGHWAY RESEARCH COUNCIL,	General Lithology and Composition, W74-10678 7-20 2L	Investigations of Freshwater Surface
CHARLOTTESVILLE.	W/4-100/6	Microlayers,
Feasibility of Water Reuse at Highway Rest	Acute Toxicity of Unbleached Kraft Mill Ef-	W74-05410 7-11 5A
Stations, W74-11134 7-21 5D	fluent (UKME) to the Opossum Shrimp, Neo-	Mussels and Indicators of Biological Recovery
721 32	mysis Americana Smith, W74-11324 7-21 5C	Zone,
VIRGINIA INST. OF MARINE SCIENCE,		W74-06158 7-12 5C
GLOUCESTER POINT. Macroalgae of the Chesapeake Bay,	Classification and Community Structure of	Systems simulation of the effect of tertiary
W74-00898 7-02 2L	Macrobenthos in the Hampton Roads Area, Virginia,	treatment for carbon, nitrogen, and phosphorus
7-02 22	W74-12727 7-23 5A	removal upon primary productivity, standing
Cnidaria of the Chesapeake Bay,		crop, and community structure of autotrophic
W74-00907 7-02 2L	VIRGINIA POLYTECHNIC INST. AND STATE	and hetertrophic communities in receiving
Fishes of the Chesapeake Bay,	UNIV., BLACKSBURG. Coagulant Recovery and Reuse in Water Recla-	model streams. W74-07337 7-14 5C
W74-00916 7-02 2L	mation Systems,	
	W74-07844 7-15 5D	The Recovery of Stream Macrobenthic Com-
Sediment Transport in a Coastal Plain Estuary, W74-01185 7-03 2L	Stochastic Model of Dynamic Eutrophic Estua-	munities from the Effects of Acid Mine Drainage,
W74-01185 7-03 2L	ry,	W74-08701 7-17 5C
Age, Growth and Mortality of the White Perch,	W74-09114 7-17 5B	
Morone americana, in the James and York	Comparative Yield and Fertilizer Efficiency of	Aquatic Fungi in Rivers: Their Distribution and sesponse to Pollutants,
Rivers, Virginia, W74-02101 7-04 5C	No-Tillage and Conventionally Tilled Corn,	W74-09810 7-19 5C
W/4-02103	W74-10335 7-19 3F	
Larvae of the Burrowing Shrimp, Upogebia Af-		Additions to the West Virginia Ichthyofauna,
finis, (Crustacea, Decapoda, Upogebiidae)	VIRGINIA POLYTECHNIC INST. AND STATE	with Comments on the Distribution of Other Species,
from Virginia Plankton, W74-03303 7-07 2L	UNIV., BLACKSBURG. AGRICULTURAL EXTENSION SERVICE.	W74-10800 7-20 2H
1-01 ZL	Reducing Labor During Broiler Growout,	
Mud Shrimp (Callianassa) Larvae (Crustacea,	W74-11243 7-21 5D	VIRGINIA POLYTECHNIC INST. AND STATE
Decapoda, Callianassidae) from Virginia Plank-	VIRGINIA POLYTECHNIC INST. AND STATE	UNIV., BLACKSBURG. DEPT. OF BIOLOGY; AND VIRGINIA POLYTECHNIC INST. AND
ton, W74-03307 7-07 2L	UNIV., BLACKSBURG. CENTER FOR URBAN	STATE UNIV., BLACKSBURG. CENTER FOR
7-07 ZL	AND REGIONAL STUDIES.	ENVIRONMENTAL STUDIES.
An Inexpensive, Fast Response Current Speed	Minimizing Water and Sewer System Costs	Aquatic Invertebrate Recovery in the Clinch
Indicator,	Using Topaz,	River Following Hazardous Spills and Floods,

Using Topaz, W74-09658

7-18 6A

W74-07841

7-07 7B

7-15 SC

Impact of Beach Nourishment on Distribution

of Emerita Talpoida, the Common Mole Crab,

The Use of a Mobile Laboratory to Study Temperature Response of Fish,
W74-11297 7-21 5C

Commission, W74-08497

VSESOYUZNYI GEOLOGICHESKII INSTITUT, LENINGRAD (USSR).

SOIL PHYSICS.

VOLCANI INST. OF AGRICULTURAL

RESEARCH, BET-DAGAN (ISRAEL). DEPT. OF

A Tentative Proposal for a Rapid In-Plant	VIRGINIA UNIV., CHARLOTTESVILLE. DEPT.	steady Transport Through Unsaturated Soils: I.
Biological Monitoring System,	OF CHEMISTRY.	Theory,
W74-12183 7-23 5A	The Determination of Boron in Solution to Sub-	W74-00611 7-02 2G
Rapid Biological Monitoring System for Deter-	p.p.b. Concentrations by Hollow-Cathode Emission,	VOLCANI INST. OF AGRICULTURAL
mining Aquatic Community Structure in	W74-05468 7-11 5A	RESEARCH, BET-DAGAN (ISRAEL). DIV. OF
Receiving Systems,		SOIL CHEMISTRY AND PLANT NUTRITION.
W74-12184 7-23 5A	VIRGINIA UNIV., CHARLOTTESVILLE. DEPT. OF ENVIRONMENTAL SCIENCES.	Rates of Growth and Nutrient Uptake of Ir-
VIRGINIA POLYTECHNIC INST. AND STATE	Analytical Modeling of Estuarine Circulation,	rigated Corn as Affected by N and P Fertiliza-
UNIV., BLACKSBURG. DEPT. OF CHEMICAL	W74-00386 7-01 2L	tion,
ENGINEERING.		W74-11263 7-21 3F
The Removal of Soluble Mercury from Waste	Tropic Analyses of an Estuarine Mangrove	VOORHEES (ALAN M.) AND ASSOCIATES,
Water by Complexing Techniques, W74-07845 7-15 5D	Community, W74-06489 7-12 2L	INC., MCLEAN, VA.
W /4-0/843 /-13 3D		Sewer System Cost Estimation Model.
VIRGINIA POLYTECHNIC INST. AND STATE	Evaluation of Land Use Mapping from ERTS	W74-00745 7-02 5D
UNIV., BLACKSBURG. DEPT. OF CIVIL	in the Shore Zone of Carets, W74-06627 7-13 4A	VORONEZHSKII LESOTEKHNICHESKII
ENGINEERING. Effects of Thickness on Bacterial Film,	W/4-0002/ /-13 4A	INSTITUT (USSR).
W74-07545 7-14 5C	Origin of Circular Beds of Thalassia	Study of the Intracellular Water State in Plants
	(Spermatophyta:Hydrocharitaceae) in South	Under the Effect of Phenols, (In Russian),
VIRGINIA POLYTECHNIC INST. AND STATE	Biscayne Bay, Florida, and Their Relationship to Mangrove Hammocks,	W74-02234 7-05 2I
UNIV., BLACKSBURG. DEPT. OF FISHERIES AND WILDLIFE SCIENCES.	W74-07022 7-13 5A	Some Data on Fluorine, Bromine, and Iodine
Effects of Artificial Destratification on		Concentrations in Atmospheric Precipitation at
Zooplankton in Parvin Lake, Colorado,	An Integrated Model of Storm-Generated	Voronezh (Nekotoryye dannyye o soderzhanii
W74-00243 7-01 5C	Waves, W74-10653 7-20 2E	ftora, broma i ioda v atmosfernykh osadkakh g.
Bottom Found Changes During Astificial Bosses	W /4-10033 /-20 ZE	Voronezha),
Bottom Fauna Changes During Artificial Reser- voir Destratification,	Quantification of Shoreline Meandering,	W74-03251 7-07 5A
W74-02992 7-06 5C	W74-12643 7-23 2J	VORONEZHSKII MEDITSINSKII INSTITUT
	Man's Impact on the Colorado River in the	(USSR). DEPT. OF BIOLOGY AND GENERAL
VIRGINIA POLYTECHNIC INST. AND STATE	Grand Canyon,	GENETICS.
UNIV., BLACKSBURG. DEPT. OF PHYSICS.	W74-13149 7-24 4C	Infection of Fish with Opisthorchis Felineus in
Holographic Microscopy of Diatoms, W74-00247 7-01 5C	VICUESVADAVA DECIONAL COLL OF	Water Bodies of the Voronezh Region, (In Rus-
174-00247	VISVESVARAYA REGIONAL COLL. OF ENGINEERING, NAGPUR (INDIA).	sian), W74-13396 7-24 5C
VIRGINIA POLYTECHNIC INST. AND STATE	Berry Seed Shell as Filter Media,	1743570
UNIV, BLACKSBURG. DEPT. OF SOCIOLOGY.	W74-13328 7-24 5D	VORONEZHSKII SELSKOKHOZYAISTVENNYI
Concept-Scale Interaction with the Semantic Differential Technique,	VITERBO COLL., LA CROSSE, WIS. DEPT. OF	INSTITUT (USSR).
W74-01644 7-03 6B	BIOLOGY.	Artificial Recharge of Groundwater by Local Surface Runoff (Iskusstvennoye vospolneniye
	Acute Toxicities of Antimycin A, Bayer 73,	zapasov podzemnykh vod za schet mestnogo
VIRGINIA POLYTECHNIC INST. AND STATE	and TFM to the Ostracod Cypretta Kawatai,	poverkhnostnogo stoka),
UNIV., BLACKSBURG. DEPT. OF STATISTICS. Estimating a Correlation Coefficient When One	W74-06039 7-12 5C	W74-06450 7-12 4B
Variable is Not Directly Observed,	Effect of TFM and Bayer 73 on In Vivo Ox-	VRIJE UNIVERSITEIT, AMSTERDAM
W74-00619 7-02 7C	ygen Consumption of the Aquatic Midge	(NETHERLANDS). AFDELING
MINORIA DOLLARDONNIO MORANDO CEARD	Chironomus Tentans,	PLANTENSYSTEMATIEK.
VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. WATER RESOURCES	W74-13094 7-24 5C	Vaucheria Species from the Dutch Brackish In-
RESEARCH CENTER.	VOITH (J. M.) G.M.B.H., HEIDENHEIM (WEST	land Ponds 'De Putten',
Water Resources Research in Virginia - Annual	GERMANY).	W74-11194 7-21 2H
Report for Fiscal Year 1972.	In-Plant Measures for Reduction of the	VRIJE UNIVERSITEIT, AMSTERDAM
W74-07842 7-15 9D	Specific Freshwater Consumption of Paper	(NETHERLANDS). INST. OF EARTH
A Stochastic Model for the James,	Mills,	SCIENCES.
W74-07843 7-15 5B	W74-05433 , 7-11 5D	Hydrogeology of the Sasso Lungo Group, a
	VOLCANI INST. OF AGRICULTURAL	Dolomitic Reef Stock in the Alpine Dolomites
VIRGINIA POLYTECHNIC INST.,	RESEARCH, BET DAGAN (ISRAEL).	of North Italy,
BLACKSBURG, DEPT. OF BIOCHEMISTRY AND NUTRITION; AND VIRGINIA	Interacting Diffuse Layers in Mixed Mono-	W74-07153 7-14 2F
POLYTECHNIC INST., BLACKSBURG. DEPT.	Divalent Ionic Systems, W74-08920 7-17 2G	Chemical Water Types and Their Distribution
OF ANIMAL SCIENCE.		in Space and Time in the Amsterdam Dune-
Utilization of Different Levels of Poultry Litter	VOLCANI INST. OF AGRICULTURAL	Water Catchment Area with Artificial
Nitrogen by Sheep,	RESEARCH, BET-DAGAN (ISRAEL). DEPT. OF	Recharge, W74-13004 7-24 4B
W74-00401 7-01 5G	AGRONOMY. On the Pressure Chamber Technique for Esti-	W 74-13004 7-24 4B
VIRGINIA UNIV., CHARLOTTESVILLE.	mating Leaf Water Potential in Sorghum,	VSESOYUZNYI GEOLOGICHESKII INSTITUT,
Beach Changes on the Outer Banks of North	W74-09730 7-18 3F	LENINGRAD (USSR).
Carolina,	VOLCANI INCT. OF ACRICULTURAL	Role of Turbidity Currents in Sedimentary
W74-01179 7-03 2E	VOLCANI INST. OF AGRICULTURAL RESEARCH, BET-DAGAN (ISRAEL). DEPT. OF	Processes (O roli mut'yevykh potokov v prot- sessakh osadkonakopleniya).
Water and Sewer Supply Decisions: A Case	SOIL AND WATER.	W74-07502 7-14 2J
Study of the Washington Suburban Sanitary	Saturated-Unsaturated Seepage by Finite Ele-	7-14 23

ments, W74-02313

7-16 5G

VSESOYUZNYI INSTITUT NAUCHNO-

7-05 2G TEKHNICHESKOI INFORMATSII PO

CHESKOI INFORMATSII PO SELSKOMU

VSESOYUZNYI INSTITUT I	NAUCHNO-TEKHNIC
43E3010ER111R31R011	1,000,000
SELSKOMU KHOZYAIST	vu, moscow
Problem of Pure Water sian),	in the USA, (In Rus-
W74-04837	7-09 50
VSESOYUZNYI INSTITUT	
RASTENIEVODSTVA, LE	
Drought Resistance of	
Main Ecological-Geograpsian),	phic Groups, (In Rus
W74-04220	7-08 3F
VSESOYUZNYI NAUCHN KHI INSTITUT VODOSNA KANALIZATSII, GIDROT SOORUZHENII I INZHEN GIDROGEOLOGII, MOSC Effects of Ice Formation a Reservoir (Vliyaniye solevoy rezhim vodokhra W74-08704 VSESOYUZNYI NAUCHNO	ABZHENIYA, EKHNICHESKIKH ERNO OW (USSR). on the Salt Regime o ledoobrazovaniya ninilishcha), 7-17 20
ISSLEDOVATELSKII INST	
GIDROGEOLOGII I INZH	ENERNO GEOLOGII
MOSCOW (USSR).	-1 -1 -1
Artificial Replenishme Storage (Obiskusstvenno	
podzemnykh vod),	in vospomenn zapaso
W74-10223	7-19 41
VSESOYUZNYI NAUCHNO	0-
ISSLEDOVATELSKII INST	TITUT
GIDROGEOLOGII I INZH	ENERNOI
GEOLOGII, MOSCOW (U	SSR).
Types of Commercial De	
derground Waters and S	ome Views on the As
e mi i m	

nessment of Their Reserves, W74-08994 7-17 2F

Hydrogeology of the USSR. Volume 4: Voronezh, Kursk, Belgorod, Bryansk, Orlov, Lipetsk, and Tambov Oblasts (Gidrogeologiya SSSR. Tom IV. Voronezhskaya, Kurskaya, Belgorodskaya, Bryanskaya, Orlovskaya, Lipetskaya, Tambovskaya Oblasti). 7-22 AR W74-11453

Hydrogeology of the USSR. Volume 17: Kemerovo Oblast and Altay Territory (Gidrogeologiya SSSR. Tom XVII. Kemerovskaya oblast' i Altayskiy kray).

Hydrogeology of the USSR. Volume 26. Soviet North East (Gidrogeologiya SSSR. Tom XXVI. Severo-Vostok). W74-11455 7-22 4B

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROGEOLOGII I INZHENERNOY GEOLOGII, MOSCOW (USSR).

Hydrogeology of the USSR. Volume 15: Bashkir ASSR (Gidrogeologiya SSSR. Tom XV. Bashkirskava ASSR). W74-11017

Hydrogeology of the USSR. Volume 29: Kamchatka, and the Kuril and Komandorskiye Islands (Gidrogeologiya SSSR. Tom XXIX. Kamchatka, Kuril'skiye i Komandorskiye os-W74-11018 7-21 2F

Hydrogeology of the USSR. Volume 38: Turkmen SSR (Gidrogeologiya SSSR. Tom XXX-VIII. Turkmenskaya SSR). W74-11019

Hydrogeology of the USSR. Volume 40: Kirgiz SSR (Gidrogeologiya SSSR. Tom XL. Kirgizskaya SSR). W74-11020

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI I MELIORATSII, MOSCOW (USSR).

Experiment in Rapid Leaching of Saline Soils in the Golodnaya Steppe (Opyt uskorennoy promyvki zasolennykh pochv Golodnoy stepi), W74-05018

A Study of Bacterial Migration in Irrigated Soils, (In Russian), W74-12704 7-23 5B

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI, LENINGRAD (USSR).

Hydraulic Conductivity of Water-Resistant Protections of Clayey Soils, W74-12829 7-24 2G

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIGIENI I TOKSIKOLOGII PESTITSIDOV, KIEV (USSR).

Certain Problems in the Quantitative Toxicology of Organophosphorus Compounds, W74-01795

Hygienic Evaluation of a Machine for Applying Granulated Herbicides in Canals of the Collector-Drainage Network, (In Russian), W74-04166

Experience in Sanitary Evaluation of the Use of Polyethylene Pipes for Rural Water Supply Lines, (in Russian), W74-12716 7-23 5D

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT ISKUSSTVENNOGO VOLOKNA, LENINGRAD (USSR), LENINGRADSKII FILIAL.

Some Results of Water Purification at Viscose Rayon Factories (Nekotorye itogi raboty vodoochistnykh sooruzhennii predpriyatii viskoznykh volokon), W74-08429 7-16 5D

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MASLICHNYKH I EFIROMASLICHNYKH KULTUR, KRASNODAR (USSR).

Water Regime of Sunflower Under Different Conditions of Phosphorus Nutrition, (In Russian). W74-01227 7-03 3F

Value of Soil Cultivation Between Rows of Sunflower, (In Russian), W74-13351 7-24 2G

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT PRIRODNYKH GAZA, MOSCOW (USSR)

Distribution of Arsenic in Deep Groundwater of The Middle Caspian Artesian Basin (K voprosu o raspredelenii mysh'yaka v glubokikh podzemnykh vodakh Srednekaspiyskogo artezianskogo basseyna), W74-10379 7-20 5B

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT TSELLYULOZNO-BUMAZHNOI PROMYSHLENNOSTI, LENINGRAD (USSR).

Activated Sludge Microflora in Aeration Ponds fer Secondary Purification of Pulp and Paper Mill Effluents (Issledovanie mikroflory aktivnogo ila aeriruemykh prudob po doochistke stochnykh vod tsellyulozno-bumazhnykh predpriyatii), W74-13425 7-24 5D

Rational Organization of Water Consumption in the Wood Preparation Room of Pulp and Paper (Organizatsiya ratsional'nogo vodopol'zovaniya v drevesnopodgotovitel'nykh tsellyulozno-bumazhnykh tsekhakh predpriyatii), W74-13426

Calculations for Displacement-Type Aeration Tanks (Raschet aerotenkov-vytesnitelei),

Liquid Velocity Distribution in Aeration Tanks with Mechanical Aerators (Rasredelenie skorostei zhidkosts v aerotenkakh s mekhanicheskimi aeratorami). 7-24 SD W74-13428

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT VODOSNABZHENIYA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII, BAKU (USSR).

The Field Study of Sand Motion Through Porous Medium by Means of Luminophors, W74-12817 7-24 21

VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII KHIMIKO-FARMATSEVTICHESKII INSTITUT, MOSCOW (USSR).

Purification of Effluents and Improvement of the Technology in the Production of Chloretone, (In Russian), W74-07285 7-14 SD

Dynamics of the Utilization of Organic Pollutants in Waste Water of the Olaine Chemical-Pharmaceutical Plant by the Heterotrophic Biocoenosis of Active Silt, (in Russian),

7-21 5D

VSESOYUZNYI-NAUCHNYI PLANOVII OTDEL BUMAZHNOI PROMYSHLENNOST, MOSCOW

W74-11184

System of Combined and Profound Treatment of Pulp and Paper Industry Waste Waters with Activated Sludge, W74-12428

VSESOYUZNYI-NAUCHNYI PLANOVII OTDEL BUMAZHNOI PROMYSHLENNOST (USSR).

Reduction of the Volume of Pollutants Discharged and of Fresh Water Consumption (Sokrashchenie sbrosa zagrvaznenii umen'shenie raskhoda svezhei vody),

Determination of the Alkalinity of Mill Effluents (Opredelenie shchelochnosti stochnykh vod).

W74-08411 7-16 5A

Aeration of Effluents in Aeration Tanks (Aeratsiya stochnykh vod v aerotenkakhvytesnitelyakh), W74-08413 7-16 5D

VTN NEVADA, LAS VEGAS; AND JONES AND STOKES ASSOCIATES, INC., LAS VEGAS, NEV.

Environmental Assessment: Pollution Abatement Project, Las Vegas Wash and Bay, Annex W74-03118 7-06 5D

		WARSAW UNIV. (POLAND). ZOOLOGICAL INST.
VTN, ORLANDO, FLA. Effective Use of High Water Table Areas for	VYZKUMNY USTAV RYBARSKY AND HYDROBIOLOGICKY, VODNANY	WALLACE AND TIERNAN, INC., SAN FRANCISCO, CALIF.
Sanitary Landfill. W74-08486 7-16 5E	(CZECHOSLOVAKIA). Determination of the Hematocrit Value of Carp and Its Influencing with Cobalt, (Stanoveni He-	Disinfection of Water Using Chlorine Dioxide, W74-08253 7-16 5D
VULCAN LABS., INC., PONTIAC, MICH. (ASSIGNEE).	matodritove Hodnoty Kapru a Jeji Ovlivneni Kobaltem),	Disinfection Practices in the San Francisco Bay Area.
Water Conditioning System, W74-02031 7-04 5F	W74-11316 7-21 5C	W74-10350 7-19 5D
VYSKUMNY USTAV PAPIERU A CELULOZY, BRATISLAVA (CZECHOSLOVAKIA).	WAGNER COLL. SCIENCE CENTER, STATEN ISLAND, N.Y. Ultrasonic Solubilization Technique for Use in	WALLOVER OIL CO., EAST LIVERPOOL, OHIO. (ASSIGNEE). Continuously Regenerating Active Earth Filter-
Switching from Calcium Bisulfite to Two-Stage Sodium-Calcium Bisulfite Pulping to Reduce Water Pollution (Znizenie znecistenia odpad-	Coulometry, W74-05497 7-11 5A	ing Apparatus for Liquid wastes, W74-03004 7-06 5D
nych vod prechodom z Ca-bisulfitoveho varenia na dvojstupnove Na-Ca-bisulfitove), W74-00789 7-02 5D	WAGNER COLL. SCIENCE CENTER, STATEN ISLAND, N.Y. DEPT. OF CHEMISTRY. Determination of Potassium by Means of the	WALTER DORWIN TEAGUE ASSOCIATES, NEW YORK. (ASSIGNEE). Water Purification Apparatus,
Response of River Water to Biochemically	Cotlove Chloridometer, W74-05450 7-11 5A	W74-07209 7-14 5D
Degradable Substances in Pulp Mill Waste Water (Odezva reky na biochemicky odbou- ratelne latky v odpadnich vodach z celulozek), W74-05431 7-11 5B	WAHLER (W.A.) AND ASSOCIATES, PALO ALTO, CALIF.	WALTER REED ARMY INST. OF RESEARCH, WASHINGTON, D.C. Molecular Relationships Among the Salmonel-
VYSKYMNY USTAV VODOHOSPODARKSY,	Analysis of Coal Refuse Dam Failure, Middle Fork Buffalo Creek, Saunders, West Virginia Volume 2, Appendices.	leae, W74-00623 7-02 5B
BRATISLAVA (CZECHOSLOVAKIA). Methodology of Plant Tissue Water Potential Determination by the Psychrometric Method,	W74-01939 7-04 8A WAHNBACHTALSPERRENVERBAND,	WAPLANS MEKANISKA VERKSTADS A.B., VAPLAN (SWEDEN).
W74-11188 7-21 21 VYSOKA SKOLA CHEMICKO-	SIEGBURG (WEST GERMANY). The Use of Algal Assays for Determining the	Use of the Multiroll Press for Dewatering Clari- fier Sludge, W74-11096 7-21 3D
TECHNOLOGICKA, PRAGUE (CZECHOSLOVAKIA). DEPT. OF WATER TECHNOLOGY.	Effect of Iron and Phosphorus Compounds on the Growth of Various Algal Species, W74-07776 7-15 5C	WAPORA, INC., WASHINGTON, D.C. Suburban America: Population Dynamics as
The Vector of Saprobity and the System of Water Quality, W74-01074 7-02 5A	WAIKATO UNIV., HAMILTON (NEW ZEALAND). DEPT. OF EARTH SCIENCES.	Related to Water Resources Planning, W74-00553 7-02 6B
The Reality of Three British Biotic Indices, W74-03289 7-07 5A	The Relationships Between Land Use and Erosion in the Central North Island, New Zealand, W74-02287 7-05 4D	Technical and Economic Evaluation of Cooling System Blowdown Control Techniques, W74-06510 7-13 5D
VYSOKA SKOLA ZEMEDELSKA, BRNO (CZECHOSLOVAKIA). FAKULTA LESNICKA. Protective Function of the Forest in Areas of	WAIKATO UNIV., HAMILTON (NEW ZEALAND). DEPT. OF MATHEMATICS. Effect of Drain Depth and Gap Width on	An Overview of Water Reuse Potential in Pulp and Paper Manufacturing, W74-07410 7-14 5D
Waterwork Reservoirs, (In Czech), W74-01582 7-03 4A	Potential Flow in Homogeneous Porous Soil, W74-10568 7-20 4A	WARREN SPRING LAB., STEVENAGE
VYSOKA SKOLA ZEMEDELSKA, LEDNICE (CZECHOSLOVAKIA). BIOLOGICAL	WAIKATO UNIV., HAMILTON (NEW ZEALAND). SCHOOL OF SCIENCE.	(ENGLAND). Solvent Extraction in Processes for Metal Recovery from Scrap and Waste,
STATION. The Effect of Mineral Fertilization and of Carp Fry on the Composition and Dynamics of	A New Species of Boeckella (Copepoda: Cala- noida) from Northland, New Zealand,	W74-09784 7-18 5D
Plankton, W74-06535 7-13 5C	W74-01309 7-03 5A Calamoecia Lucasi (Copepoda, Calanoida) and	WARSAW UNIV. (POLAND). DEPT. OF HYDROBIOLOGY. Primary Production and Respiration of the
VYZKUMNY USTAV AGROCHEMICKEJ TECHNOLOGIE, BRATISLAVA	Other Zooplankters in Two Rotorua, New Zealand, Lakes,	Phytoplankton of the Rivers Thames and Kennet at Reading,
(CZECHOSLOVAKIA). MetathionA New Low-Toxicity Or-	W74-13467 7-24 2H	W74-08132 7-15 5C
ganophosphorus Insecticide, W74-01796 7-04 5B	WAITE AGRICULTURAL RESEARCH INST., GLEN OSMOND (AUSTRALIA). Effect of Plant Growth and Form of Nitrogen Fertilizer on Dentrification from Four South	WARSAW UNIV. (POLAND). INST. OF FUNDAMENTAL PROBLEMS IN CHEMISTRY. Determination of Nitrate in Water with a New
VYZKUMNY USTAV CHEMICKYCH ZARIZENI, BRNO (CZECHOSLOVAKIA). Power Input for the Surface Aerator in Waste	Australian Soils, W74-07039 7-13 2G	Construction of Ion-Selective Electrode, W74-08420 7-16 5A
Water Treatment Plants (Prikon povrchoveho aeracniho michadla pro cisteni odpadnich vod), W74-03555 7-07 5D	WALES DIRECTORATE OF ENGINEERING (ENGLAND).	WARSAW UNIV. (POLAND). LAB. OF HYDROBIOLOGY. Ecology of the Eulittoral Zone of Lakes,
VYZKUMNY USTAV ORGANICKYCH SYNTEZ, PARDUBICE (CZECHOSLOVAKIA). Identification of Aromatic Nitriles by Reaction	Water Pollution Prevention in South Wales, W74-09735 7-18 5G WALES UNIVERSITY COLL. OF WALES,	W74-08003 7-15 5C WARSAW UNIV. (POLAND). ZOOLOGICAL INST.

ABERYSTWYTH. DEPT. OF BIOCHEMISTRY.
Synthesis of Metabolic Intermediates,
7-23 5C

WALLA WALLA COLL., COLLEGE PLACE,

Acanthaster Planci, W74-05301

WASH. DEPT. OF BIOLOGY.
Polychlorinated Biphenyls in the Seastar

Paper Chromatography,

VYZKUMNY USTAV RASTLINNEJ VYROBY,

Investigation of the Dynamics of the Moisture State of the Soil Under Several Years of Forage Crops and Under Sainfoin, (In Czech), W74-03917 7-08 3F

PIESTANOCH (CZECHOSLOVAKIA).

7-10 5A

W74-04865

7-02 5C

Bottom Fauna of Dead Vistula,

Spatial Differentiation and Changes in Time of

Zoomicrobenthos in Three Masurian Lakes, W74-05050 7-10 5C

Ecology of the Eulittoral Zone of Lakes,

W74-01073

W74-12151

7-10 5A

WASHINGTON AREA INTERSTATE WATER RESOURCES PROGRAM, D.C.

WASHINGTON AREA INTERSTATE RESOURCES PROGRAM, D.C. A Report of Progress and C		DEPT. OF AGRICULTURAL CHEMISTRY. DEP	SHINGTON STATE UNIV., PULLMAN. T. OF SANITARY ENGINEERING. LOSPHORUS AND AIGAL GROWTH IN THE SPI	
(Washington, D.C. Metropolitan			ver,	
Resources). W74-00583	7-02 6D	W74-00072 7-01 5A W	74-02143 7-04	5 C
WASHINGTON STATE DEPT. OF EC		DEPT. OF AGRICULTURAL ECONOMICS. DEP	SHINGTON STATE UNIV., PULLMAN. T. OF ZOOLOGY.	
OLYMPIA. Water Quality ReportYakim	na River,	The Solution Becomes the Problem, sis	ne Effect of Photoperiod on Therma stance of Speckled Dace,	
December 1970September 1971, W74-06261	7-12 5B			5 50
Water Quality Report, Upper Snoqu System, August 1972-November 197 W74-06375	72, 7-12 5B	Uses of Warm Water in the Pacific Northwest Resulting from Electric Power Generation, W74-07125 7-14 3C COM	SHINGTON STATE UNIV., PULLMAN. T. OF ZOOLOGY AND WASHINGTON TE UNIV., PULLMAN. DEPT. OF MPUTER SCIENCE. apabilities and Limitations of Nutrient-I	i
VASHINGTON STATE DEPT. OF EC DLYMPIA. DIV. OF ENVIRONMENT		Income Distributional Consequences of to	n Model,	3 50
MONITORING. Water Quality ReportStillaguan	nish River,	Basin Project,	SHINGTON STATE UNIV., PULLMAN.	
December 1970-September 1971, W74-06273	7-12 5B	Distributional Consequences of Recreation A	GINEERING RESEARCH DIV. naerobic-Aerobic Lagoon Treatment of	Dairy
WASHINGTON STATE DEPT. OF EC	COLOGY.		anure Wastes,	
DLYMPIA. OFFICE OF TECHNICAL SERVICES.		W74-10550 7-20 6B	74-11804 7-22 SHINGTON UNIV., SAINT LOUIS, MO	2 5E
	Groundwater		TER FOR THE BIOLOGY OF NATUR	
Resources, Vicinity of Castle Ro County, Washington,	ck, Cowlitz	DEPT. OF AGRICULTURAL ENGINEERING. SYS	TEMS.	
W74-06278	7-12 4B		nthropological Contributions to the Cu cology and Management of Water Resou	
InvestigationsGround Water Cond	lisiana in sha			4 6H
Vicinity of Plaza, Spokane Count				
ton,	y, washing		SHINGTON UNIV., SAINT LOUIS, MO PT. OF MECHANICAL AND AEROSPA	
W74-06436	7-12 4B		GINEERING.	CE
WASHINGTON STATE DEPT. OF FI	SHERIES,	Control Processes, Nutrient Contents, and W	he Urban Plume of St. Louis, 774-10964 7-2	1 5H
Mill Creek Fish Passage Facility,		Lake Eutrophication,	SHINGTON UNIV., SEATTLE.	
W74-00351	7-01 8I	A A	rctic Data Buoys and Aidjex,	3 71
Oyster Drill (Ocinebra Japonica) Co W74-01917	7-04 5G	DEPT. OF ANIMAL SCIENCE.		
		n model of a readminim recosystem to con-	arometric Pressure Measurements uoys During AIDJEX 1972,	fron
Fluorophene, a Possible Control Oyster Drills on Oyster Grounds,	of Japanese			3 71
W74-01918	7-04 5G	W/4-03/04 /-11 3B	oil Development and Patterned G	
Oyster Drill Investigations,		WASHINGTON STATE CHIV., I CELEMAN.	volution in Beacon Valley Antarctica,	roun
W74-01919	7-04 5G			9 20
Puget Sound Resident Coho Salmor	Study	Survival of Intestinal Bacteria in Oligotrophic	Summary of Quantity, Quality and Eco	nomi
W74-02639	7-05 2L	Waters,	lethodology for Establishing Minimum F	
Hood Canal Pond Revision,			774-07847 7-1:	5 61
W74-05157	7-10 81		hysical Transport of Trace Metals in the /ashington Watershed,	Lak
WASHINGTON STATE DEPT. OF FI OLYMPIA. MANAGEMENT AND RI				7 51
DIV.	BEARCIA	WASHINGTON STATE UNIV., PULLMAN.	ssessment of Selected Rann Environi	menta
1971 Puget Sound Fall Chino	ook Salmon	DEPT. OF CIVIL ENGINEERING.	Iodelling Efforts,	
Tagging Study, W74-08452	7-16 8I	River Basalt Using Geophysical Data in Parts		1 64
WASHINGTON STATE DEPT. OF SO	OCIAL AND	W74-10858 7-20 4B PHY	SHINGTON UNIV., SEATTLE. APPLIE YSICS LAB.	
HEALTH SERVICES, OLYMPIA. Radioactivity in Washington Sur	rface Water	WASHINGTON STATE UNIV., PULLMAN.	ormation of Thermal Microstructure in ow Embayment During Flushing,	a Nai
July 1970-June 1971. W74-08653	7-16 5B	Geology and Groundwater Resources of the	7-0	1 21
		Hangman Creek Drainage Basin, Idaho- T	he Arctic Data Buoy, A System for En	viror
WASHINGTON STATE UNIV., PULI COLL. OF ENGINEERING.			nental Monitoring in the Arctic, 7-0	3 7
Geophysical Investigations of V	Washington's	WASHINGTON STATE UNIV., PULLMAN. WA	CHINCTON UNIV CEATTLE CENTE	D
Ground Water Resources, W74-06262	7-12 2F	DEPT. OF POLITICAL SCIENCE. FOI	SHINGTON UNIV., SEATTLE. CENTE R THE BIOLOGY OF NATURAL SYSTI	
WASHINGTON STATE UNIV., PULI	LMAN		he Black Tide,	0
COLL. OF ENGINEERING RESEAR	CH DIV.	W74-05957 7-12 6E		0 50
The Role of Paper Mill Additives		WA	SHINGTON UNIV., SEATTLE. COLL.	OF

The Columbia Interstate Compact: Politics of FISHERIES.

Biological Models of Freshwater Communities,

7-02 5C

W74-00925

Water Resources in the Pacific Northwest, W74-07846 7-15 6E

Techniques, W74-05287

Stream Pollutants -- Development of Nuclear

WASHINGTON UNIV., SEATTLE. FISHERIES RESEARCH INST.

The Feeding Ecology of the Rock Greenling, Hexagrammos lagocephalus, in the Inshore	H2SO4/(NH4)2SO4 Aerosol: Optical Detection in St. Louis Region,	Oxidation of Organic Matter in Sediments, W74-06528 7-13 5C
Waters of Amchitka Island, Alaska,	W74-10965 7-21 5A	
W74-03505 7-07 21	Potential Effects of Thermal Discharges on	A Strategy for Modeling Primary Production in Stratified Fjords,
Uptake of Molybdenum Marked with Mo-99,	Aquatic Systems,	W74-07494 7-14 5C
by the Biota of Fern Lake, Washington, in a Laboratory and Field Experiment,	W74-11107 7-21 5C	A Similarity Solution for Steady-State Gravita-
W74-05210 7-10 5C	North Cascades Highway SR-20 Avalanche Atlas,	tional Circulation in Fjords, W74-07675 7-15 2L
Biological Half-Lives for Zinc and Mercury in the Pacific Oyster, Crassostrea gigas,	W74-11226 7-21 2C	Particulate Lead Contamination Recorded in
W74-07807 7-15 5C	Avalanches on the North Cascades Highway (SR-20)Summary Report,	Sedimentary Cores From Lake Washington, Seattle,
Accumulation of Calcium-45 in Developing	W74-11444 7-21 2C	W74-09791 7-18 5B
Coho Salmon Eggs and Fry reared in varying concentrations of Stable Calcium,	Character and Significance of Highway Runoff	WASHINGTON UNIV., SEATTLE. DEPT. OF
W74-07808 7-15 5C	WatersA Preliminary Appraisal, W74-11775 7-22 4C	POLITICAL SCIENCE. Water and Politics in Coastal California - The
WASHINGTON UNIV., SEATTLE. COLL. OF		Diablo Canyon Experience,
FOREST RESOURCES.	WASHINGTON UNIV., SEATTLE. DEPT. OF ECONOMICS.	W74-10480 7-20 5D
Clarification Method of Polluted Water from Paper Mills With Combination of Beer Effluent	Economic and Political Objectives in Fishery	WASHINGTON UNIV., SEATTLE. DEPT. OF
(In Japanese),	Management, W74-03195 7-06 6B	ZOOLOGY. Species Introduction in a Tropical Lake,
W74-04528 7-09 5D		W74-05492 7-11 5C
Ecosystem Modeling of a Forested River	WASHINGTON UNIV., SEATTLE. DEPT. OF ENVIRONMENTAL HEALTH.	WASHINGTON UNIV., SEATTLE. DIV. OF
Basin, W74-12294 . 7-23 2A	Atomic Absorption Determination of Nano-	MARINE RESOURCES.
	gram Quantities of Arsenic in Biological Media,	Checklist of Puget Sound Fishes,
WASHINGTON UNIV., SEATTLE. DEPT. OF	W74-12479 7-23 5A	W74-03060 7-06 2L
AERONAUTICS AND ASTRONAUTICS. Dimensionless Strength Parameters for Float-	WASHINGTON UNIV., SEATTLE. DEPT. OF	A Relation Between the Potential Energy
ing Ice Sheets,	OCEANOGRAPHY. Gravitational Circulation in Straits and Estua-	Produced by Ridging and the Mechanical Work Required to Deform Pack Ice,
W74-05162 7-10 2C	ries,	W74-05160 7-10 2C
A Mechanical Model of Rafting,	W74-00029 7-01 2L	Redistribution Functions and Their Yield Sur-
W74-05163 7-10 2C	Changes in the Concentration of Soluble and	faces in a Plastic Theory of Pack Ice Deforma-
WASHINGTON UNIV., SEATTLE. DEPT. OF	Particulate Iron in Seawater Enclosed in Con- tainers.	tion, W74-05161 7-10 2C
BOTANY. The Vegetation of Findley Lake Basin,	W74-00830 7-02 2K	
W74-01587 7-03 5C	The Union of the Columbia River and the	On the Calculation of the Roughness Parameter of Sea Ice.
WASHINGTON UNIV., SEATTLE. DEPT. OF	Pacific Ocean General Features,	W74-05164 7-10 2C
CIVIL ENGINEERING.	W74-01183 7-03 2L	Similarity Constants in the Stratified Planetary
Steady State Ground Motions Caused by Sin-	Tidal Period Oscillations of an Isohaline Sur-	Boundary Layer,
gle-Well Pumping, W74-00361 7-01 4B	face Off the Mouth of the Columbia River, W74-01188 7-03 2L	W74-05166 7-10 2E
		The Land Water Interface in an Urban Region:
The Relations of Periphytic and Planktonic Algal Growth in an Estuary to Hydrographic	Effects of Friction and Surface Tide Angle of Incidence on the Coastal Generation of Internal	A Spatial and Temporal Analysis of the Nature and Significances of Conflicts Between Coastal
Factors,	Tides,	Uses,
W74-01571 7-03 5C	W74-01190 7-03 2E	W74-05872 7-11 6B
Incorporation of Glide and Creep Measure-	Nutrient Submodels and Simulation Models of	Modeling the Pack Ice as an Elastic-Plastic
ments Into Snow Slab Mechanics, W74-02742 7-06 2C	Phytoplankton Production in the Sea, W74-01804 7-04 5C	Material, W74-09941 7-19 2C
Nutrient Income Change Related to Plankton Algae,	Processes contributing to the Nutrient Distribu- tions off the Columbia River and Strait of Juan	Strain Calculations Using AIDJEX 1972 Posi- tion Data.
W74-04318 7-09 5C	de Fuca,	W74-09942 7-19 2C
Enriching Effects of Urban Runoff on the	W74-03101 7-06 5B	WASHINGTON UNIV., SEATTLE. FISHERIES
Productivity of a Mesotrophic Lake,	An Instrumentation System to Measure Near-	RESEARCH INST.
W74-06080 7-12 5C	Bottom Conditions on the Continental Shelf, W74-03353 7-07 2J	A Limnology Study of a High Mountain Lake in Mount Rainier National Park. Washington
Long-Term Lake Recovery Related to Availa-		State; USA,
ble Phosphorus, W74-06562 7-13 5C	Modern Sediments of Willapa Bay, Washing- ton: A Coastal Plain Estuary,	W74-03277 7-07 5A
	W74-04209 7-08 2L	Optimum Escapement Studies of Chignik
State of the Art of Floating Breakwaters, W74-07498 7-14 8A	Some Physical and Chemical Properties of the	Sockeye Salmon, W74-08176 7-16 8I
	Gulf of Corinth,	
Primary Sludges Produced by the Addition of Lime to Raw Waste Water,	W74-04273 7-08 2L	Toxicity of Chlorine and Heat to Pink (Oncorhynchus Gorbuscha) and Chinook Sal-
W74-08224 7-16 5D	New Dimensions in Estuary Classification,	mon (O. Tshawytscha),
Flushing and Water Quality Characteristics of	W74-04735 7-09 2L	W74-13080 7-24 5C
Small-Boat Marinas,	Hydrodynamical Stability of Salt Wedge,	WASHINGTON UNIV., SEATTLE.
W74-10419 7-20 5B	W74-05825 7-11 2L	GEOPHYSICS PROGRAM; AND WASHINGTON

WASHINGTON UNIV., SEATTLE. GEOPHYSICS PROGRAM: AND WASHINGTON UNIV.,

UNIV., SEATTLE. DEPT. OF CIVIL ENGINEERING.		WATER DEVELOPMENT CORP., TU ARIZ.			Some Effects of Metals Dischar fluents and Possibilities for Their R	ecovery,
Avalanche Studies (1971-1972), W74-07319 7-14	2C	Application of Hydrogeological Dat Term Economics of Growing Suga			W74-11366	7-21 5D
W 14-0/319	20	Venezuela,	ai cane i	***	The Relation Between Water Qua	lity and the
WASHINGTON UNIV., SEATTLE. INST. FO	OR	W74-00196	7-01 10.	A	Status of Fish Populations in Willow	w Brook,
FOOD SCIENCE AND TECHNOLOGY.					W74-11932	7-22 5C
Temperature-Gradient Incubator for	the	WATER ECONOMICS RESEARCH IN				
Growth of Clostridia, W74-03878 7-08	5A	WROCLAW (POLAND). WATER PRO RESEARCH SECTION.	TECTIO!	N	Forecasting Pollution in Rivers, E	stuaries and
W /4-038/8	JA	Research on the Influence of Heavy	Metals o	on	the Sea, W74-12116	7-23 5B
WASHINGTON UNIV., SEATTLE. INST. O	F	the Development of Scenedesmus Q			W 74-12110	1-23 30
FOREST PRODUCTS.		(Turp) Breb. Part I Mercury,			Research and Development,	
Wood Waste Reuse in Controlled Re	elease	W74-13477	7-24 5	5C	W74-13292	7-24 5G
Pesticides, W74-05286 7-10	5D	WATER MANAGEMENT BOARD, BE	NO	,	WATER POLLUTION RESEARCH L	A D
W 74-03280	, ,,,	(CZECHOSLOVAKIA).	ANO		STEVERAGE (ENGLAND).	AD.,
WASHINGTON UNIV., SEATTLE. SCHOOL	L OF	Photometric Determination of Ma	nganese		Devices for the Pre-Dilution of Sev	wage at Sub-
PUBLIC HEALTH AND COMMUNITY		Water by Using O-Tolidine,			merged Outfalls,	
MEDICINE. Relative Efficiency of Cell Cultures for I	Detec-	W74-07315	7-14 2	2K	W74-13450	7-24 5D
tion of Viruses.	Jetec-	WATER PLANNING FOR ISRAEL LT	D TEL			
	5 A	AVIV.	D., IEL-		WATER RESEARCH ASSOCIATION	4,
		Corrosion Control on Borehole Water	er Pumps.		MARLOW (ENGLAND). The Removal of Organic Compo	unds in the
WASHINGTON UNIV., ST. LOUIS, MO.		W74-10844	7-20 8		Production of Potable Water.	unds in the
BIOMEDICAL COMPUTER LAB. Versatile Computer Generated Variable	a A.c.				W74-02265	7-05 5F
celerating Voltage Circuit for Magne		WATER POLLUTION CONTROL CO MILWAUKEE, WIS. (ASSIGNEE)	RP.,			
Scanned Mass Spectrometers. Use for A		Method for Installing Aeration	Systems	in	Planning and Operational Studies	
in the Picogram Range and for Assays of		Sewage Treatment Tanks.	systems	141	tegrated Use of Desalination. Case	e Studies for
Isotope Tracers,		W74-09176	7-17 5	5D	Cyprus and Jersey, W74-07308	7-14 3A
W74-01335 7-03	3 2K				W /4-0/308	7-14 3A
WASHINGTON UNIV., ST. LOUIS, MO.,		WATER POLLUTION CONTROL			Improved Dynamic Programing Pro	ocedures and
CENTER FOR THE BIOLOGY OF NATUR	AL	FEDERATION, WASHINGTON, D.C. TECHNICAL SERVICES.			Their Practical Application to Wa	ter Resource
SYSTEMS.		The Need for an Indicator Viru	s in Wat	ter	Systems,	
Sewage Farming,		Quality Testing,			W74-08013	7-15 6A
W74-01863 7-0	4 5D	W74-08880	7-17 5	5A	Quantitative Estimation of Disinf	ection Inter-
The Environmental Cost of Economic Gro	owth.	WATER POLLUTION RESEARCH L.	A D		ferences.	
	8 5G	STEVENAGE (ENGLAND).	AB.,		W74-10822	7-20 5D
D. W. L. Di M. L. D. H. W. LIL		The Chemistry of Cadmium in Nati	ural Water	r	P. C. I. D. C. I. D. I.	
Do Nuclear Plants Make Deadly Neighbor W74-09123 7-1	rs, 7 5G	I: A Study of Cadmium Complex			Precision and Bias of the Results	s of Dilution
W 74-09123 7-1	7 30	Using the Cadmium Specific-Ion Ele			Gaugings, W74-11517	7-22 7B
WASHINGTON UNIV., ST LOUIS, MO. DE	EPT.	W74-03775	7-08	5B	W/4-1131/	7-22 72
OF EARTH SCIENCES.		Nutrient Budgets in Rivers,			Computer Uses in Water Systems	: Conference
Evolution of Meander Loops,	15 2J	W74-03947	7-08	5C	Report.	
W74-07661 7-1	15 21				W74-12107	7-23 6A
WASHINGTON UNIV., ST. LOUIS, MO.		Aeration at Weirs.	7.00	**	Computer Uses in Water Systems	: Conference
PROGRAM IN TECHNOLOGY AND HUM	AN	W74-04113	7-08	30	Papers.	
AFFAIRS.		Apparatus for Control of Poison Co	oncentratio	ion	W74-12109	7-23 6A
Thermal Pollution and its Control, W74-04234 7-0	8 5B	in Toxicity Studies with Fish,				
W 74-04234 7-0	0 30	W74-06174	7-12	5C	Computer Uses in Water Systems:	Contributed
WASSER-KANALIS. KAMITATS HAJDU-		Utilization of Oxygen in Estuaries,			Papers. W74-12126	7-23 6A
BIHAR, DEBRECEN (HUNGARY).		W74-06540	7-13	5C	W 74-12120	1-23 UA
Data on the Hydrobiological Status of					Computer Assisted Quantitative Sp	pectrographic
Bodrog River Backwater at Sarospata Hydrochemistry,	ik: 11.	Oxygen in Estuaries: Requirement	s for Fish	he-	Analysis.	
	4 2K	ries,	7-13	**	W74-12137	7-23 5A
		W74-06542	7-13	30	Wind Driven Circulation in Shalle	ow Lakes: A
WASSERWIRTSCHAFTSDIREKTION HA	VEL,	The Chemistry of Cadmium in Nat	ural Wate	er	Finite Element Approach,	DW Lakes. A
POTSDAM (EAST GERMANY).	dan in	II. The Adsorption of Cadmium on			W74-12138	7-23 2H
Dissolved Oxygen and Primary Product Hypertrophic Shallow Lakes in the Dist		and Naturally Occurring Solids,				
the River Havel.	ilet of	W74-07420	7-14 2	2K	The Computer Simulation of the O	peration of a
	1 2K	The Design of Sampling Programme	es for Rive	ers	Bank of Rapid Gravity Filters,	7.32 ED
WACCEDWIDTCOW, PRODUCTOR		and Effluents,			W74-12141	7-23 5D
WASSERWIRTSCHAFTSDIREKTION MITTLERE ELBE-SUDE-ELDE, MAGDEB	URG	W74-10576	7-20	7A	WATER RESEARCH ASSOCIATION	N,
(EAST GERMANY).	CRO	The Hydrolysis of Urea in Rivers,			MARLOW, (ENGLAND). ECONOM	
Organisms in Public Water Mains and	Their	W74-10608	7-20	5B	An Integrated Model for the l	Planning and
Significance for Drinking Water as Foo					Operation of Water Systems,	7.22
German),		The Toxicity of Some Forms of	Copper	to	W74-12113	7-23 6A
W74-01898 7-0	94 5F	Rainbow Trout,	7.21	**	WATER RESEARCH LAB., LOGAN	i.
WATER AND WASTEWATER PLANTS,		W74-11315	7-21	36	The Economic Efficiency of	
DAYTONA BEACH, FLA.		The Toxicity of Zinc Sulphate	to Rainbo	ow	Agricultural Water Transfers	
Picking the Best Coagulant for the Job,		Trout in Very Hard Water,		**	Mathematical Programming Appro	
W74-13433 7-2	4 5D	W74-11321	7-21	3C	W74-05385	7-10 4A

WATER RESOURCE RESEARCH CENTER.	WATER RESOURCES COUNCIL, WASHINGTON, D.C. HYDROLOGY	WATERLOO LUTHERAN UNIV. (ONTARIO). DEPT. OF BIOLOGY.
Feasibility Study: Hydraulic Fracturing of	COMMITTEE.	A Recording Device for Measuring Respiratory
Drilled Water Wells to Stimulate Their Yield, W74-02659 7-06 8B	Essentials of Ground-Water Hydrology Per- tinent to Water-Resources Planning,	Movements of Aquatic Insects, W74-01996 7-04 21
WATER RESOURCES BOARD, LONDON	W74-10410 7-20 2F	W /4-01990 /-04 21
(ENGLAND), RESEARCH DIV.		WATERLOO UNIV. (ONTARIO).
Water Supply Problems and Future Resources,	WATER RESOURCES COUNCIL,	Emergence, Reproduction, and Growth of
W74-05864 7-11 6D	WASHINGTON, D.C. SEDIMENTATION COMMITTEE.	Setipalpian Plecoptera in Southern Ontario, W74-01359 7-03 5A
WATER RESOURCES BOARD OF ENGLAND	Notes on Sedimentation Activities, Calendar	Die Daties and Minim Bernand in the Court
AND WALES.	Year 1971. W74-04916 7-10 2J	Big Eddies and Mixing Processes in the Great Lakes,
Groundwater Resources of the Vale of Clwyd.	W74-04916 7-10 2J	W74-07926 7-15 5B
W74-05168 7-10 4B	WATER RESOURCES ENGINEERS, INC.,	717 35
W. TER PEGGURGES DO I DE PELENTO	WALNUT CREEK, CALIF.	Infiltration and Landfill Behavior,
WATER RESOURCES BOARD, READING	Optimal Allocation of Limited Water	W74-08083 7-15 5B
(ENGLAND). Artificial Recharge in United Kingdom with	Resources, W74-00179 7-01 6A	WATERLOO UNIV. (ONTARIO). DEPT. OF
Special Reference to London Basin,	W/4-001/9 /-01 6A	BIOLOGY.
W74-03225 7-07 4B	Development of Mathematical Modeling Capa-	The Responses to Current Flow of Two Stream
	bilities for the Vistula River Project, Poland,	Dwelling Triclads, Crenobia Alpina (Dana) and
The Hydrological Evaluation of Regional	W74-00218 7-01 10A	Polycelis Felina (Dalyell),
Water-Resource Systems in the United King-	Ground Water Quality Models: What They Can	W74-00971 7-02 21
dom,	and Cannot Do,	Diatom Flora of the Grand River, Ontario,
W74-06421 7-12 6B	W74-06944 7-13 5B	Canada.
Regional Development of Groundwater		W74-01311 7-03 5A
Resources in Combination with Surface	Ground-Water Quality Models: What They Can	
Waters,	and Cannot Do, W74-07933 7-15 5B	On the Characterization of the Parasite Fauna
W74-11464 7-22 4B	W /4-0/733 /-13 3B	of Yellow Perch (Perca fluviatilis L.) in Five Lakes, in Southern Ontario, Canada,
The Mannitude of Farmer at Flow Mannion	WATER RESOURCES ENGINEERS, WALNUT	W74-09541 7-18 5B
The Magnitude of Errors at Flow Measurement Stations,	CREEK, CALIF., AND HYDROLOGIC	
W74-11504 7-22 7B	ENGINEERING CENTER, DAVIS, CALIF.	Fungi in the Diet of Gammarus Pseudolimnaeus
7.22 7.2	Management of Urban Storm Runoff, W74-10395 7-20 5D	(Amphipoda), W74-13484 7-24 21
Systems and Techniques for Resource	W 74-10393 7-20 3D	W /4-13404 /-24 21
Planning,	WATER RESOURCES ENGINEERS, WALNUT	WATERLOO UNIV. (ONTARIO). DEPT. OF
W74-12114 7-23 6A	CREEK, CALIF.; HYDROLOGIC	CHEMICAL ENGINEERING.
WATER RESOURCES CENTER, BUDAPEST	ENGINEERING CENTER, DAVIS, CALIF.; SAN	Use and Production of Iron Salts for
(HUNGARY).	FRANCISCO CITY AND COUNTY DEPT. OF	Phosphorus Removal,
Induced Safety Algorithm for Hydrologic	PUBLIC WORKS, CALIF. A Model for Evaluating Runoff-Quality in	W74-07269 7-14 5D
Design under Uncertainty,	Metropolitan Master Planning,	WATERLOO UNIV. (ONTARIO). DEPT. OF
W74-08017 7-15 6A	W74-10396 7-20 5D	CHEMISTRY.
		Sampling Techniques in Chromatography,
WATER RESOURCES COUNCIL,	WATER SUPPLY MANAGEMENT,	W74-02372 7-05 7E
WASHINGTON, D.C. A Summary Analysis of Nineteen Tests of	BARRINGTON, ILL. (Water Well Contractor Survey).	WATERLOO UNIV. (ONTARIO). DEPT. OF
Proposed Evaluation Procedures on Selected	W74-09529 7-18 4B	CIVIL ENGINEERING.
Water and Land Resource Projects.		The Forecasting of Streamflow Using the
W74-02188 7-05 6B	WATER SURVEY OF CANADA, OTTAWA	Method of Characteristic Modes,
	(ONTARIO). Simple Method of Measuring the Average	W74-07178 7-14 4A
75 Water Assessment. Draft Plan of Study.	Amount of Water Produced Annually by Melt-	Watershed Modelling Using a Square Grid
W74-05626 7-11 6B	ing of Ice on a Glacier,	Technique,
The Role of Water in the Energy Crisis,	W74-09343 7-18 2C	W74-12105 7-23 2A
W74-07962 7-15 6D	WATER CURVEY OF CANADA WINNIBEC	WATERLOO UNIV. (ONTARIO). DEPT. OF
	WATER SURVEY OF CANADA, WINNIPEG (MANITOBA).	EARTH SCIENCES.
Water Resources Council Report on the Pearl	Measurement of Discharge Under Ice Cover.	Galerkin Solution of the Inverse Problem for
River Comprehensive Basin Study Mississippi	W74-11511 7-22 7B	Aquifer Transmissivity,
and Louisiana. W74-08522 7-16 4A		W74-00363 7-01 2F
W74-08522 7-16 4A	WATER TREATMENT CORF., CITT OF	Hudrogeologic Studies et a Subsurface
2 Objectives 4 Accounts,	INDUSTRY, CALIF. (ASSIGNEE). Method and Apparatus for Mixing Gases with	Hydrogeologic Studies at a Subsurface Radioactive-Waste-Management Site in West
W74-09154 7-17 6E	Water.	Central Canada.
	W74-05907 7-11 5F	W74-03239 7-07 5F
Principles and Standards for Planning Water		
and Related Land Resources. W74-09278 7-18 4A	WATERFRONT DEVELOPMENT BOARD,	WATERLOO UNIV. (ONTARIO). DEPT. OF MECHANICAL ENGINEERING.
W /4-072/0 /-18 4A	LANSING, MICH. Policy Plan for Development of Lansing's	Baroclinic Boundary Currents and Long Edge
Principles and Standards for Planning Water	Waterfront.	Waves in Basins with Sloping Shores,
and Related Land Resources (Final Environ-	W74-00742 7-02 3D	W74-01733 7-04 2F
mental Statement).		
W74-09279 7-18 4A	WATERLOO LUTHERAN UNIV. (ONTARIO).	WATERLOO UNIV. (ONTARIO). DEPT. OF
Missouri River Basin Commission, Annual Re-	Temperature Selection by Juvenile and Adult Yellow Perch (Perca Flavescens) Acclimated to	PSYCHOLOGY. A Sensitive Bio-Behavioral Assay for Methy
port for FY Ending June 30, 1972.	24 C.	Mercury,
W74-10511 7-20 6E	W74-01353 7-03 5A	W74-03572 7-07 5A

WATERLOO UNIV. (ONTARIO). DIV. OF ENVIRO	ONMENTAL	
WATERLOO UNIV. (ONTARIO). DIV. OF ENVIRONMENTAL STUDIES. Water Resource Development and Environ- ment - An Approach to Impact Analysis, W74-10122 7-19 6G	WEIZMANN INST. OF SCIENCE, REHOVOT (ISRAEL). Hammat Gader (Israel): Geochemistry of a Mixed Thermal Spring Complex, W74-10880 7-20 2F	WEST RIDING COUNTY COUNCIL, YORKSHIRE (ENGLAND). HIGHWAYS AND BRIDGES DEPT. Validity of the Modified Bilham Equation, W74-10572 7-20 2B
WATERLOO UNIV. (ONTARIO). RESEARCH INST. Integration of Physico-Chemical and Biological Waste-Water Treatment Processes, W74-08399 7-16 5D	WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL). DEPT. OF ISOTOPE RESEARCH. Tritium in Precipitation and Freshwater Sources in Israel, W74-13444 7-24 5B	WEST VIRGINIA DEPT. OF NATURAL RESOURCES, CHARLESTON. Stream Flow Characteristics of: Greenbrier River Sub-Basin, W74-12323 7-23 7C
WATERLOOPKUNDIG LABORATORIU, DELFT (NETHERLANDS). Errors in Measurement of Flow by Velocity Area Methods, W74-11560 7-22 7B	WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL). ISOTOPE DEPT. Chemical Ecology: Evidence for Phosphate as the Only Factor Limiting Algal Growth in Lake Kinneret, W74-04685 7-09 5C	WEST VIRGINIA UNIV., MORGANTOWN. Reduction in Moisture and Daily Removal of Wastes from Caged Laying Hens, W74-09677 7-18 5D
WATERLOOPKUNDIG LABORATORIUM, DELFT (NETHERLANDS). Transport Patterns in the Chao Phya Estuary, W74-03693 7-07 2L	WELLAND AND NENE RIVER AUTHORITY (ENGLAND). General Engineering Computer Use at the Welland and Nene River Authority,	Activated Carbon Adsorption of Petrochemicals, W74-11086 7-21 5D WEST VIRGINIA UNIV., MORGANTOWN.
Hurricane Storm Surge Considered as a Resonance Phenomenon, W74-04332 7-09 2L Littoral Drift as Function of Waves and Cur-	W74-12131 7-23 4A WELLINGTON CITY CORP. (NEW ZEALAND). WORKS DEPT. Moina Sp. (Cladocera: Moinidae) in a Sewage	DEPT. OF BIOLOGY. The Effects of Acid Mine Water on Growth (Number and Size) of Chlorelia vulgaris, W74-02168 7-05 5C
rent, W74-04623 7-09 2J Influence of Suction and Blowing on Entrain-	Plant, Wellington, Referred to Moina tenuicornis Sars, 1896 (Note), W74-07569 7-14 5A WELLSBACH OZONE SYSTEMS CORP.,	The Growth of Chlorella vulgaris in Sewage and Acid Mine Water, W74-02169 7-05 5C
ment of Sand Particles, W74-09616 7-18 2J WATERMASTER INDUSTRIES LTD., LONDON	PHILADELPHIA, PA. Ozone Decolorization of Effluents from Secondary Treatment,	A Comparative Study of Plankton Respiration in an Acid Polluted Lake and Its Acid Free Em- bayments, W74-03935 7-08 5C
(ONTARIO). (ASSIGNEE). Floating Skimmer, W74-03005 7-06 5G	W74-11095 7-21 5D WELSBACH OZONE SYSTEMS CORP., PHILADELPHIA, PA.	An Analysis of the Zooplankton Community in an Acid Polluted Reservoir,
WATSON (J. D. AND D. M.), LONDON (ENGLAND). The Control of Wastewater and Oil Discharges to the Sea with Particular Regard to Studies Recently Carried Out in Singapore's Southern	Ozone Disinfection of Industrial-Municipal Secondary Effluents, W74-06159 7-12 5D WELSH PLANT BREEDING STATION. AGRICULTURAL RESEARCH COUNCIL.	W74-03938 7-08 5C Primary Productivity in Relation to Chemical Parameters in Cheat Lake, West Virginia, W74-04089 7-08 5C
Coastal Waters, W74-08472 7-16 5G WAYNE COMMUNITY COLL., GOLDSBORO, N.C.	ABERYSTWYTH(WALES). Potential Pasture Production in the Uplands of Wales: I. Climatic Variation, W74-13454 7-24 3F	Micro-Ecosystems Simulation of Primary Production in Thermal and Acid Mine Water Loadings Related to Water Use of the Monon- gahela River, W74-06507 7-13 5C
An Evaluation of Striped Bass Fingerling Culture, W74-07002 7-13 8I WAYNE STATE UNIV., DETROIT, MICH.	WESCOR, INC., LOGAN, UTAH. Sensing of Moisture Content in Soil, W74-10592 7-20 2G	WEST VIRGINIA UNIV., MORGANTOWN. DEPT. OF CIVIL ENGINEERING. Evaluation of the Bio-Disc Treatment Process
DEPT. OF BIOLOGY. Species Diversity of Chydorid Fossil Communities in the Mississippi Valley, W74-03941 7-08 5C	A Dewpoint Hygrometer for Water Potential Measurement, W74-13407 7-24 7B WEST ALABAMA PLANNING AND	for Summer Camp Application, W74-01118 7-03 5D WEST VIRGINIA UNIV., MORGANTOWN.
WAYNE STATE UNIV., DETROIT, MICH. DEPT. OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH. Trace Metals in Asbestos Carcinogenesis,	DEVELOPMENT COUNCIL, TUSCALOOSA. Lamar County: Land Use Survey and Analysis, Land Use Plan, Housing, Water and Sewer, Open Space. W74-00750 7-02 5D	DEPT. OF ECONOMICS. The Political Influence of Residential Consumers on Water Rates, W74-12786 7-24 6C
W74-12488 7-23 5A WEATHER SCIENCE, INC., NORMAN, OKLA. Project CUM IIStudies of the Rain Parameters of Randomly Seeded Warm and Cold Cumuli.	WEST PAKISTAN AGRICULTURAL UNIV., LYALLPUR. DEPT. OF AGRONOMY. Water Requirements of Wheat and Cotton on a High Water Table Soil Under Arid Conditions, W74-01595 7-03 3F	WEST VIRGINIA UNIV., MORGANTOWN. DIV. OF PLANT SCIENCES. Response of Corn to Time and Rate of Phosphorus and Zinc Application, W74-10337 7-19 3F
W74-09370 7-18 3B WEAVER ENTERPRISES, WATERLOO, N.Y. Savannah Muck DikesRestoration Feasibility Study. W74-12638 7-23 8A	WEST PAKISTAN UNIV. OF ENGINEERING AND TECHNOLOGY, LAHORE. Head Drop Across Bar Screens, W74-08092 7-15 5D	WEST VIRGINIA UNIV., MORGANTOWN. DIV. OF RESOURCE MANAGEMENT. Potential Citizen Initiated Legal Action Against Agricultural Pollution, W74-09671 7-18 5G

WEST PAKISTAN UNIV. OF ENGINEERING

AND TECHNOLOGY, LAHORE. DEPT. OF

Sewer Line Design Based on Critical Shear

7-20 8B

SANITARY ENGINEERING.

Stress, W74-10611

7-09 5B

WEST VIRGINIA UNIV., MORGANTOWN.

A Diversity Indices Computer Program for Use

7-22 7C

WATER RESEARCH INST.

W74-11463

in Aquatic Systems Evaluation,

lution,

W74-04513

OF CHEMISTRY.

WEBER STATE COLL., OGDEN, UTAH. DEPT.

Environmental Chemistry: Air and Water Pol-

WESTERN MICHIGAN UNIV., KALAMAZOO.

Beach Changes, on the Central Texas Coast Associated with Hurricane Fern, September,

DEPT. OF GEOLOGY.

WESTCHESTER COMMUNITY COLL., VALHALLA, N.Y. DEPT. OF CHEMISTRY. Trace Metals in Sediments of New York Bight, W74-06012 7-12 5A

7-12 5A

WIDEN (R. J.) CO., NORTH ADAMS, MASS.

Program Development Plan for the Mesa-New

7-14 6B

WESTINGHOUSE OCEANIC DIV.,

York Bight Regional Project.

ANNAPOLIS, MD.

	AGENGR		1971,			W /4-0/0/8	7-14	OR
WESTCHESTER COUNTY WATER WHITE PLAINS, N.Y.			W74-03433	7-07	-	WESTINGHOUSE RESEARCH LAB.,		
An Old Pipe Line Brought Back to		O TC	WESTERN NEW YORK NUCLEAR R	ESEAR	CH	PITTSBURGH, PA.	On Heating	
W74-02134	7-04 8	8F	CENTER, INC., BUFFALO.			Power Plant Effluent - Thermal I Energy at a Bargain Price,	'ollution	or
WESTERN AUSTRALIA UNIV., NE			Preparation of Biological Samples	for Neu	tron	W74-02888	7-06	5B
Economic Development of the	e Australi	an	Activation Analysis of Mercury, W74-06786	7-13	5.4			
Coastal Deserts, W74-06484	7-12	c D	W 74-00760	7-13	JA	WESTON AND STACK, INC., MALVI Stabilization Oxygen Demand.	ERN, PA	١.
W /4-00484	7-12	OD	WESTERN WASHINGTON RESEARC	CH AND)	W74-12188	7-23	SA
WESTERN AUSTRALIA UNIV., NI	EDLANDS.		EXTENSION CENTER, PUYALLUP.			W 74-12100	1 63	221
DEPT. OF AGRONOMY.			Metal Coordination Compo	unds	of	WESTON (ROY F.), INC., WEST CHI		
Establishment of Green Panic as			Thiabendazole,			Treatment of Oily and Metal-Contai	ning Wa	ste-
Type, Amount and Placement Mulch,	of Vegetati	ve	W74-05490	7-11	5A	water, W74-03852	7-08	¢D.
W74-12700	7-23	3F	WESTERN WASHINGTON STATE C	OLL.,		W 14-03832	7-00	3D
			BELLINGHAM. DEPT. OF GEOLOG			Interstate Planning for Regional W	ater Sur	pply
WESTERN AUSTRALIA UNIV., NI	EDLANDS.		Source of Recent Nearshore Ma	rine Cl	ays,	and Pollution Control.		
DEPT. OF CIVIL ENGINEERING. Sediment Transport and Accretic	on Around t	ha	Southeastern United States,			W74-05108	7-10	SD
Coastlines of Japan.	m Around t	ine	W74-07238	7-14	2L	Least Cost Design of Branched Pi	pe Netw	ork
W74-03690	7-07	2L	WESTFIELD COLL., LONDON (ENG	LAND		System,		
			DEPT. OF BOTANY.	LAND	•	W74-11647	7-22	8B
WESTERN AUSTRALIA UNIV., NI			The Heterocyst,			Missobiological Inhibition Tarting P	roor de	
DEPT. OF SOIL SCIENCE AND PL NTURITION.	ANT		W74-12574	7-23	5C	Microbiological Inhibition Testing P W74-12189	7-23	
Artificial Weathering of Oxidize	d Biotite: 1	V.					. 43	211
The Inhibitory Effect of Potassiu			Gas Vacuoles,			WEYERHAEUSER CO., EVERETT, V		
tion Rate,			W74-12578	7-23	5C	Inplant pH Control Permits Optimu	ım Aera	tion
W74-10209	7-19	2G	WESTFIELD COLL., LONDON (ENG	LAND		Efficiency,	7 10	sp.
WESTERN AUSTRALIA UNIV., NI	EDI ANDO		DEPT OF ZOOLOGY.	EARD)	•	W74-09445	7-18	30
DEPT. OF SOIL SCIENCE AND PL			Distribution Patterns and Populatio	n Dvan	mics	WEYERHAEUSER CO., MIQUON, P.	A.	
NUTRITION.			of the Micro-Arthropods of a De			Enzyme-Enhanced Turbidity Remo	val Thro	ough
Lateritic Deep Weathering of Gra	inite,		Southern California,			Primary Treatment,		
W74-05929	7-11	2G	W74-01635	7-03	21	W74-00783	7-02	5D
WESTERN AUSTRALIA HAIR M	EDI ANDO		HIPOTRICHOUSE EL POTRIC CORRE		T.P.	Recycling Fine-Paper Mill Effluen	t by Mo	eans
WESTERN AUSTRALIA UNIV., NI INST. OF AGRICULTURE.	EDLANDS.		WESTINGHOUSE ELECTRIC CORP	., LEST	EK,	of Pressure Filtration,	. cy mac	
Determination of Low Conc	entrations	of	PA. Conceptual Design Study of a 200	Million	Cal	W74-00784	7-02	5D
Cobalt in Plant Material by Aton			lon Per Day VTE/MSF Desalination					
Spectrophotometry,			Prototype Module,	ni i iani	anu	WHEAT RESEARCH AND TRAINING	G CENT	ER,
W74-01356	7-03	2K	W74-12207	7-23	3A	ANKARA (TURKEY). Wheat Production Problems and P	otential	s on
WESTERN AUSTRALIAN INST. O	E TECH					Drylands,	otentials	o ou
PERTH. DEPT. OF MEDICAL TEC		7.	WESTINGHOUSE ELECTRIC CORP	•,		W74-05221	7-10	3F
Microbial Culture Media Prepara			PITTSBURGH, PA. Trace Metals Investigations,			WHITE AND HOW AND INC. BA	OCTON	
W74-01505	7-03	5A	W74-07655	7-15	5B	WHITMAN AND HOWARD, INC., BO MASS.	JSTUN,	
WESTERN CO., DALLAS, TEX.			W 74-07033	1-13	213	Small Town Spends a Big \$8 Million	0	
Using Improved Technology to	Obtain Bet	ter	Geological Investigations,			W74-09711	7-18	5D
Cement Jobs on Deep, Hot Liner			W74-07657	7-15	5B			
W74-07878	7-15	8F	0.1			This Water Filter Cleans Itself,	224	CD
WESTERN ELECTRIC CO. INC.	NEW YOR		Submerged Turbine Aerator,	7 16	en	W74-13332	7-24	SD
WESTERN ELECTRIC CO., INC., Some Useful Ideas on Waste Wa			W74-08027	7-15	30	WHITTENBURG, VAUGHAN ASSOC	CIATES.	
W74-08355	7-16		Applications of Waste Processing	System	s for	INC., LANDOVER, MD.		
		-	Pressurized Water Reactors,			State-County Interagency Procedu		
WESTERN FOREST PRODUCTS I			W74-08349	7-16	5D	posing Environmental Quality (on
VANCOUVER (BRITISH COLUMI		tod	WESTINGHOUSE ELECTRIC CORP.			Water-Oriented Development Activ W74-12751	7-24	50
Forest Products Pollution Contro Bibliography (Excluding Pulp and		icu	WESTINGHOUSE ELECTRIC CORP PITTSBURGH, PA. (ASSIGNEE).	••		(*12/31	1-24	30
W74-05284	7-10	5B	Apparatus for Treating Industrial a	nd Dom	estic	WHITTINGTON HOSPITAL, LONDO		
			Waste Waters,	2011	- Jule	(ENGLAND). DEPT. OF CHEMICAL		
An Effective Method for the Iso			W74-04707	7-09	5D	PATHOLOGY.		
fluents,	ruip Mill	EI-				Liver Zinc in Carcinoma, W74-07690	7-15	SC
W74-06382	7-12	5D	Waste and Water Treatment System					
			W74-05905	7-11	5D	WICHITA STATE UNIV., KANSAS.	DEPT. O	F
WESTERN MICHIGAN UNIV., KA	LAMAZOC).	System for Treating Dilute Slurries			CHEMISTRY.		
DEPT. OF BIOLOGY.	4.6	To	W74-09188		5D	Gold Twin-Electrodes in Thin-I	ayer F	:lec-
The Use of Aquatic Macroinver dicators of Stream Pollution,	tebrates as	ın-				trochemistry, W74-05475	7-11	21/
W74-01742	7-04	5B	WESTINGHOUSE OCEAN RESEARC	CH LAB	i.,	H 14-03473	7-11	-1
			ANNAPOLIS, MD.			WIDEN (R. J.) CO., NORTH ADAMS		
Relationships Between Phosph		cu-	Current Status of Research on th		gical	A Tanner Looks at the Federal Wa	ter Polle	ition
mulation in Algae, Bacteria, and W74-05206		50	Effects of Pesticides in Chesapeako W74-00923		21	Control Act Amendments of 1972, W74-08863	7-17	50
W 74-03200	7-10	30	W /4-00923	7-02	2L	W /4-08803	/-1/	30

WILBUR SMITH AND ASSOCIATES, DEN	VER,	WINDSOR UNIV. (ONTARIO). DEPT. OI ENGINEERING.	CIVIL	WISCONSIN STATE UNIV., OSHKOSH. DEPT. OF GEOLOGY.
User Charges and Industrial Cost Reco	overy,	Potentials of Tidal Power on the North	Atlantic	Groundwater Recharge with Treated Waste- water,
Denver SMSA, W74-07370 7-14	4 5D	Coast in Canada and United States, W74-04972	-10 2L	W74-05552 7-11 5D
WILEY AND WILSON, INC., LYNCHBURG		A Numerical Model for Flow Past a Sp W74-12103	ur-Dike, -23 8B	The Effect of an Artificial Lake Development Complex on the Groundwater System, W74-09591 7-18 5B
Emergency Planning for Municipal Waste Treatment Facilities,	ewater	WINDSOR UNIV., (ONTARIO). DEPT. O	F	WISCONSIN UNIV. CENTER, MARINETTE.
W74-06577 7-1	3 5D	GEOGRAPHY. November 1972 Floods on the Lowe		Investigation of a Northeastern Wisconsin Lake Ecosystem: An Interdisciplinary Ap-
Start-Up of Municipal Wastewater Trea Facilities.	atment	Lakes,		proach. Phase II-Management Problems and
	3 5D	W74-10050 7	-19 2H	Alternatives, W74-02662 7-06 6B
Maintenance Management Systems for	r Mu-	WINDSOR UNIV. (ONTARIO). DEPT. O	F	WISCONSIN UNIV., GREEN BAY.
nicipal Wastewater Facilities,		GEOLOGY. Water Release from the Base of	Active	ECOSYSTEMS ANALYSIS.
W74-06579 7-1	3 5D	Glaciers,		Determination of Nitrite and Nitrate Ions in
WILLIAM PATERSON COLL. OF NEW		W74-05728	7-11 2C	Natural Waters Using Aromatic Ortho Diamines as Reagents,
JERSEY, WAYNE. DEPT. OF GEOGRAPH ERTS-1 Applied for Structural and Morp		WINDSOR UNIV. (ONTARIO). INDUSTI	RIAL	W74-09809 7-19 5A
ical Investigations Case Studies: (1) Lo		RESEARCH INST.		WISCONSIN UNIV., KENOSHA. DEPT. OF
geles, California and (2) Coastal Plain	, New	The Effects of Household Sanitary Sy Effluent Phosphate Levels,	stems on	GEOLOGY.
Jersey, W74-06690 7-1	3 7C		7-14 5D	Proposal for a Particle-Size Grade Scale Based on 10.
		WINNIPEG WATERWORKS, WASTE,	ND	W74-05719 7-11 2J
WILLIAMS AND WORKS, GRAND RAPII MICH.)5,	DISPOSAL DIV. (MANITOBA).		WISCONSIN UNIV., MADISON.
Recycling Municipal Sludges and Efflue	ents on	Further Field Investigation on	Aerated	Long Waves in Shallow Triangular Channels, W74-02158 7-05 2E
Land, W74-05982 7-1	2 5D	Lagoons in the City of Winnipeg, W74-10167	7-19 5D	
	2 30			Toxaphene Accumulation in Fish in Lakes Treated for Rough Fish Control,
WILLIAMS AND WORKS, INC., GRAND RAPIDS, MICH.		WINTHROP COLL., ROCK HILL, S.C. OF ECONOMICS.	DEPT.	W74-02425 7-05 5C
Utilization of Spray Irrigation for Wast	lewater	An Industrial Pollution Index,		Floodplain Lands for Parks and Recreation: A
Disposal In small Residential Developme		W74-03889	7-08 5G	Case Study of Milwaukee,
W74-12894 7-2	24 5D	WISCONSIN COOPERATIVE FISHERY	UNIT,	W74-03491 7-07 6B
WILLIAMS (CLYDE E.) AND ASSOCIATE INC., SOUTH BEND, IND.		STEVENS POINT. Influence of Appearance of Prey and	Satiation	The Use of ERTS-1 Data for the Inventory of Critical Land Resources for Regional Land Use
Saginaw County Water and Wastewater	Utility	of Predator on Food Selection by	Northern	Planning, W74-06634 7-13 4A
Master Plan. W74-05243 7-1	10 5D	Pike (Essox lucius), W74-06102	7-12 8I	
WILLIAMS COLL., WILLIAMSTOWN, M	2241			Waste Water Treatment in Commercial Fish Processing: Reducing Stick Water Loadings,
Coastal Processes and Beach Dynam		WISCONSIN DEPT. OF NATURAL RESOURCES, MADISON.		W74-07270 7-14 5D
Sheboygan, Wisconsin, July, 1972,		Evaluation of Commercial Fishery Po	tential of	Applications of Growth and Sorption Algal As-
W74-01130 7-0	03 2H	Wisconsin's Boundary Waters of Lak	e Superi-	says,
A Profile of the Four Moment Measur		or-Walleye, W74-00094	7-01 8I	W74-08154 7-16 5C
pendicular to a Shore Line, South I Michigan,	Haven,			How Well do Engineers Forecast Demands,
	3 2H	Mercury Contents of Bottom Sedime Wisconsin Rivers and Lakes,	ents from	W74-08905 7-17 5G
Controlling Pollution by Price and St	tandard		7-13 5B	Some Historical Statistics Related to Future Standards.
Systems: A General Equilibrium analysis	5,	Mercury Levels in Wisconsin Fish,		W74-09505 7-18 5D
W74-09561 7-	18 5G		7-13 5B	Pitfalls in Parameter Estimation for Oxygen
Coastal Processes and Depositional Patte	erns on	WISCONSIN DEPT. OF NATURAL		Transfer Data,
Cape Ann, Massachusetts, W74-10371 7-	-20 2J	RESOURCES, MADISON. BUREAU OF RESEARCH.		W74-09514 7-18 5A Land Drainage of Reddish Clay Loams,
WILLISTON WATER DEPT., N. DAK.		Mercury Levels in Fish from Selected	Wiscon-	W74-10879 7-20 - 3F
Jet Pump Stops Sand Clogging,		sin Waters (A Preliminary Report), W74-09371	7-18 5A	Methylation of Mercury in Lake and River
W74-10831 7-	20 8C	W /4-093/1	7-10 JA	Sediments During Field and Laboratory In-
WILSON AND CO., SALINA, KANS.		WISCONSIN DEPT. OF NATURAL	OUBCEC	vestigations, W74-10924 7-21 5B
Municipal Desalting Studies for Selecte sas Communities,	d Kan-	RESOURCES, MADISON. WATER RES PLANNING SECTION.	OURCES	
	01 5F	Estimating Regional Wastewater	reatment	W.A.L.R.U.S. Water and Land Resource Utilization Simulation Player's Manual
WINDSOR UNIV. (ONTARIO). DEPT. OF		Costs, W74-00169	7-01 5D	(Wisconsin Version), W74-11041 7-21 6A
CHEMISTRY.			DEPT	
Pyridine Ketoximes as Analytical Re The Spectrophotometric Determinati	-	WISCONSIN STATE UNIV., OSHKOSH OF GEOGRAPHY.	. DEFT.	WISCONSIN UNIV., MADISON; AND WISCONSIN DEPT. OF NATURAL
Cobalt with 2-Pyridyl-2-Thienyl-Beta-		Discharge Patterns in Two Crevasse	es of the	RESOURCES, MADISON.
ime, W74-02364 7-	05 5A	Mississippi River Delta, W74-05548	7-11 2L	Dilutional Pumping at Snake Lake, Wisconsin, W74-04108 7-08 5C

WISCONSIN UNIV., MADISO AGRICULTURAL AND LIFE		WISCONSIN UNIV., MADISON. DEPT BOTANY.	r. OF	WISCONSIN UNIV., MADISON. DEP METEOROLOGY.	T. OF
Paper Mill Sludge Disposal of		Field Studies on Photosynthesis of (Cladophora	Summertime Temperature and Circ	ulation Pat-
the Yield and Mineral Nutrit		Glomerata (Chlorophyta) in Green		terns in Lake Superior,	
satival.), W74-04519	7-09 5E	Michigan, W74-03274	7-07 5C	W74-07338	7-14 2H
Soil Mottling and Drainage	in a Mollic Haplu-	Multivariate Approaches to Algal		WISCONSIN UNIV., MADISON, DEP PATHOLOGY.	T. OF
dalf as Related to Suitability	ty for Septic Tank	and Tactics in Systems Analysis of F	Phytoplank-	Neurological Changes in Cats Follo	
Construction, W74-10212	7-19 5B	ton, W74-06047	7-12 SC	Term Diet of Mercury Contaminate W74-08200	d Tuna, 7-16 5C
		WISCONSIN UNIV., MADISON. DEPT	r. OF		
WISCONSIN UNIV., MADISO		CIVIL AND ENVIRONMENTAL		WISCONSIN UNIV., MADISON. DEP POLITICAL SCIENCES.	1.01
AGRICULTURAL ECONOMIC Aquaculture: Economic Fea		ENGINEERING.		Toward a Political Science of Water	r Resources
Lakes Area,	sionity in the Oreat	Dispersion of Substances from Wel		Decisions,	
W74-05648	7-11 6B	Operations in an Anisotropic, Ho Confined Aquifer,	mogeneous	W74-13063	7-24 6B
Environmental Impact Anal	ysis: An Examina-	W74-02454	7-05 2F	WISCONSIN UNIV., MADISON. DEF	T. OF SOIL
tion of Three Methodologies		New Methods of Nitrite and Nitra	te Analysis	SCIENCE.	
W74-07339	7-14 6G	for Natural Waters,	,	Propagation of Sinusoidal Solute D	
Evaluation of Water Resor	rces Development	W74-06836	7-13 5A	lations in the Mobile and Stagnant Soil,	Phases of a
Projects: The State-Of-The		Planar and Axisymmetric Bottom	Withdrawal	W74-00604	7-02 2G
Directives,	Titt and Emerging	from a Density-Stratified Reservoir,		Washing Pages in Walface	m and Manu
W74-11587	7-22 6B	W74-07340	7-14 4A	Unstable Wetting Fronts in Uniform niform Soils.	n and Nonu-
Parameter Values for Benefi	it-Cost Analysis	Biological Treatability of Landfill Le	eachate	W74-00605	7-02 2G
W74-11589	7-22 6B	W74-11857	7-22 5D		
	, 22 02			Nitrogen Transformations During	
Project Impact Evaluation,		Water Quality Improvement of Str		Disposal of Septic Tank Effluents Soil Transformations.	in Sands: 1
W74-11624	7-22 6B	poundments by Selective Withdraw tom Waters,	wal of Bot-	W74-02147	7-04 5E
WISCONSIN UNIV., MADISO	N. DEPT. OF	W74-12370	7-23 5G		
AGRICULTURAL ECONOMI				Nitrogen Transformations During Disposal of Septic Tank Effluent	
WISCONSIN UNIV., MADISO	N. DEPT. OF	Planning Methodology for the Des gional Waste Water Treatment Syste		Ground Water Quality,	in Sands: 11
FORESTRY.		W74-13018	7-24 5D	W74-02148	7-04 5E
Interregional Impacts of Alt					
icies for Irrigation in Wester W74-12002	n United States, 7-23 3F	Chemical Treatment of Leachates f	rom Sanita-	Contribution of Developed a	
W 74-12002	1-23 3E	ry Landfills, W74-13305	7-24 SD	Marshland Soils to Surface and Water Quality,	Subsurface
WISCONSIN UNIV., MADISO				W74-02327	7-05 SE
AGRICULTURAL ENGINEER		WISCONSIN UNIV., MADISON. DEP	T. OF	Minney Pinning in I she Collins	
Solid Manure Handling for I	Dairy Cattle, 7-19 5D	ECONOMICS. Common Property, Congestion, an	d Pavison	Nitrogen Fixation in Lake Sedime tribution to Nitrogen Budget of Lal	
W74-10305	7-19 31	mental Pollution,	id Liiviion-	W74-02924	7-06 50
Managing Barnyard Runoff	for Dairy Cattle,	W74-03958	7-08 6G		
W74-10306	7-19 5D	WISCONSIN UNIV., MADISON. DEP	TOF	Effect of Phosphate and Chloride	Salts on Am
WISCONSIN UNIV., MADISO	N. DEPT. OF	ECONOMICS; AND WISCONSIN UNI		monification in Waterlogged Soils, W74-03445	7-07 20
AGRONOMY.	iii. DEL I. OF	MADISON. DEPT. OF AGRICULTUR			
Response of Irrigated Corn	to Time, Rate, and	ECONOMICS.		Acetylene-Reduction Assay of	
Source of Applied N on San	dy Soils,	Economic Growth Vs. Environmen	ntal Protec-	Nitrogen Fixation by Sediments Wisconsin Lakes,	of Selected
W74-10338	7-19 3F	tion: What Will be the Outcome, W74-05644	7-11 6C	W74-05400	7-10 5H
WISCONSIN UNIV., MADISO	N. DEPT. OF				
BACTERIOLOGY.		WISCONSIN UNIV., MADISON. DEP	T. OF	Nitrogen Transformations in Sedin	ments as Af
Algal Excretion of C-14-L	abeled Compounds	ENTOMOLOGY. Isomerization of Gamma-BHC to	AI PHA.	fected by Chemical Amendments, W74-05485	7-11 5E
and Microbial Interactions	in Cyanidium cal-	BHC in the Environment,	o ALIHA-	W 14-03483	7-11 31
darium Mats, W74-01510	7-03 5C	W74-00264	7-01 5B	Methane Formation by Lake Sedin	nents During
W 74-01310	7-03 3C	WIGGOVERN VINEY MARIEON REPORT		in Vitro Incubation,	7
Bacterial Decomposition	Processes in Lake	WISCONSIN UNIV., MADISON. DEP FOOD SCIENCE.	1. OF	W74-05487	7-11 5I
Wingra Sediments During W		Wastewater Abatement in Canning	Vegetables	Nitrogen and Phosphorus Release	from Decay
W74-03592	7-07 5A	By IQB Blanching,		ing Water Milfoil,	
Effects of Thermal Additi	ons from the Yel-	W74-10545	7-20 SD	W74-06018	7-12 50
lowstone Geyser Basins on	the Benthic Algae	WISCONSIN UNIV., MADISON. DEP	T. OF	A Comparison of Hydraulic Condu	ctivities Cal
of the Firehole River,		MATHEMATICS.		culated with Morphometric as	nd Physica
W74-06046	7-12 5C	Water Waves at the Shoreline,		Methods, W74-06899	7.12 20
Effect of Molybdenum St	arvation and Tung-	W74-00526	7-01 2E	H /4-00877	7-13 20
sten on the Synthesis of	Nitrogenase Com-	On Singular Boundary Value Probl	ems for the	Methylmercury Formation in Mer	cury-Treate
ponents in Klebsiella pneum		EPD Equation,		River Sediments During in Situ Eq	
W74-11713	7-22 SC	W74-03617	7-07 2E	W74-07425	7-14 51
Evolutionary and Ecologic	al Aspects of the	Contributions to the Theory of Sur	face Waves	Protocol for Evaluating the Nitrog	gen Status o
Cyanophytes,		on a Viscous Fluid,		Lake Sediments,	
W74-12586	7-23 5C	W74-03901	7-08 2E	W74-09065	7-17 50

7-12 6B

W74-06471

7-13 5C

WISCONSIN LINIV., MADISON, DEPT, OF SOIL SCIENCE.

Wisconsine divine, management and the control		
Fission Particle Tracks in Micas and Micaceous Vermiculites as Related to Chemical Weather-	Social Interaction Between Juvenile Coho (On- corhynchus kisutch) and Fall Chinook Salmon	WISCONSIN UNIV., MADISON. WATER RESOURCES CENTER.
ing and Cation Exchange Properties, W74-10214 7-19 5A	(O. tshawytscha) in Sixes River, Oregon, W74-07040 7-13 21	The Water Resources Information Program at the University of Wisconsin.
Concentration of Heavy Metals in Sediment	WISCONSIN UNIV., MADISON. LAND TENURE	W74-00204 7-01 10A
Cores from Selected Wisconsin Lakes,	CENTER.	Bioassay Analysis of Nutrient Availability,
W74-11915 7-22 5B	Institutional Factors in the Creation of Local Sanitary Districts in Wisconsin.	W74-01803 7-04 5C
Relation of Climate to Leaching of Solutes and	W74-09811 7-19 5D	WISCONSIN UNIV., MADISON. WATER
Pollutants Through Soils, W74-12645 7-23 5B	WISCONSIN UNIV., MADISON. MARINE RESEARCH LAB.	RESOURCES MANAGEMENT PROGRAM. Hydrogeology is More Than a Classical
Nitrogen Transformations and Availability of	Sedimentation and Scour Off Nuclear Power	Science, W74-09090 7-17 2A
an Anaerobically Digested Sewage Sludge in Soil.	Plants, W74-02645 7-05 2J	W74-09090 7-17 2A
W74-13163 7-24 5B	WISCONSIN UNIV., MADISON.	WISCONSIN UNIV., MILWAUKEE. AIR
WISCONSIN UNIV., MADISON. DEPT. OF SOILS.	MATHEMATICS RESEARCH CENTER. Surface Wave Resonance on Continental and	POLLUTION ANALYSIS LAB. ERTS-1 Views the Great Lakes, W74-02602 7-05 7B
Physico-Chemical and Microbial Reaction Ef-	Island Slopes,	
fects on Transport in Porous Media, W74-12850 7-24 5B	W74-03616 7-07 2E	WISCONSIN UNIV., MILWAUKEE. CENTER
WISCONSIN UNIV., MADISON. DEPT. OF	SURF, W74-04725 7-09 2J	FOR GREAT LAKES STUDIES. A Contribution to the Ecology and Distribution
WATER CHEMISTRY.	WISCONSIN UNIV., MADISON. SCHOOL OF	of Aquatic Acari in the St. Lawrence Great Lakes.
Phosphorus Studies in Lower Green Bay, Lake Michigan,	NATURAL RESOURCES.	W74-03314 7-07 5C
W74-09435 7-18 5C	Economics and Economists in Water Resource Development,	A Numerical Model for Determining Integral
WISCONSIN UNIV., MADISON, DEPT. OF	W74-13061 7-24 6B	Primary Production and Its Application to Lake
ZOOLOGY.	WISCONSIN UNIV. MADISON. SCHOOL OF	Michigan, W74-04786 7-09 5C
Thermal Effects on Biological Production in a Pond.	PHARMACY.	***************************************
W74-04861 7-10 5C	Use of Multiple R Sub F Values for Identifica- tion by Paper and Thin-Layer Chromatography,	Seasonal and Spatial Changes in Primary Production and Nutrients in Lake Michigan,
WISCONSIN UNIV., MADISON. GEO- ENVIRONMENTAL AND MINERAL	W74-05307 7-10 5A	W74-07773 7-15 5C
RESOURCES PROGRAM.	WISCONSIN UNIV., MADISON. SEA GRANT COLLEGE PROGRAM.	Distribution of Phosphorus, Silica, Chlorophyll
Investigation of the Sediments and Potential	Our Great Lakes,	 a, and Conductivity in Lake Michigan and Green Bay,
Manganese Nodule Resources of Green Bay, Wisconsin,	W74-10784 7-20 5C	W74-08000 7-15 5C
W74-07652 7-15 2J	Underwater Copper Exploration in Lake Su-	WISCONSIN UNIV., MILWAUKEE. COLL. OF
WISCONSIN UNIV., MADISON. INLAND LAKE DEMONSTRATION PROJECT.	perior Prospects Mapped in 1971, W74-11392 7-21 5B	APPLIED SCIENCE AND ENGINEERING. Drawdown at Time-Dependent Flowrate,
A State/Local Lake Rehabilitation Program: A	WISCONSIN UNIV., MADISON. SEA GRANT	W74-01155 7-03 2F
Proposed Bill and Commentary, W74-03196 7-06 5G	MINERALS PROGRAM. The Distribution of Trace Metals in the Surfi-	WISCONSIN UNIV., MILWAUKEE. DEPT. OF
WISCONSIN UNIV., MADISON. INST. FOR	cial Sediments Surrounding Keweenaw Point, Upper Michigan,	BOTANY. Environmental Status of the Lake Michigan
ENVIRONMENTAL STUDIES. Parkland Planning and Lake Management in the	W74-11391 7-21 5B	Region: Volume 9. Soils of the Lake Michigan
Rock River Basin.	WISCONSIN UNIV., MADISON. SEA GRANT	Drainage BasinAn Overview,
W74-05624 7-11 6B	PROGRAM.	W74-13169 7-24 2G
On Multidisciplinary Research on the Applica- tion of Remote Sensing to Water Resources	Our Great Lakes. W74-08531 7-16 2H	WISCONSIN UNIV., MILWAUKEE. DEPT. OF CHEMISTRY.
Problems,	WISCONSIN UNIV., MADISON. WATER	Application of a New Method for Phosphate
W74-05988 7-12 7B	CHEMISTRY PROGRAM. Gas Chromatographic Procedure to Analyze	Concentration Measurements in Natural and Waste Waters,
Simulation of Urban Runoff, Nutrient Loading, and Biotic Response of a Shallow Eutrophic	Amino Acids in Lake Waters, W74-00061 7-01 5A	W74-03900 7-08 5A
Lake, W74-06564 7-13 5C	Some Considerations of the Chemical Limnolo-	WISCONSIN UNIV., MILWAUKEE. DEPT. OF
	gy of Meromictic Lake Mary,	GEOGRAPHY. Radar Investigation of Summertime Land/Lake
Environmental Impact Analysis: A Review of Three Methodologies,	W74-00064 7-01 5C	Rainfall Variations over Lake Michigan,
W74-08839 7-17 6G	Nutrient Loading From a Separate Storm	W74-01661 7-04 2B
Quality of Life in Kickapoo Valley Communi-	Sewer in Madison, Wisconsin, W74-00716 7-02 5C	Paleohydrologic Implications of Some Pluvial Lakes in Northwestern New South Wales, Aus-
ties, W74-09068 7-17 6B	Leaves as Source of Phosphorus, W74-01407 7-03 5B	tralia, W74-01959 7-04 2H
Groundwater Quality. Door County, Wiscon-		
sin. W74-09565 7-18 5B	WISCONSIN UNIV., MADISON. WATER CHEMISTRY PROGRAM; AND TEXAS A AND	On the Causes of Aridity Along a Selected Group of Coasts,
	M UNIV., COLLEGE STATION. DEPT. OF	W74-06469 7-12 2B
WISCONSIN UNIV., MADISON. LAB. OF LIMNOLOGY. Biological Investigations of Lake Wingra,	CIVIL ENGINEERING. The Role of Thermocline Migration in Regulating Algal Blooms,	New Evidence on the Climatic Controls Along the Peruvian Coasts,

W74-00833

7-02 5C

WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.

WISCONSIN UNIV., MILWAUKEE. DEPT. OF GEOLOGICAL SCIENCES.	The Amino Acid and Sugar Composition of Diatom Cell-Walls,	Inorganic Nitrogen Removal in a Combined Tertiary Treatment-Marine Aquaculture
Minimization of Power Expenditure in a Riffle-	W74-00240 7-01 5C	System - II. Algal Bioassays,
Pool Alluvial Channel, W74-02768 7-06 2J	Nitrogen Fixation by Oscillatoria	W74-07777 7-15 5C
WISCONSIN UNIV., MILWAUKEE. SCHOOL	(Trichodesmium) thiebautii in the Southwestern	Plutonium in North Atlantic Ocean Organisms; Ecological Relationships,
OF ARCHITECTURE.	Sargasso Sea, W74-00729 7-02 5C	W74-07800 7-15 5C
Flow Toward Periodic Title Drains,	Hydrocarbon Incorporation Into the Salt Marsh	Marine Phytoplankton Vary in Their Response
W74-08923 7-17 2F	Ecosystem from the West Falmouth Oil Spill,	to Chlorinated Hydrocarbons,
WISCONSIN UNIV., OSHKOSH. DEPT. OF GEOLOGY.	W74-00824 7-02 5	W74-08728 7-17 5C
Water Quality and PollutionSouth Fork of	Adsorptive Extraction for Analysis of Copper	Marine Phytoplankton Vary in Their Response to Chlorinated Hydrocarbons,
Long Island, New York, W74-12313 7-23 5B	in Seawater, W74-00827 * 7-02 2K	W74-08730 7-17 5C
		Oceanic Atmospheric Dispersion,
WISCONSIN UNIV., RIVER FALLS. Nitrate Content of Well Water in West-Central	Kinetics of Silicon-Limited Growth in the Marine Diatom Thalassiosira pseudonana Hasle	W74-09865 7-19 5C
Wisconsin,	and Heimdal (Equals Cyclotella Nana Hustedt),	Current-Controlled Abyssal Sedimentation:
W74-00246 7-01 5B	W74-01431 7-03 5C	Samoan Passage, Equatorial West Pacific,
WISCONSIN UNIV., STEVENS POINT.	Intercalibration of Analyses of Recently	W74-10364 7-20 2J
MUSEUM OF NATURAL HISTORY.	Biosynthesized Hydrocarbons and Petroleum	Inorganic Nitrogen Removal in a Combined
Environmental Status of the Lake Michigan	Hydrocarbons in Marine Lipids, W74-02390 7-05 5A	Tertiary Treatment-Marine Aquaculture
Region, Volume 15. Mammals of the Lake Michigan Drainage Basin,	W/4-02390 7-03 3A	SystemI. Removal Efficiencies, W74-10462 7-20 5D
W74-13121 7-24 6G	Research Pertinent to Environmental Quality	
WISCONSIN UNIV., WASUSAU. UNIV.	Concerning the Period, 1967-1971. W74-02648 7-05 2L	Uptake of Chlorobiphenyls by Oysters,
EXTENSION.		W74-10889 7-20 5B
Lower Wisconsin River Valley Soil Resources	Surface Circulation of Lakes and Nearly Land-	A Seasonal Survey of the Fishes in the Mystic
and Use Potentials,	Locked Seas. W74-02715 7-06 2H	River, a Polluted Estuary in Downtown Boston, Massachusetts,
W74-02957 7-06 4A		W74-11302 7-21 5B
WOFFORD COLL., SPARTANBURG, S.C.	Carbon Dioxide and pH: Effects on Species	Consend and Chlorophull a Consentrations in
DEPT. OF CHEMISTRY. Spectrophotometric Determination of Copper	Succession of Algae, W74-03594 7-07 5C	Copepod and Chlorophyll a Concentrations in Receiving Waters of a Nuclear Power Station
and Iron Subsequent to the Simultaneous Ex-		and Problems Associated With Their Measure-
traction of BIS(2,9-Dimethyl-1, 10-	Dissimilatory Reduction of Inorganic Sulfur by Facultatively Anaerobic Marine Bacteria,	ment,
Penanthroline) Copper (I) and BIS (2,4,6-	W74-03597 7-07 5C	W74-11343 7-21 5B
TRI(2-Pyridyl)-1, 3, 5-Triazine) Iron (II) into Propylene Carbonate,	Comment Share b Francis	Observations on the Distribution of Chlorinated
W74-11910 7-22 5A	Ontogeny of a Salt Marsh Estuary, W74-03621 7-07 2L	Hydrocarbons in Atlantic Ocean Organisms, W74-11484 7-22 5B
WOJEWODZKIE PRZEDSIEBIORSTWO		
WODOCIAGOW KANALIZ, KATOWICE	Intensive Outdoor Culture of Marine Phytoplankton Enriched with Treated Sewage	Aspects of the Distribution and Trace Element Composition of Suspended Matter in the Black
(POLAND).	Effluent,	Sea,
Influence of Some Hydrological Parameters on Changes in the Radioactivity of the Waters of	W74-04103 7-08 5D	W74-11709 7-22 5B
the Rivers Czarna Przemsza and Przemsza,	Analytical Techniques for the Determination of	Report on a New Underway Sediment Sampler,
W74-07019 7-13 5B	Petroleum Contamination in Marine Organisms,	W74-11726 7-22 2J
WOLF RESEARCH AND DEVELOPMENT	W74-04594 7-09 5A	Sediments of the East Atlantic Continental
CORP., RIVERDALE, MD.	A Bacteriological Pressure-Retaining Deep-Sea	MarginA Preliminary Report,
The Interdependence of Lake Ice and Climate in Central North America,	Sampler and Culture Vessel,	W74-11739 7-22 2L
W74-12074 7-23 2C	W74-04773 7-09 5A	Population, Resources, and Pollution, and
WOMEN'S GOLD FOR TOWN IN THE PROPERTY	Respiration of a Sublittoral Community,	Their Impact on the Hudson Estuary,
WOMEN'S COLLEGE, TOKAI UNIVERSITY, MIYAMAE-CHO, SHIZUOKA, JAPAN.	W74-04874 7-10 5B	W74-11870 7-22 5B
Studies on the Influence of PCB on Aquatic	Some Modern Approaches to Beach Studies,	Spring Thermocline Behavior in Lake Ontario
Organisms - IV. Changes in Serum Lipid Con-	W74-04930 7-10 2J	During IFYGL, W74-11903 7-22 2H
tents and Formation of Lipid Peroxide in the Tissues of Carp Administered with PCB Orally.	Residence Time of Sand Composing the	
(in Japanese),	Beaches and Bars of Outer Cape Cod,	Response of Asterias Vulgaris to Chemical Stimuli,
W74-13105 7-24 5C	W74-04968 7-10 2J	W74-11952 7-22 5C
WOODROW WILSON INTERNATIONAL	Sedimentary Processes on the Continental	Evolution of Anoxic Conditions in Black Sea
CENTER FOR SCHOLARS, WASHINGTON,	Slope Off New England,	During Holocene,
D.C. State Governments Tackle Pollution,	W74-05043 7-10 2J	W74-12375 7-23 5B
W74-12465 7-23 6G	A Small Oil Spill,	Distribution of Some Trace Elements in Black
	W74-05578 7-11 5B	Sea and Their Flux Between Dissolved and
WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.	Determination of Montmorillonite in Small	Particulate Phases, W74-12376 7-23 5B
The Environmental Fate of Stranded Crude	Samples and Implications for Suspended-	
Oil,	Matter Studies,	Recent Sediments of Black Sea,
W74-00049 7-01 5B	W74-06285 7-12 2J	W74-12380 7-23 2J

WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.

Bottom Photographs of Black Sea, W74-12386 7-23 2J	WORLD METEOROLOGICAL ORGANIZATION, BOGOTA (COLOMBIA).	WYOMING GAME AND FISH COMMISSION, CASPER.
Commission of Botos of Fooding and	Recent Development of Hydrological Services	Philometra nodulosa in Wyoming White
Comparison of Rates of Feeding and Biodeposition of the American Oyster, Cras-	in Colombia, W74-00227 7-01 10A	Suckers, W74-05329 7-10 5C
sostrea Virginica Gmelin, Fed Different Spe- cies of Phytoplankton,	WORLD METEOROLOGICAL	WYOMING STATE ENGINEER'S OFFICE,
W74-13490 7-24 21	ORGANIZATION, GENEVA (SWITZERLAND). Annotated Bibliography on Precipitation Mea-	CHEYENNE. WATER PLANNING PROGRAM. The Wyoming Framework Water Plan, A Sum
WOODS HOLE OCEANOGRAPHIC	surement Instruments,	mary.
INSTITUTION, MASS. DEPT. OF BIOLOGY. Regulation of Brain and Eye Temperatures by	W74-05169 7-10 2B	W74-03742 7-07 6E
the Bluefin Tuna,	Manual for Estimation of Probable Maximum Precipitation.	WYOMING UNIV., LARAMIE.
W74-04239 7-08 5C	W74-05524 7-11 2B	Liability for Harm from Underground Waste Disposal,
Growth Comparisons of Oysters, Mussels and	Automatic Collection and Transmission of	W74-10870 7-20 5E
Scallops Cultivated on Algae Growth With Ar- tificial Medium and Treated Sewage Effluent,	Hydrological Observations.	WYOMING UNIV., LARAMIE. DEPT. OF
W74-07035 7-13 5C	W74-06287 7-12 7B	AGRICULTURAL ENGINEERING.
WOODS HOLE OCEANOGRAPHIC	Snow Surveys from Earth Satellites A Techni-	A Large Undisturbed, Weighing Lysimeter fo
INSTITUTION, MASS. DEPT. OF CHEMISTRY.	cal Review of Methods.	Grassland Studies,
Effects of Crude Oil on the Feeding Behavior	W74-06295 7-12 7B	W74-06581 7-13 20
of the Lobster Homarus Americanus, W74-11333 7-21 5C	Standardization in Hydrology and Related Fields.	WYOMING UNIV., LARAMIE. DEPT. OF CIVIL ENGINEERING.
WOODWARD-LUNDGREN AND ASSOCIATES,	W74-06298 7-12 7C	Parametric Determination of Minimum Stream
OAKLAND, CALIF.	WODEHINGTON CODE CALLED AVE CITY	flow for Trout,
Cargo Spill Probability Analysis for the Deep	WORTHINGTON CORP., SALT LAKE CITY, UTAH.	W74-02670 7-06 8
Water Port Project,	Operation and Maintenance of Centrifugal	WYOMING UNIV., LARAMIE. DEPT. OF
W74-00819 7-02 5B	Pumps,	GEOLOGY.
Thaw Consolidation of Alaskan Silts and	W74-04146 7-08 8C	Glaciation of Northern Wyoming Interpreted
Granular Soils,	WRIGHT STATE UNIV., DAYTON, OHIO.	from ERTS-1, W74-01703 7-04 20
W74-04379 7-09 2C	DEPT. OF BIOLOGICAL SCIENCES. The Distribution, Composition and Biomass of	W74-01703 7-04 20 Remote Sensing Applied to Land-Use Studie
Sample Disturbance and Thaw Consolidation of	the Crustacean Zooplankton Population in	in Wyoming,
a Deep Sand Permafrost, W74-04387 7-09 2C	Western Lake Superior, W74-01109 7-03 5C	W74-06631 7-13 4
WORGESTER ROLLYTEGING INCT. MACC		The Karstic Groundwater Basins of the Kaibai
WORCESTER POLYTECHNIC INST., MASS. ALDEN RESEARCH LABS.	WROCLAW TECHNICAL UNIV. (POLAND).	Plateau, Arizona,
Adjustment of Friction in Hydraulic Models of	ZAKLAD BIOLOGII SANITARNEJ.	W74-09885 7-19 21
Lakes,	The Usefulness of Biological Tests for Deter-	
W74-02314 7-05 2H	mining the Toxicity of Some Chemical Com-	WYOMING UNIV., LARAMIE. DEPT. OF
	pounds in Waters, W74-13097 7-24 5C	PETROLEUM ENGINEERING. Evaluation of Capillary Properties of Caprocks
Chesapeake Bay Model Study for Calvert Cliffs,	WROCLAW UNIV. (POLAND). INST. OF	W74-12820 7-24 2
W74-02905 7-06 5B	BOTANY AND BIOCHEMISTRY.	WYOMING UNIV., LARAMIE. DEPT. OF
Decay of Mass Oscillations in Rectangular	Elaboration of Optimal Doses and Forms of	STATISTICS AND ATMOSPHERIC
Basins,	Macro- and Microelements and Humates in the	RESOURCES.
W74-05830 7-11 8B	Nutrient Used in Hydroponic Cul-	The Application of Ridge Regression Analysi
	ture'Wroclaw,' W74-13380 7-24 3F	to a Hydrologic Target-Control Model,
WORCESTER POLYTECHNIC INST., MASS.	W /4-13380 7-24 3F	W74-12286 7-23 21
DEPT. OF MATHEMATICS. Simulation of Dissolved Oxygen Profile,	WROCLAW UNIV. (POLAND). MUZEUM	WYOMING UNIV., LARAMIE. DEPT. OF
W74-08823 7-17 5B	ZOOLOGICZNY.	ZOOLOGY AND PHYSIOLOGY.
W 74-00025	River as a Feeding Place for Crows (Corvidae),	Food Habits of the Mountain Whitefish
WORLD HEALTH ORGANIZATION,	W74-12158 7-23 2I	Prosopium Williamsoni (Girard),
BANGKOK (THAILAND). AEDES RESEARCH	WROCLAWSKI UNIV. (POLAND). INST. OF	W74-13497 7-24 2
UNIT.	GEOGRAPHY.	WVOMING UNIV. LABANDE DIV OF
A Field Trial of Abate Larvicide for the Con-	Geyser-Like Water Spouts at Werenskiold-	WYOMING UNIV., LARAMIE. DIV. OF AGRICULTURAL ECONOMICS.
trol of Aedes aegypti in Bangkok, Thailand, W74-10934 7-21 5G	breen, Spitsbergen,	Financing Private Water Resource Develop
7-21 30	W74-09334 7-18 2C	ment: Analysis of A State Loan Program,
Field Studies on the Gonotrophic Cycle of	WUERZBURG UNIV. (WEST GERMANY).	W74-02221 7-05 3
Aedes Aegypti in Bangkok, Thailand,	BOTANISCHES INSTITUT II.	WWOMING COME LABANCE BUY OF STATE
W74-13365 7-24 2H	Stomatal Responses to Changes in Temperature	WYOMING UNIV., LARAMIE. DIV. OF PLANT
WORLD HEALTH ORGANIZATION, DAR ES	at Increasing Water Stress,	SCIENCE. Vegetative Response to Chemical Control of
SALAAM (TANZANIA). EAST AFRICAN AEDES	W74-05366 7-10 2I	Broom Snakeweed on a Blue Grama Range,
RESEARCH UNIT.	Stomatal Responses to Changes in Humidity in	W74-02943 7-06 4.
Aedes aegypti and Aedes simpsoni Breeding in	Plants Growing in the Desert,	

7-12 2I

WYOMING UNIV., LARAMIE. WATER

Parameters Influencing Minimum Streamflow,

Evaporation from Snowdrifts Under Oasis

7-04 2E

7-05 2D

RESOURCES RESEARCH INST.

W74-02119

Conditions,

W74-02183

EUROPE.

W74-12406

Coral Rock Holes on the Coast of Tanzania, W74-04697 7-09 21

WORLD HEALTH ORGANIZATION, (DENMARK). REGIONAL OFFICE FOR

Influence of the Water Pollution,

W74-06241

7-23 5C

WUERZBURGH UNIV. (WEST GERMANY).

A New Type of Climatized Gas Exchange Chamber for Net Photosynthesis and Trans-piration Measurements in the Field, W74-01568 7-03 21

BORANISCHES INSTITUT II.

ORGANIZATIONAL INDEX **ZOOLOGISCHES FORSCHUNGSINSTITUT UND MUSEUM ALEXANDER KOENIG, BONN (WEST**

Osmosis),

W74-00145

7-23 6G

*7-12 7B

YUGOSLAV ACADEMY OF SCIENCES AND

YUGOSLAV ACADEMY OF SCIENCES AND

ARTS, ZABREB. INST. FOR MEDICAL

ZIA CO., LOS ALAMOS, N. MEX.

Effluent.

W74-00778

W74-07007

(WEST GERMANY).

Power Plant Cooling System Still Using Sewage

ZOOLOGISCHES FORSCHUNGSINSTITUT

rivulatus (Guenther 1859), (In German),

UND MUSEUM ALEXANDER KOENIG, BONN

The Laguna de Vegueta on the Mid-Peruvian

Coast and Its Fishes, Particularly Aequidens

Membrane Processes (Osmosis and Reverse

7-01 3A

ARTS, DUBROVNIK. INST. FOR MARINE

CORROSION AND DESALINATION.

nual Runoff,				RESEARCH.	
W74-02317	7-05 2A	YALE UNIV., NEW HAVEN, CON BIOLOGY.	NN. DEPT. OF	Lead Concentration Found in	Human Blood in
Systems Simulation of Economic I	Factors and	Calefaction of the Connecticut I	River, U.S.A.,	Association with Lead Colic,	210 20
Their Relation to the Water Systeming's Platte River Basin,	of Wyom-	W74-02864	7-06 5B	W74-09764	7-18 5C
W74-03892	7-08 6A	Ecological History of Wetlands,		YUGOSLAV ACADEMY OF SCI	
		W74-08165	7-16 2L	ARTS, ZAGREB. INST. FOR ME RESEARCH.	DICAL
The Effectiveness of Sand Filte		YALE UNIV., NEW HAVEN, CO.	UN DEPT OF	Reduction of Lead Absorption	on from the In-
Removal of Colloidal Manganese C		ENGINEERING AND APPLIED S		testine in Newborn Rats,	
Water Using Selected Cations as Fil W74-03893	7-08 5F	Detection of Dilute Organic Ac	ids in Water by	W74-07953	7-15 5C
Coal France Danislament in the	Nonthan	Inelastic Tunneling Spectroscop		YUGOSLAV DEPT. OF WATER	TREATMENT
Coal-Energy Development in the	Northern	W74-13304	7-24 5A	PLANT AUTOMATION, BELGR	
Great Plains.	7.14 (D	VALETINIV NEW HAVEN COL	NA UCBUDA	Correlation Between Turbidit	
W74-07056	7-14 6D	YALE UNIV., NEW HAVEN, CO	AN. OSBORN	tent of the Filter Effluent of W	
Minth Annual Depart of the Water	. Dasausas	MEMORIAL LABS.	** 1 ** 1.1	W74-09526	7-18 5B
Ninth Annual Report of the Water		The waters of Merom: A Study		W /4-09326	/-10 JD
Research Institute of the University	y of Wyom-	III. The Major Chemical Cons	tituents of a 54	Z. H. COLL. OF ENGINEERING	AND
ing (Activities During FY 1973).		M. Core,			
W74-07457	7-14 9A	W74-10763	7-20 2H	TECHNOLOGY, ALIGARH (INI	
				Paper Chromatographic and	
Snow Sampling Techniques on a S	mall Subal-	YALE UNIV., NEW HAVEN, CO	NN. OSBORN	graphic Separation of Edta Co.	mplexes of Meta
pine Watershed,		ZOOLOGICAL LAB.		Ions,	
W74-09608	7-18 2C	The Production of Extracellular by Some Marine Flagellates,	r Carbohydrates	W74-07693	7-15 SA
Reliability of Snowmelt Runoff	Predictions	W74-08746	7-17 5C	ZAGREB UNIV. (YUGOSLAVIA). ZAVOD
Based on Mass Balance Procedu	ires Versus			OPCU PROIZVODE BILJA.	
Index Methods,		YALE UNIV., NEW HAVEN, CO	NN. SCHOOL	Variations in Potassium Co	atent of Alfalfa
W74-10536	7-20 2C	OF FORESTRY AND ENVIRONM		Grown on Pseudogley Soil	
		STUDIES.		Mineral Fertilizing, (In Serbo-	
Surface Water System 1973,		Metal Contamination of Urban	Woody Plants		
W74-10695	7-20 7C	W74-12506	7-23 5B	W74-08097	7-15 3F
VYZSZA SZKOLA ROLNICZA, LUB	II.IN	VAMAGATA BREECTURAL CO	THOOL FOR	ZEGREB UNIV. (YUGOSLOVIA). FACULTY OF
POLAND). ZAKLAD CHOROB RYB		YAMAGATA PREFECTURAL SO		AGRICULTURE.	
Efficacy of Some Methods Control		THE BLIND, KAMINOYAMA (JA		The Influence of Some Climat	ic Factors on the
	ing Lectues	Studies of the Ingredients V		Productivity of Red Clover	Seed, (In Serbo
in Water,		Sake-Gawa River, A Tributary	of the Mogami	Croatian),	
W74-13096	7-24 5G	River (In Japanese),		W74-01556	7-03 3H
UVZCZA CZYCI A BOLNICZA CIE	7773731	W74-07360	7-14 2K		
VYZSZA SZKOLA ROLNICZA, OLS	ZIYN-			ZENTRALANSTALT FUER ME	TEOROLOGIE
ORTOWA (POLAND). INSTYTUT		YAMAGATA UNIV. (JAPAN). LA	AB. OF	UND GEODYNAMIK, VIENNA	(AUSTRIA).
IYDROBIOLOGII OCHRANY WOD		SCIENCE EDUCATION.		On Flood Probabilities of East	
Investigations on the Changes in the		Some Limnological Remarks or	n Lake Saizuchi-	W74-06909	7-13 2F
Heavy Metals in Lake Waters of t	he Masurian	Numa, Yamagata Prefecture, (I	in Japanese),	11 /4-00/0/	7-13 ZI
Lake District,		W74-02207	7-05 5C	Investigations of the Meteorol	onical Influence
W74-01221	7-03 5B			on the Increase of Dry Matter	
		YODER-TROTTER-ORLOB AND	ASSOCIATES.		
VYZSZA SZKOLA ROLNICZA, OLS	SZTYN-	WALNUT CREEK, CALIF.		for Spring Barley and Winter	
ORTOWO (POLAND).I. INSTYTUT		Facilities for Controlling the A	Activated Sludge	nonian Climate Area: I. Meth	
NZYNIERII I BIOTECHNOLOGII Z	YWNOSCI.	Process by Mean Cell Residence		Results of the Preliminary	Experiments o
The Occurrence of Heterotrophic		W74-11254	7-21 5D	1970, (In German),	
the Waters of the Ilawa Lakes a			1-21 313	W74-12729	7-23 31
Their Physiological and Biochem		YOKOHAMA NATIONAL UNIV.	(IAPAN)		
	icai Proper-	SCHOOL OF ENGINEERING.	(oral rait).	ZENTRALSTELLE FUER GEO-	
ties,	206		Matale in the	PHOTOGRAMMETRIE UND	
W74-02931	7-06 5C	The Behaviors of Heavy		FERNERKUNDUNG, MUNICH	WEST
UVZCZ I CZVOL I BOLNICZ I CZC	TECH	Regeneration Process of Sewag		GERMANY).	11101
WYZSZA SZKOLA ROLNICZA, SZC	ZECIN	tivated Carbon, (Gesui shor		New Aspects on the Tectonic	of the Alac an
POLAND). KATEDRA BOTANIKI.		kanetsu saiseiji ni okeru jukinze			
Batrachospermum Vagum Ag. in t		W74-09482	7-18 5D	the Apennines Revealed by El	
Pomerania, A Locality New to	Poland, (In			W74-02564	7-05 71
Polish)		YOKOHAMA SEWERAGE BURI	EAU,		

KANAGAWA (JAPAN).

in Sediments,

DEPT. OF BIOLOGY.

W74-12733

W74-01302

Decomposition of Nitrogen Compounds in

Lake Mud in View of Nitrogen Isotope Ratios:

I. Analytical Method for Nitrogen Compounds

Loss of Photosynthetic Activity in Two Blue-

7-03 5B

Green Algae as a Result of Osmotic Stress,

YORK UNIV., DOWNSVIEW (ONTARIO).

7-03 2H

7-13 3F

7-14 5D

YALE UNIV., NEW HAVEN, CONN.

W74-12463

W74-06021

CENTER.

Incrementalism and Environmentalism,

YALE UNIV., NEW HAVEN, CONN. BECTON

A High Speed Microprogrammed System for Generation and Acquisition of Signals,

Measuring Snowfall, A Critical Factor for

Psychrometric Data Patterns and Prediction

Elevation Dependent Model for Estimating An-

7-05 2C

7-05 2B

Snow Resource Management,

W74-02184

W74-02220

Models.

Polish),

W74-01219

NASIENNICTWO.

W74-06548

W74-07221

WYZSZA SZKOLA ROLNICZA, WROCLAW

(POLAND). INSTYTUT HODOWLI ROSLIN I

Baking Quality of Spring Wheat as Affected by

Rain During Drying After Reaping (In Polish),

XODAR CORP., WARWICK, R. I. ASSIGNEE.

Agitating and Aerating Apparatus,

7-02 5D

ZOOLOGISK MUSEUM, OSLO (NORWAY).

ZOOLOGISK MUSEUM, OSLO (NORWAY).

An Investigation of the Food of One- to Four-Month-Old Salmon Fry (Salmo salar L.) in the Suldalslagen, West Norway,

W74-08679

Notes on the Feeding Relationships of Trout (Salmo trutta L.) and Salmon (Salmo salar L.) in the River Suldalslagen, West Norway,

Studies of the Helminth Fauna of Norway, XXVI: The Distribution of Cyathocephalus Truncatus (Pallas) in the Intestine of Brown Trout (Salmo Trutta L.), W74-08699

ZOOVETERYNARNYI INSTYTUT, LVOV (USSR).

Long-Term Changes in the Parasitic Fauna of Some Fish in the Dniester Basin, (In Russian), W74-12746 7-23 2H

ZURICH UNIV. (SWITZERLAND).
GEOGRAPHISCHES INSTITUT.
Snow Survey and Vegetation Growth in High Mountains (Swiss Alps),

W74-09320 7-18 2C

ZURICH UNIV. (SWITZERLAND). INSTITUT FUER ALLGEMEINE BOTANIK. Soil Respiration in Different Types of Southeast Asian Tropical Rain Forest, (In German).

W74-09246

7-17 2G

ACCESSION NUMBER INDEX

W74-00001 7-01 2A	W74-00079 7	-01	5C	W74-00157	7-01	3A	W74-00235	7-01	3F
W74-00002 7-01 6B		-01	5A	W74-00158	7-01	3A	W74-00236	7-01	5C
W74-00003 7-01 5D	W74-00081 7	-01	3A	W74-00159	7-01	3A	W74-00237	7-01	2G
W74-00004 7-01 6B		7-01	5D	W74-00160	7-01	3A	W74-00238	7-01	5C
W74-00005 7-01 2A		7-01	5F	W74-00161	7-01	3A	W74-00239	7-01	5C
W74-00006 7-01 6E		7-01	5G	W74-00162	7-01	3A	W74-00240	7-01	5C 5B
W74-00007 7-01 4A		7-01	5G	W74-00163	7-01	6B	W74-00241 W74-00242	7-01	5G
W74-00008 7-01 5G		7-01	5G	W74-00164	7-01	5D 5D	W74-00242	7-01	5C
W74-00009 7-01 5B	*** * * * * * * * * * * * * * * * * * *	7-01	5G	W74-00165 W74-00166	7-01 7-01	5A	W74-00243	7-01	5C
W74-00010 7-01 5B		7-01 7-01	5G 5G	W74-00167	7-01	6A	W74-00245	7-01	5C
W74-00011 7-01 5B W74-00012 7-01 5B		7-01	5G	W74-00168	7-01	4A	W74-00246	7-01	5B
W74-00012 7-01 5B W74-00013 7-01 5B		7-01	5D	W74-00169	7-01	5D	W74-00247	7-01	5C
W74-00014 7-01 2G		7-01	8C	W74-00170	7-01	6A	W74-00248	7-01	5C
W74-00015 7-01 2H		7-01	2J	W74-00171	7-01	6B	W74-00249	7-01	2K
W74-00016 7-01 2J		7-01	81	W74-00172	7-01	6A	W74-00250	7-01	5A
W74-00017 7-01 2J	W74-00095	7-01	5B	W74-00173	7-01	6A	W74-00251	7-01	2K
W74-00018 7-01 2H	W74-00096	7-01	2E	W74-00174	7-01	6A	W74-00252	7-01	2K
W74-00019 7-01 2J	W74-00097	7-01	2K	W74-00175	7-01	6A	W74-00253	7-01	5A
W74-00020 7-01 2J		7-01	2C	W74-00176	7-01	4B	W74-00254	7-01	5A
W74-00021 7-01 2L		7-01	81	W74-00177	7-01	6B	W74-00255	7-01 7-01	5A 5A
W74-00022 7-01 2H		7-01	2J	W74-00178	7-01	7C	W74-00256 W74-00257	7-01	5A
W74-00023 7-01 2L		7-01	2J	W74-00179	7-01 7-01	6A 5G	W74-00258	7-01	5A
W74-00024 7-01 2L		7-01	2J	W74-00180 W74-00181	7-01	6B	W74-00259	7-01	5A
W74-00025 7-01 2G		7-01 7-01	2J 2J	W74-00181	7-01	2G	W74-00260	7-01	5A
W74-00026 7-01 3F W74-00027 7-01 2J		7-01	21	W74-00182	7-01	5D	W74-00261	7-01	5A
W74-00027 7-01 2J W74-00028 7-01 2J		7-01	2J	W74-00184	7-01	5E	W74-00262	7-01	5A
W74-00028 7-01 2J W74-00029 7-01 2L		7-01	23	W74-00185	7-01	4A	W74-00263	7-01	2K
W74-00029 7-01 2L		7-01	2G	W74-00186	7-01	3F	W74-00264	7-01	5B
W74-00031 7-01 2L		7-01	2C	W74-00187	7-01	6A	W74-00265	7-01	5B
W74-00032 7-01 2J		7-01	2C	W74-00188	7-01	4A	W74-00266	7-01	5A
W74-00033 7-01 2H	W74-00111	7-01	2C	W74-00189	7-01	10A	W74-00267	7-01	5A
W74-00034 7-01 2L	W74-00112	7-01	2C	W74-00190	7-01	10A	W74-00268	7-01	5B
W74-00035 7-01 2L		7-01	2C	W74-00191	7-01	10A	W74-00269	7-01	5B
W74-00036 7-01 2L		7-01	2L	W74-00192		10A	W74-00270	7-01	5A
W74-00037 7-01 2L		7-01	2C	W74-00193		10A	W74-00271	7-01	2K
W74-00038 7-01 2L		7-01	4B	W74-00194		10A	W74-00272	7-01 7-01	7C 2K
W74-00039 7-01 3A		7-01	4B	W74-00195		10A	W74-00273 W74-00274	7-01	5A
W74-00040 7-01 3A		7-01	5C	W74-00196		10A	W74-00274	7-01	2K
W74-00041 7-01 2K		7-01	5F	W74-00197 W74-00198		10A 10A	W74-00276	7-01	5A
W74-00042 7-01 7B	W74-00120 W74-00121	7-01 7-01	5C 6D	W74-00199		10A	W74-00277	7-01	5A
W74-00043 7-01 5A W74-00044 7-01 2K	W74-00121 W74-00122	7-01	5D	W74-00200		10A	W74-00278	7-01	5A
W74-00044 7-01 2K W74-00045 7-01 5C	W74-00122 W74-00123	7-01	5G	W74-00201		10A	W74-00279	7-01	5B
W74-00045 7-01 5A	W74-00124	7-01	5A	W74-00202		10A	W74-00280	7-01	2K
W74-00047 7-01 5B	W74-00125	7-01	5G	W74-00203		10A	W74-00281	7-01	2K
W74-00048 7-01 5C	W74-00126	7-01	5G	W74-00204	7-01	10A	W74-00282	7-01	5B
W74-00049 7-01 5B	W74-00127	7-01	5G	W74-00205	7-01	10A	W74-00283	7-01	5C
W74-00050 7-01 5B	W74-00128	7-01	5G	W74-00206		10A	W74-00284	7-01	5G
W74-00051 7-01 7B	W74-00129	7-01	5G	W74-00207		10A	W74-00285	7-01	5A
W74-00052 7-01 5A	W74-00130	7-01	5G	W74-00208		10A	W74-00286	7-01	2K
W74-00053 7-01 5A	W74-00131	7-01	5G	W74-00209		10A	W74-00287 W74-00288	7-01	5C 2K
W74-00054 7-01 2G	W74-00132	7-01	5G	W74-00210 W74-00211			W74-00289	7-01	2K
W74-00055 7-01 5B	W74-00133	7-01 7-01	5G 5G	W74-00211			W74-00290		
W74-00056 7-01 5B W74-00057 7-01 5A	W74-00134 W74-00135	7-01	5G	W74-00213			W74-00291	7-01	
W74-00057 7-01 5A W74-00058 7-01 5A	W74-00136	7-01	5G	W74-00214			W74-00292	7-01	5C
W74-00059 7-01 5A	W74-00137	7-01	5G	W74-00215			W74-00293	7-01	5B
W74-00060 7-01 5G	W74-00138	7-01	5G	W74-00216			W74-00294	7-01	2J
W74-00061 7-01 5A	W74-00139	7-01	5G	W74-0021	7-01	10A	W74-00295	7-01	5A
W74-00062 7-01 3F	W74-00140	7-01	5G	W74-00218	7-01	10A	W74-00296	7-01	
W74-00063 7-01 5C	W74-00141	7-01	5G	W74-00219			W74-00297		
W74-00064 7-01 5C	W74-00142	7-01	6B	W74-00220			W74-00298		
W74-00065 7-01 5B	W74-00143	7-01	5G	W74-0022			W74-00299		
W74-00066 7-01 2I	W74-00144	7-01	5G	W74-0022			W74-00300		
W74-00067 7-01 5A	W74-00145	7-01	3A	W74-0022			W74-00301		
W74-00068 7-01 5B	W74-00146	7-01	3A	W74-0022			W74-00302 W74-00303		
W74-00069 7-01 5C	W74-00147	7-01	2H	W74-0022 W74-0022			W74-00304		
W74-00070 7-01 5B	W74-00148	7-01		W74-0022			W74-00305		
W74-00071 7-01 5B	W74-00149 W74-00150	7-01		W74-0022			W74-00306		
W74-00072 7-01 5A W74-00073 7-01 5B	W74-00151	7-01		W74-0022			W74-00307		
W74-00074 7-01 3B	W74-00152	7-01	6B	W74-0023			W74-00308		
W74-00075 7-01 2H	W74-00153	7-01	5D	W74-0023			W74-00309		
W74-00076 7-01 5A	W74-00154	7-01	5D	W74-0023	2 7-0	1 8I	W74-00310		
W74-00077 7-01 5A	W74-00155	7-01		W74-0023			W74-00311		
W74-00078 7-01 5C	W74-00156	7-01	5F	W74-0023	4 7-0	1 5C	W74-00312	2 7-01	1 3A

W/4-00313			
W74-00313 7-01 5F	W74-00392 7-01 5B	W74-00471 7-01 2I	W74-00550 7-01 2E
W74-00314 7-01 3A	W74-00393 7-01 5D	W74-00472 7-01 5F	W74-00551 7-02 6B
W74-00315 7-01 3A	W74-00394 7-01 5D	W74-00473 7-01 7B	W74-00552 7-02 6E W74-00553 7-02 6B
W74-00316 7-01 5D	W74-00395 7-01 5G	W74-00474 7-01 2I W74-00475 7-01 3F	W74-00554 7-02 5E
W74-00317 7-01 3A	W74-00396 7-01 5B	W74-00475 7-01 3F W74-00476 7-01 5B	W74-00555 7-02 5C
W74-00318 7-01 3A	W74-00397 7-01 5D W74-00398 7-01 5G	W74-00476 7-01 5G	W74-00556 7-02 4A
W74-00319 7-01 3A		W74-00477 7-01 3A	W74-00557 7-02 6B
W74-00320 7-01 5D W74-00321 7-01 2K	W74-00399 7-01 5B W74-00400 7-01 5B	W74-00479 7-01 5B	W74-00558 7-02 6B
	W74-00401 7-01 5G	W74-00480 7-01 2H	W74-00559 7-02 6B
W74-00322 7-01 8H W74-00323 7-01 2K	W74-00402 7-01 5B	W74-00481 7-01 2I	W74-00560 7-02 5D
W74-00324 7-01 2K	W74-00403 7-01 5C	W74-00482 7-01 5C	W74-00561 7-02 2J
W74-00325 7-01 4B	W74-00404 7-01 5D	W74-00483 7-01 5C	W74-00562 7-02 6A
W74-00326 7-01 2F	W74-00405 7-01 5D	W74-00484 7-01 3F	W74-00563 7-02 2I
W74-00327 7-01 2F	W74-00406 7-01 5D	W74-00485 7-01 5D	W74-00564 7-02 2A
W74-00328 7-01 2L	W74-00407 7-01 5C	W74-00486 7-01 5C	W74-00565 7-02 5D W74-00566 7-02 5B
W74-00329 7-01 3C	W74-00408 7-01 5B	W74-00487 7-01 2I W74-00488 7-01 2H	W74-00566 7-02 5B W74-00567 7-02 2F
W74-00330 7-01 2F	W74-00409 7-01 5B	W74-00488 7-01 2H W74-00489 7-01 5C	W74-00568 7-02 4B
W74-00331 7-01 2A	W74-00410 7-01 5C W74-00411 7-01 5D	W74-00489 7-01 3F	W74-00569 7-02 5B
W74-00332 7-01 2F W74-00333 7-01 2C	W74-00411 7-01 5D W74-00412 7-01 5D	W74-00491 7-01 3F	W74-00570 7-02 5B
W74-00333 7-01 2C W74-00334 7-01 2C	W74-00412 7-01 5G	W74-00492 7-01 5C	W74-00571 7-02 5B
W74-00335 7-01 2C	W74-00414 7-01 5G	W74-00493 7-01 5C	W74-00572 7-02 5D
W74-00336 7-01 4B	W74-00415 7-01 5D	W74-00494 7-01 2I	W74-00573 7-02 7A
W74-00337 7-01 4A	W74-00416 7-01 5D	W74-00495 7-01 5C	W74-00574 7-02 7C
W74-00338 7-01 4A	W74-00417 7-01 5B	W74-00496 7-01 5C	W74-00575 7-02 7C
W74-00339 7-01 4A	W74-00418 7-01 5D	W74-00497 7-01 5B	W74-00576 7-02 7C
W74-00340 7-01 4B	W74-00419 7-01 5D	W74-00498 7-01 5B	W74-00577 7-02 7C W74-00578 7-02 7C
W74-00341 7-01 2G	W74-00420 7-01 5B	W74-00499 7-01 5C	W74-00578 7-02 7C W74-00579 7-02 7C
W74-00342 7-01 2H	W74-00421 7-01 3F	W74-00500 7-01 5B W74-00501 7-01 2H	W74-00580 7-02 5G
W74-00343 7-01 2C	W74-00422 7-01 3F	W74-00501 7-01 2H W74-00502 7-01 2H	W74-00581 7-02 2C
W74-00344 7-01 2H	W74-00423 7-01 5G W74-00424 7-01 5D	W74-00503 7-01 4A	W74-00582 7-02 5D
W74-00345 7-01 2K W74-00346 7-01 2C	W74-00424 7-01 3D W74-00425 7-01 3C	W74-00504 7-01 2L	W74-00583 7-02 6D
W74-00346 7-01 2C W74-00347 7-01 5B	W74-00426 7-01 5D	W74-00505 7-01 2E	W74-00584 7-02 5G
W74-00347 7-01 2J	W74-00427 7-01 5B	W74-00506 7-01 2J	W74-00585 7-02 2E
W74-00349 7-01 2K	W74-00428 7-01 5D	W74-00507 7-01 2L	W74-00586 7-02 7C
W74-00350 7-01 7C	W74-00429 7-01 5D	W74-00508 7-01 5B	W74-00587 7-02 7C
W74-00351 7-01 8I	W74-00430 7-01 5D	W74-00509 7-01 2J	W74-00588 7-02 7C
W74-00352 7-01 4B	W74-00431 7-01 5D	W74-00510 7-01 2L	W74-00589 7-02 5C
W74-00353 7-01 4B	W74-00432 7-01 5A	W74-00511 7-01 2L	W74-00590 7-02 5C W74-00591 7-02 5C
W74-00354 7-01 2E	W74-00433 7-01 3E	W74-00512 7-01 2L	W74-00591 7-02 5C W74-00592 7-02 4A
W74-00355 7-01 2E	W74-00434 7-01 5D	W74-00513 7-01 2L W74-00514 7-01 2E	W74-00593 7-02 4A
W74-00356 7-01 2E	W74-00435 7-01 2B W74-00436 7-01 5C	W74-00515 7-01 2G	W74-00594 7-02 2E
W74-00357 7-01 3B W74-00358 7-01 2G	W74-00436 7-01 5C W74-00437 7-01 2F	W74-00516 7-01 2E	W74-00595 7-02 4A
W74-00358 7-01 2G W74-00359 7-01 2G	W74-00438 7-01 5B	W74-00517 7-01 2L	W74-00596 7-02 2C
W74-00360 7-01 2G	W74-00439 7-01 4B	W74-00518 7-01 2L	W74-00597 7-02 4A
W74-00361 7-01 4B	W74-00440 7-01 5D	W74-00519 7-01 2J	W74-00598 7-02 2E
W74-00362 7-01 2F	W74-00441 7-01 6B	W74-00520 7-01 2E	W74-00599 7-02 2E
W74-00363 7-01 2F	W74-00442 7-01 6G	W74-00521 7-01 2J	W74-00600 7-02 2D
W74-00364 7-01 5B	W74-00443 7-01 6D	W74-00522 7-01 2J	W74-00601 7-02 2A W74-00602 7-02 2G
W74-00365 7-01 2F	W74-00444 7-01 4C	W74-00523 7-01 2L W74-00524 7-01 2J	W74-00602 7-02 2G W74-00603 7-02 2G
W74-00366 7-01 2F	W74-00445 7-01 6B	W74-00524 7-01 2J W74-00525 7-01 2L	W74-00604 7-02 2G
W74-00367 7-01 5B W74-00368 7-01 2G	W74-00446 7-01 6B W74-00447 7-01 6E	W74-00526 7-01 2E	W74-00605 7-02 2G
W74-00368 7-01 2G W74-00369 7-01 2G	W74-00448 7-01 6F	W74-00527 7-01 2E	W74-00606 7-02 2K
W74-00369 7-01 2G	W74-00449 7-01 5G	W74-00528 7-01 2L	W74-00607 7-02 5B
W74-00371 7-01 5B	W74-00450 7-01 5G	W74-00529 7-01 5C	W74-00608 7-02 2G
W74-00372 7-01 5B	W74-00451 7-01 6B	W74-00530 7-01 5C	W74-00609 7-02 4C
W74-00373 7-01 3B	W74-00452 7-01 5G	W74-00531 7-01 5C	W74-00610 7-02 2G
W74-00374 7-01 2D	W74-00453 7-01 3D	W74-00532 7-01 2F	W74-00611 7-02 2G
W74-00375 7-01 2A	W74-00454 7-01 6G	W74-00533 7-01 2J	W74-00612 7-02 7C
W74-00376 7-01 5B	W74-00455 7-01 3D	W74-00534 7-01 7C	W74-00613 7-02 5A W74-00614 7-02 5A
W74-00377 7-01 2C	W74-00456 7-01 5D	W74-00535 7-01 7C W74-00536 7-01 7C	W74-00614 7-02 5A W74-00615 7-02 5B
W74-00378 7-01 2A	W74-00457 7-01 3D	W74-00536 7-01 7C W74-00537 7-01 2C	W74-00616 7-02 5C
W74-00379 7-01 5B	W74-00458 7-01 3D W74-00459 7-01 5A	W74-00538 7-01 5B	W74-00617 7-02 5A
W74-00380 7-01 2E W74-00381 7-01 4C	W74-00459 7-01 5A W74-00460 7-01 5A	W74-00539 7-01 8B	W74-00618 7-02 5B
W74-00381 7-01 4C W74-00382 7-01 2F	W74-00460 7-01 5A	W74-00540 7-01 7B	W74-00619 7-02 7C
W74-00382 7-01 2F W74-00383 7-01 2L	W74-00462 7-01 5A	W74-00541 7-01 2I	W74-00620 7-02 5A
W74-00384 7-01 2L	W74-00463 7-01 2I	W74-00542 7-01 2F	W74-00621 7-02 5B
W74-00385 7-01 2L	W74-00464 7-01 5A	W74-00543 7-01 5B	W74-00622 7-02 5A
W74-00386 7-01 2L	W74-00465 7-01 5A	W74-00544 7-01 4A	W74-00623 7-02 5B
W74-00387 7-01 5F	W74-00466 7-01 5C	W74-00545 7-01 2B	W74-00624 7-02 5A
W74-00388 7-01 3F	W74-00467 7-01 2D	W74-00546 7-01 8A	W74-00625 7-02 5C W74-00626 7-02 7C
W74-00389 7-01 3F	W74-00468 7-01 3F	W74-00547 7-01 5B	W74-00626 7-02 7C W74-00627 7-02 7C
W74-00390 7-01 4D	W74-00469 7-01 3F	W74-00548 7-01 2E W74-00549 7-01 2E	W74-00628 7-02 5A
W74-00391 7-01 5G	W74-00470 7-01 2H	W /4-00349 /-01 ZE	1177-00020 7-02 3A

W74-00629	7-02	5A	W74-00708	7-02	5C	W74-00787	7-02	5D	W74-00866	7-02	6E
	7-02	5G	W74-00709	7-02	5C	W74-00788	7-02	5D	W74-00867	7-02	5G
W74-00630	7-02	7C	W74-00710	7-02	5C	W74-00789	7-02	5D	W74-00868	7-02	6E
W74-00631	7-02	5B	W74-00711	7-02	5C	W74-00790	7-02	5D	W74-00869	7-02	5G
W74-00632			W74-00712		5C						
W74-00633	7-02	2K		7-02		W74-00791	7-02	5A	W74-00870	7-02	5G
W74-00634	7-02	2K	W74-00713	7-02	SC ST	W74-00792	7-02	3E	W74-00871	7-02	5G
W74-00635	7-02	5B	W74-00714	7-02	21	W74-00793	7-02	5B	W74-00872	7-02	6E
W74-00636	7-02	2K	W74-00715	7-02	5G	W74-00794	7-02	5D	W74-00873	7-02	6E
W74-00637	7-02	2K	W74-00716	7-02	5C	W74-00795	7-02	5D	W74-00874	7-02	4C
W74-00638	7-02	5A	W74-00717	7-02	5C	W74-00796	7-02	5D	W74-00875	7-02	5G
W74-00639	7-02	5C	W74-00718	7-02	5C	W74-00797	7-02	5D	W74-00876	7-02	3A
W74-00640	7-02	5C	W74-00719	7-02	21	W74-00798	7-02	5D	W74-00877	7-02	5C
W74-00641	7-02	5C	W74-00720	7-02	5C	W74-00799	7-02	6A	W74-00878	7-02	6E
W74-00642	7-02	5A	W74-00721	7-02	5C	W74-00800	7-02	6A	W74-00879	7-02	4A
W74-00643	7-02	5A	W74-00722	7-02	5C	W74-00801	7-02	6A	W74-00880	7-02	4D
W74-00644	7-02	5A	W74-00723	7-02	5C	W74-00802	7-02	8A	W74-00881	7-02	4A
W74-00645	7-02	5B	W74-00724	7-02	5C	W74-00803	7-02	8A	W74-00882	7-02	4A
W74-00646	7-02	5A	W74-00725	7-02	5C	W74-00804	7-02	6A	W74-00883	7-02	5G
W74-00647	7-02	2K	W74-00726	7-02	5C	W74-00805	7-02	8A	W74-00884	7-02	6B
W74-00648	7-02	2K	W74-00727	7-02		W74-00806	7-02		W74-00885	7-02	6A
					5C			6A		7-02	
W74-00649	7-02	5A	W74-00728	7-02	5C	W74-00807	7-02	6A	W74-00886		5G
W74-00650	7-02	5A	W74-00729	7-02	5C	W74-00808	7-02	5B	W74-00887	7-02	2L
W74-00651	7-02	5C	W74-00730	7-02	5D	W74-00809	7-02	5D	W74-00888	7-02	2L
W74-00652	7-02	5A	W74-00731	7-02	5C	W74-00810	7-02	5D	W74-00889	7-02	2L
W74-00653	7-02	5A	W74-00732	7-02	5C	W74-00811	7-02	5D	W74-00890	7-02	2L
W74-00654	7-02	5B	W74-00733	7-02	5C	W74-00812	7-02	6A	W74-00891	7-02	2L
W74-00655	7-02	5A	W74-00734	7-02	5G	W74-00813	7-02	6A	W74-00892	7-02	3F
W74-00656	7-02	5A	W74-00735	7-02	2E	W74-00814	7-02	2E	W74-00893	7-02	2L
W74-00657	7-02	5A	W74-00736	7-02	4A	W74-00815	7-02	81	W74-00894	7-02	2L
W74-00658	7-02	5C	W74-00737	7-02	5C	W74-00816	7-02	8B	W74-00895	7-02	2L
W74-00659	7-02	5A	W74-00738	7-02	6G	W74-00817	7-02	6F	W74-00896	7-02	21.
W74-00660	7-02	5B	W74-00739	7-02	5C	W74-00818	7-02	2C	W74-00897	7-02	2L
W74-00661	7-02	5A	W74-00740	7-02	6D	W74-00819	7-02	5B	W74-00898	7-02	2L
W74-00662	7-02	5B	W74-00741	7-02	4A	W74-00820	7-02	8A	W74-00899	7-02	21
W74-00663	7-02	5B			3D		7-02	7C		7-02	2L
			W74-00742	7-02		W74-00821			W74-00900		
W74-00664	7-02	5B	W74-00743	7-02	5G	W74-00822	7-02	7C	W74-00901	7-02	2L
W74-00665	7-02	5C	W74-00744	7-02	5D	W74-00823	7-02	7C	W74-00902	7-02	2L
W74-00666	7-02	7C	W74-00745	7-02	5D	W74-00824	7-02	5	W74-00903	7-02	2L
W74-00667	7-02	4A	W74-00746	7-02	3D	W74-00825	7-02	7C	W74-00904	7-02	2L
W74-00668	7-02	4A	W74-00747	7-02	5D	W74-00826	7-02	3F	W74-00905	7-02	2L
W74-00669	7-02	3F	W74-00748	7-02	5B	W74-00827	7-02	2K	W74-00906	7-02	2L
W74-00670	7-02	5D	W74-00749	7-02	6B	W74-00828	7-02	2K	W74-00907	7-02	2L
W74-00671	7-02	6A	W74-00750	7-02	5D	W74-00829	7-02	2K	W74-00908	7-02	2L
W74-00672	7-02	4A	W74-00751	7-02	6C	W74-00830	7-02	2K	W74-00909	7-02	2L
W74-00673	7-02	4A	W74-00752	7-02	5B	W74-00831	7-02	2H	W74-00910	7-02	2L
W74-00674	7-02	5G	W74-00753	7-02	5D	W74-00832	7-02	7C	W74-00911	7-02	2L
W74-00675	7-02	3B	W74-00754	7-02	3D	W74-00833	7-02	5C	W74-00912	7-02	2L
							7-02	5A		7-02	2L
W74-00676	7-02	3B	W74-00755	7-02	4A	W74-00834			W74-00913		
W74-00677	7-02	3B	W74-00756	7-02	3F	W74-00835	7-02	5D	W74-00914	7-02	2L.
W74-00678	7-02	4A	W74-00757	7-02	3C	W74-00836	7-02	5G	W74-00915	7-02	2L
W74-00679	7-02	21	W74-00758	7-02	6C	W74-00837	7-02	5D	W74-00916	7-02	21L
W74-00680	7-02	2C	W74-00759	7-02	2D	W74-00838	7-02	4A	W74-00917	7-02	2L
W74-00681	7-02	21	W74-00760	7-02	5C	W74-00839	7-02	2H	W74-00918	7-02	2L
W74-00682	7-02	2C	W74-00761	7-02	4B	W74-00840	7-02	2H	W74-00919	7-02	2L
W74-00683	7-02	2C	W74-00762	7-02	5D	W74-00841	7-02	5F	W74-00920	7-02	2L
W74-00684	7-02	2C	W74-00763	7-02	5D	W74-00842	7-02	5C	W74-00921	7-02	2L
W74-00685	7-02	2C	W74-00764	7-02	5C	W74-00843	7-02	2G	W74-00922	7-02	2L
W74-00686	7-02	4C	W74-00765	7-02	5A	W74-00844	7-02	4A	W74-00923	7-02	2L
W74-00687	7-02	2C	W74-00766	7-02	5C	W74-00845	7-02	2F	W74-00924	7-02	2L
W74-00688	7-02	3B	W74-00767	7-02	5G	W74-00846	7-02	2F	W74-00925	7-02	5C
W74-00689	7-02	21	W74-00768	7-02	3F	W74-00847	7-02	2F	W74-00926	7-02	5A
W74-00690	7-02	2D	W74-00769	7-02	2H	W74-00848	7-02	8A	W74-00927	7-02	5C
							7-02				
W74-00691	7-02	3B	W74-00770	7-02	1A	W74-00849		5B	W74-00928	7-02	5E
W74-00692	7-02	2A	W74-00771	7-02	3C	W74-00850	7-02	5B	W74-00929	7-02	7C
W74-00693	7-02	3B	W74-00772	7-02	5D	W74-00851	7-02	2B	W74-00930	7-02	3F
W74-00694	7-02	4A	W74-00773	7-02	5A	W74-00852	7-02	2B	W74-00931	7-02	8G
W74-00695	7-02	3B	W74-00774	7-02	5D	W74-00853	7-02	2B	W74-00932	7-02	8B
W74-00696	7-02	4A	W74-00775	7-02	5B	W74-00854	7-02	2B	W74-00933	7-02	8G
W74-00697	7-02	3B	W74-00776	7-02	5D	W74-00855	7-02	2B	W74-00934	7-02	8B
W74-00698	7-02	3B	W74-00777	7-02	5D	W74-00856	7-02	5F	W74-00935	7-02	2H
W74-00699	7-02	5D	W74-00778	7-02	5D	W74-00857	7-02	6E	W74-00936	7-02	8F
W74-00700	7-02	5D	W74-00779	7-02	5A	W74-00858	7-02	6E	W74-00937	7-02	8G
W74-00701	7-02	5G	W74-00780	7-02	5A	W74-00859	7-02	5G	W74-00938	7-02	4B
W74-00702	7-02	5G	W74-00781	7-02	5D	W74-00860	7-02	4A	W74-00939	7-02	8G
W74-00703	7-02	5B	W74-00782	7-02	5A	W74-00861	7-02	6E	W74-00940	7-02	6A
W74-00704	7-02	5C	W74-00783	7-02	5D	W74-00862	7-02	6E	W74-00941	7-02	8G
W74-00705	7-02	5C	W74-00784	7-02	5D	W74-00863	7-02	6E	W74-00942	7-02	5B
W74-00705	7-02	5C	W74-00784 W74-00785	7-02	5D	W74-00864	7-02	6E	W74-00942	7-02	8B
W74-00707	7-02	5C	W74-00786	7-02	5D	W74-00865	7-02	6E	W74-00944	7-02	8G

W/4-00943			
W74-00945 7-02 8G	W74-01024 7-02 5C	W74-01103 7-03 5D	W74-01182 7-03 2J
W74-00945 7-02 8G	W74-01025 7-02 2D	W74-01104 7-03 2G	W74-01183 7-03 2L
W74-00947 7-02 8G	W74-01026 7-02 3F	W74-01105 7-03 3B	W74-01184 7-03 2H W74-01185 7-03 2L
W74-00948 7-02 8G	W74-01027 7-02 3F	W74-01106 7-03 4B W74-01107 7-03 5D	W74-01185 7-03 2L W74-01186 7-03 5B
W74-00949 7-02 5F	W74-01028 7-02 6E W74-01029 7-02 4A	W74-01107 7-03 5C	W74-01187 7-03 2E
W74-00950 7-02 8G	W74-01029 7-02 4A W74-01030 7-02 6B	W74-01109 7-03 5C	W74-01188 7-03 2L
W74-00951 7-02 8B W74-00952 7-02 5F	W74-01031 7-02 4A	W74-01110 7-03 4C	W74-01189 7-03 2E
W74-00953 7-02 8B	W74-01032 7-02 6B	W74-01111 7-03 2B	W74-01190 7-03 2E
W74-00954 7-02 5B	W74-01033 7-02 6B	W74-01112 7-03 6D	W74-01191 7-03 2J W74-01192 7-03 2J
W74-00955 7-02 8E	W74-01034 7-02 5D	W74-01113 7-03 2F W74-01114 7-03 2F	W74-01192 7-03 2J W74-01193 7-03 2L
W74-00956 7-02 8G	W74-01035 7-02 5D W74-01036 7-02 5D	W74-01115 7-03 5B	W74-01194 7-03 2E
W74-00957 7-02 5D W74-00958 7-02 5D	W74-01036 7-02 6B	W74-01116 7-03 5A	W74-01195 7-03 2J
W74-00959 7-02 5G	W74-01038 7-02 6F	W74-01117 7-03 5C	W74-01196 7-03 5B
W74-00960 7-02 5D	W74-01039 7-02 6B	W74-01118 7-03 5D	W74-01197 7-03 2L W74-01198 7-03 2L
W74-00961 7-02 5G	W74-01040 7-02 6D	W74-01119 7-03 9A W74-01120 7-03 4B	W74-01198 7-03 2L W74-01199 7-03 2L
W74-00962 7-02 5D	W74-01041 7-02 5D	W74-01120 7-03 4B W74-01121 7-03 5B	W74-01200 7-03 2L
W74-00963 7-02 5G W74-00964 7-02 5D	W74-01042 7-02 5D W74-01043 7-02 2L	W74-01122 7-03 2J	W74-01201 7-03 2E
W74-00964 7-02 5D W74-00965 7-02 5G	W74-01044 7-02 5C	W74-01123 7-03 2E	W74-01202 7-03 3F
W74-00966 7-02 5D	W74-01045 7-02 6B	W74-01124 7-03 5D	W74-01203 7-03 2E
W74-00967 7-02 5D	W74-01046 7-02 5B	W74-01125 7-03 2J	W74-01204 7-03 2L W74-01205 7-03 2L
W74-00968 7-02 5G	W74-01047 7-02 5D	W74-01126 7-03 2A W74-01127 7-03 2A	W74-01205 7-03 2L W74-01206 7-03 2E
W74-00969 7-02 5D	W74-01048 7-02 6B W74-01049 7-02 3A	W74-01127 7-03 2A W74-01128 7-03 2A	W74-01207 7-03 2L
W74-00970 7-02 2I W74-00971 7-02 2I	W74-01049 7-02 3A W74-01050 7-02 3A	W74-01129 7-03 2F	W74-01208 7-03 2L
W74-00971 7-02 21 W74-00972 7-02 5C	W74-01051 7-02 3F	W74-01130 7-03 2H	W74-01209 7-03 2H
W74-00973 7-02 2I	W74-01052 7-02 6B	W74-01131 7-03 5B	W74-01210 7-03 2L
W74-00974 7-02 2I	W74-01053 7-02 5D	W74-01132 7-03 2C	W74-01211 7-03 3F W74-01212 7-03 2J
W74-00975 7-02 2I	W74-01054 7-02 5B	W74-01133 7-03 4A W74-01134 7-03 2J	W74-01212 7-03 2J
W74-00976 7-02 2H	W74-01055 7-02 7B W74-01056 7-02 6B	W74-01134 7-03 2J W74-01135 7-03 3E	W74-01214 7-03 2H
W74-00977 7-02 2I W74-00978 7-02 5C	W74-01056 7-02 6B W74-01057 7-02 3C	W74-01136 7-03 4B	W74-01215 7-03 8B
W74-00978 7-02 5C W74-00979 7-02 5C	W74-01058 7-02 8A	W74-01137 7-03 4B	W74-01216 7-03 2J
W74-00980 7-02 3F	W74-01059 7-02 8A	W74-01138 7-03 6E	W74-01217 7-03 2H
W74-00981 7-02 3F	W74-01060 7-02 8A	W74-01139 7-03 4C	W74-01218 7-03 2E W74-01219 7-03 2H
W74-00982 7-02 2H	W74-01061 7-02 8A	W74-01140 7-03 2E W74-01141 7-03 2F	W74-01219 7-03 2L
W74-00983 7-02 4A	W74-01062 7-02 8A W74-01063 7-02 8A	W74-01142 7-03 4B	W74-01221 7-03 5B
W74-00984 7-02 2K W74-00985 7-02 2G	W74-01063 7-02 8A	W74-01143 7-03 7C	W74-01222 7-03 2L
W74-00986 7-02 2G	W74-01065 7-02 8A	W74-01144 7-03 7C	W74-01223 7-03 2E
W74-00987 7-02 2G	W74-01066 7-02 8A	W74-01145 7-03 7C	W74-01224 7-03 5A
W74-00988 7-02 4D	W74-01067 7-02 8A	W74-01146 7-03 7C W74-01147 7-03 7C	W74-01225 7-03 5A W74-01226 7-03 2K
W74-00989 7-02 3F	W74-01068 7-02 8A W74-01069 7-02 8A	W74-01147 7-03 7C W74-01148 7-03 5G	W74-01227 7-03 3F
W74-00990 7-02 2I W74-00991 7-02 5C	W74-01069 7-02 8A W74-01070 7-02 8A	W74-01149 7-03 2B	W74-01228 7-03 2G
W74-00991 7-02 5C W74-00992 7-02 5F	W74-01071 7-02 4A	W74-01150 7-03 4A	W74-01229 7-03 3F
W74-00993 7-02 5B	W74-01072 7-02 8I	W74-01151 7-03 4B	W74-01230 7-03 2I
W74-00994 7-02 5B	W74-01073 7-02 5C	W74-01152 7-03 2E	W74-01231 7-03 3B W74-01232 7-03 5G
W74-00995 7-02 2I	W74-01074 7-02 5A	W74-01153 7-03 2K W74-01154 7-03 5A	W74-01232 7-03 2F
W74-00996 7-02 3F	W74-01075 7-02 4A W74-01076 7-02 2I	W74-01155 7-03 2F	W74-01234 7-03 2H
W74-00997 7-02 5C W74-00998 7-02 7B	W74-01077 7-02 2I	W74-01156 7-03 7B	W74-01235 7-03 8I
W74-00999 7-02 2H	W74-01078 7-02 2I	W74-01157 7-03 7C	W74-01236 7-03 5F
W74-01000 7-02 2I	W74-01079 7-02 2H	W74-01158 7-03 7B	W74-01237 7-03 8I W74-01238 7-03 3F
W74-01001 7-02 5C	W74-01080 7-02 8I	W74-01159 7-03 7B W74-01160 7-03 7B	W74-01239 7-03 5B
W74-01002 7-02 5B	W74-01081 7-02 8I W74-01082 7-02 8I	W74-01161 7-03 2C	W74-01240 7-03 5A
W74-01003 7-02 5C W74-01004 7-02 7B	W74-01083 7-02 8I	W74-01162 7-03 2H	W74-01241 7-03 3F
W74-01005 7-02 5B	W74-01084 7-02 8I	W74-01163 7-03 7C	W74-01242 7-03 5B
W74-01006 7-02 5B	W74-01085 7-02 2I	W74-01164 7-03 3F	W74-01243 7-03 3F
W74-01007 7-02 2L	W74-01086 7-02 7C	W74-01165 7-03 4A W74-01166 7-03 7C	W74-01244 7-03 2I W74-01245 7-03 3F
W74-01008 7-02 2K	W74-01087 7-02 2G W74-01088 7-02 2G	W74-01166 7-03 7C W74-01167 7-03 5A	W74-01246 7-03 3F
W74-01009 7-02 2H W74-01010 7-02 7B	W74-01088 7-02 2G W74-01089 7-02 2K	W74-01168 7-03 7C	W74-01247 7-03 7B
W74-01010 7-02 7B	W74-01090 7-02 2E	W74-01169 7-03 7B	W74-01248 7-03 2I
W74-01012 7-02 5C	W74-01091 7-02 7C	W74-01170 7-03 7B	W74-01249 7-03 3F
W74-01013 7-02 4A	W74-01092 7-02 5B	W74-01171 7-03 7B	W74-01250 7-03 5B W74-01251 7-03 4A
W74-01014 7-02 2H	W74-01093 7-02 8D	W74-01172 7-03 2H W74-01173 7-03 2H	W74-01251 7-03 4A W74-01252 7-03 2G
W74-01015 7-02 2I	W74-01094 7-02 2C W74-01095 7-02 5A	W74-01173 7-03 2H W74-01174 7-03 4D	W74-01253 7-03 5B
W74-01016 7-02 2H W74-01017 7-02 5C	W74-01095 7-02 5A W74-01096 7-02 4A	W74-01175 7-03 2L	W74-01254 7-03 2D
W74-01017 7-02 5C W74-01018 7-02 2L	W74-01097 7-02 2I	W74-01176 7-03 2E	W74-01255 7-03 2G
W74-01019 7-02 8I	W74-01098 7-02 4A	W74-01177 7-03 2L	W74-01256 7-03 5B
W74-01020 7-02 2H	W74-01099 7-02 3F	W74-01178 7-03 2L	W74-01257 7-03 2L
W74-01021 7-02 8I	W74-01100 7-02 8I	W74-01179 7-03 2E W74-01180 7-03 2J	W74-01258 7-03 2I W74-01259 7-03 2I
W74-01022 7-02 8I	W74-01101 7-03 5G W74-01102 7-03 6B	W74-01180 7-03 2J W74-01181 7-03 8A	W74-01260 7-03 5B
W74-01023 7-02 2I	W74-01102 7-03 6B		

									THE A O. LOS	7-03	70
W74-01261	7-03	21	W74-01340	7-03	5B	W74-01419	7-03	5A			7B
W74-01262	7-03	5G	W74-01341	7-03	2H	W74-01420	7-03	5C	W74-01499	7-03	5C
W74-01263	7-03	2K	W74-01342	7-03	2K	W74-01421	7-03	5A	W74-01500	7-03	7B
W74-01264	7-03	21	W74-01343	7-03	5A	W74-01422	7-03	5C	W74-01501	7-03	7B
W74-01265	7-03	2H	W74-01344	7-03	2K	W74-01423	7-03	5C	W74-01502	7-03	5C
	7-03	2J	W74-01345	7-03	5A	W74-01424	7-03	5C	W74-01503	7-03	5C
W74-01266						W74-01425	7-03	5A	W74-01504	7-03	5B
W74-01267	7-03	5C	W74-01346	7-03	21						
W74-01268	7-03	2K	W74-01347	7-03	5B	W74-01426	7-03	5A	W74-01505	7-03	5A
W74-01269	7-03	7C	W74-01348	7-03	5B	W74-01427	7-03	5C	W74-01506	7-03	5A
W74-01270	7-03	7C	W74-01349	7-03	21	W74-01428	7-03	5C	W74-01507	7-03	7C
W74-01271	7-03	8B	W74-01350	7-03	5A	W74-01429	7-03	5C	W74-01508	7-03	5C
W74-01272	7-03	2J	W74-01351	7-03	2H	W74-01430	7-03	5B	W74-01509	7-03	5A
						W74-01431	7-03	5C	W74-01510	7-03	5C
W74-01273	7-03	4B	W74-01352	7-03	5B						
W74-01274	7-03	2J	W74-01353	7-03	5A	W74-01432	7-03	5C	W74-01511	7-03	2K
W74-01275	7-03	8B	W74-01354	7-03	5A	W74-01433	7-03	5A	W74-01512	7-03	2K
W74-01276	7-03	8B	W74-01355	7-03	5A	W74-01434	7-03	5C	W74-01513	7-03	5A
W74-01277	7-03	8B	W74-01356	7-03	2K	W74-01435	7-03	5C	W74-01514	7-03	5A
W74-01278	7-03	2A	W74-01357	7-03	5A	W74-01436	7-03	5C	W74-01515	7-03	5B
									W74-01516	7-03	5B
W74-01279	7-03	2.5	W74-01358	7-03	5A	W74-01437	7-03	5B			
W74-01280	7-03	5D	W74-01359	7-03	5A	W74-01438	7-03	5A	W74-01517	7-03	5 B
W74-01281	7-03	2L	W74-01360	7-03	5A	W74-01439	7-03	5A	W74-01518	7-03	5C
W74-01282	7-03	5D	W74-01361	7-03	5A	W74-01440	7-03	5A	W74-01519	7-03	7B
W74-01283	7-03	7B	W74-01362	7-03	21	W74-01441	7-03	5A	W74-01520	7-03	7C
					5A	W74-01442	7-03	5A	W74-01521	7-03	7B
W74-01284	7-03	5D	W74-01363	7-03						7-03	
W74-01285	7-03	2E	W74-01364	7-03	5A	W74-01443	7-03	5A	W74-01522		5A
W74-01286	7-03	5D	W74-01365	7-03	2K	W74-01444	7-03	5A	W74-01523	7-03	5C
W74-01287	7-03	5C	W74-01366	7-03	5A	W74-01445	7-03	7B	W74-01524	7-03	5C
W74-01288	7-03	2K	W74-01367	7-03	3F	W74-01446	7-03	5A	W74-01525	7-03	5C
	7-03	8B	W74-01368	7-03	5C	W74-01447	7-03	5G	W74-01526	7-03	5A
W74-01289									W74-01527	7-03	5C
W74-01290	7-03	7C	W74-01369	7-03	6E	W74-01448	7-03	2L			
W74-01291	7-03	7C	W74-01370	7-03	2F	W74-01449	7-03	5G	W74-01528	7-03	5B
W74-01292	7-03	7C	W74-01371	7-03	21	W74-01450	7-03	5G	W74-01529	7-03	5A
W74-01293	7-03	7C	W74-01372	7-03	2L	W74-01451	7-03	5G	W74-01530	7-03	5C
W74-01294	7-03	7C	W74-01373	7-03	5B	W74-01452	7-03	4A	W74-01531	7-03	5B
				7-03	2C	W74-01453	7-03	21	W74-01532	7-03	5A
W74-01295	7-03	7C	W74-01374								
W74-01296	7-03	7C	W74-01375	7-03	2C	W74-01454	7-03	6E	W74-01533	7-03	5D
W74-01297	7-03	5	W74-01376	7-03	2C	W74-01455	7-03	6E	W74-01534	7-03	5A
W74-01298	7-03	5C	W74-01377	7-03	2C	W74-01456	7-03	6E	W74-01535	7-03	5C
W74-01299	7-03	21	W74-01378	7-03	2C	W74-01457	7-03	6E	W74-01536	7-03	5B
				7-03	2C	W74-01458		6E	W74-01537	7-03	5B
W74-01300	7-03	5A	W74-01379						W74-01538	7-03	5C
W74-01301	7-03	5A	W74-01380	7-03	2C	W74-01459		6E			
W74-01302	7-03	5B	W74-01381	7-03	2C	W74-01460	7-03	5G	W74-01539	7-03	5B
W74-01303	7-03	2K	W74-01382	7-03	6B	W74-01461	7-03	5G	W74-01540	7-03	5B
W74-01304	7-03	5A	W74-01383	7-03	7C	W74-01462	7-03	6E	W74-01541	7-03	5B
W74-01305	7-03	5A	W74-01384	7-03		W74-01463		3B	W74-01542	7-03	5C
						W74-01464		6D	W74-01543	7-03	5C
W74-01306	7-03	5A	W74-01385	7-03							
W74-01307	7-03	5B	W74-01386	7-03		W74-01465		6E	W74-01544	7-03	5B
W74-01308	7-03	5A	W74-01387	7-03	6B	W74-01466	7-03	5F	W74-01545	7-03	5A
W74-01309	7-03	5A	W74-01388	7-03	2J	W74-01467	7-03	6B	W74-01546	7-03	5A
W74-01310	7-03	5C	W74-01389	7-03	2J	W74-01468	7-03	6A	W74-01547	7-03	7B
W74-01311	7-03	5A	W74-01390	7-03		W74-01469	7-03	5D	W74-01548	7-03	5C
				7-03		W74-01470		5D	W74-01549	7-03	5A
W74-01312	7-03	5C	W74-01391								
W74-01313	7-03	5C	W74-01392	7-03		W74-01471			W74-01550	7-03	5B
W74-01314	7-03	5A	W74-01393	7-03	2C	W74-01472	7-03		W74-01551	7-03	5A
W74-01315	7-03	5A	W74-01394	7-03	2K	W74-01473	7-03	5D	W74-01552	7-03	5B
W74-01316	7-03	5A	W74-01395	7-03		W74-01474	7-03	5D	W74-01553	7-03	5F
W74-01317	7-03	5A	W74-01396	7-03		W74-01475			W74-01554	7-03	5A
	7-03	5A	W74-01397	7-03		W74-01476			W74-01555	7-03	5B
W74-01318											3F
W74-01319	7-03	5A	W74-01398	7-03		W74-0147			W74-01556	7-03	
W74-01320	7-03	5B	W74-01399	7-03	5A	W74-01478			W74-01557	7-03	3F
W74-01321	7-03	5C	W74-01400	7-03	5B	W74-01479	7-03	3D	W74-01558	7-03	2H
W74-01322	7-03	5A	W74-01401	7-03	5B	W74-01486	7-03	6D	W74-01559	7-03	5D
W74-01323	7-03	5A	W74-01402	7-03		W74-0148			W74-01560	7-03	5C
			W74-01403	7-03		W74-01482			W74-01561	7-03	21
W74-01324	7-03	5A									
W74-01325	7-03	5A	W74-01404	7-03		W74-01483			W74-01562	7-03	2H
W74-01326	7-03	5B	W74-01405	7-03		W74-01484			W74-01563	7-03	2F
W74-01327	7-03	5C	W74-01406	7-03	2K	W74-01485	7-03	5D	W74-01564	7-03	5C
W74-01328	7-03	5B	W74-01407	7-03	5B	W74-01486	7-03	5B	W74-01565	7-03	5B
W74-01329	7-03	5A	W74-01408	7-03		W74-0148			W74-01566	7-03	21
				7-03		W74-0148			W74-01567	7-03	5C
W74-01330	7-03	2K	W74-01409						W74-01568	7-03	21
W74-01331	7-03	2K	W74-01410	7-03		W74-01489					
W74-01332	7-03	5A	W74-01411	7-03		W74-0149			W74-01569	7-03	21
W74-01333	7-03	5A	W74-01412	7-03	5C	W74-0149			W74-01570	7-03	6B
W74-01334	7-03	2K	W74-01413	7-03		W74-0149	2 7-03	5A	W74-01571	7-03	5C
W74-01335	7-03	2K	W74-01414	7-03		W74-0149			W74-01572	7-03	
W74-01336	7-03		W74-01415	7-03		W74-0149			W74-01573	7-03	5C
		5A				W74-0149			W74-01574	7-03	2G
W74-01337		2K	W74-01416	7-03							
W74-01338		2K	W74-01417	7-03		W74-0149			W74-01575	7-03	
W74-01339	7-03	7B	W74-01418	7-03	5A	W74-0149	7 7-03	3 7C	W74-01576	7-03	2G

W74-01577	7-03	5A	W74-01656	7-04	5D	W74-01735	7-04				5C
W74-01578	7-03	5F	W74-01657	7-04	3F	W74-01736	7-04	1 2G	W74-01815	7-04	21
W74-01579	7-03	5C	W74-01658	7-04	2K	W74-01737	7-04	1 21	W74-01816	7-04	3F
			W74-01659	7-04	5A	W74-01738	7-04		W74-01817	7-04	2K
W74-01580	7-03	5F							W74-01818	7-04	5C
W74-01581	7-03	5G	W74-01660	7-04	2H	W74-01739	7-04				
W74-01582	7-03	4A	W74-01661	7-04	2B	W74-01740	7-04	4 5C	W74-01819	7-04	5B
W74-01583	7-03	2G	W74-01662	7-04	6B	W74-01741	7-04	4 5G	W74-01820	7-04	5C
				7-04	7B	W74-01742	7-04		W74-01821	7-04	5C
W74-01584	7-03	5D	W74-01663						W74-01822	7-04	5C
W74-01585	7-03	21	W74-01664	7-04	7C	W74-01743	7-04				
W74-01586	7-03	21	W74-01665	7-04	3F	W74-01744	7-04	4 3F	W74-01823	7-04	5C
W74-01587	7-03	5C	W74-01666	7-04	3F	W74-01745	7-04	4 2H	W74-01824	7-04	5C
				7-04	3F	W74-01746	7-04		W74-01825	7-04	5C
W74-01588	7-03	21	W74-01667							7-04	5C
W74-01589	7-03	21	W74-01668	7-04	3F	W74-01747	7-04		W74-01826		
W74-01590	7-03	21	W74-01669	7-04	3F	W74-01748	7-0-	4 3F	W74-01827	7-04	21
W74-01591	7-03	21	W74-01670	7-04	3F	W74-01749	7-0-	4 5A	W74-01828	7-04	5C
			W74-01671	7-04	4A	W74-01750	7-0		W74-01829	7-04	6B
W74-01592	7-03	21							W74-01830	7-04	6C
W74-01593	7-03	21	W74-01672	7-04	4A	W74-01751	7-0-				
W74-01594	7-03	2E	W74-01673	7-04	4A	W74-01752	7-0	4 2G	W74-01831	7-04	6B
W74-01595	7-03	3F	W74-01674	7-04	4A	W74-01753	7-0	4 2G	W74-01832	7-04	6B
		3F	W74-01675	7-04	4A	W74-01754	7-0		W74-01833	7-04	6C
W74-01596	7-03								W74-01834	7-04	6C
W74-01597	7-03	2D	W74-01676	7-04	4A	W74-01755	7-0				
W74-01598	7-03	5C	W74-01677	7-04	2G	W74-01756	7-0	4 5D	W74-01835	7-04	5G
W74-01599	7-03	3F	W74-01678	7-04	2G	W74-01757	7-0	4 5C	W74-01836	7-04	6C
						W74-01758	7-0		W74-01837	7-04	6A
W74-01600	7-03	2K	W74-01679	7-04	3F						
W74-01601	7-03	21	W74-01680	7-04	3F	W74-01759	7-0		W74-01838	7-04	6C
W74-01602	7-03	21	W74-01681	7-04	4A	W74-01760	7-0	4 21	W74-01839	7-04	4A
	7-03	2H	W74-01682	7-04	4A	W74-01761	7-0	4 3F	W74-01840	7-04	5G
W74-01603									W74-01841	7-04	5G
W74-01604	7-03	2G	W74-01683	7-04	4A	W74-01762					
W74-01605	7-03	3F	W74-01684	7-04	3F	W74-01763	7-0	4 2H	W74-01842	7-04	3F
W74-01606	7-03	3F	W74-01685	7-04	3F	W74-01764	7-0	4 2I	W74-01843	7-04	2H
				7-04	3F	W74-01765			W74-01844	7-04	5G
W74-01607	7-03	21	W74-01686								
W74-01608	7-03	2H	W74-01687	7-04	3F	W74-01766			W74-01845	7-04	6B
W74-01609	7-03	21	W74-01688	7-04	3F	W74-0176	7-0	14 2I	W74-01846	7-04	6B
W74-01610	7-03	4A	W74-01689	7-04	3F	W74-01768	7-0	4 5A	W74-01847	7-04	4C
						W74-01769			W74-01848	7-04	6G
W74-01611	7-03	4A	W74-01690	7-04	7C						
W74-01612	7-03	6E	W74-01691	7-04	7C	W74-0177		14 2G	W74-01849	7-04	6G
W74-01613	7-03	5G	W74-01692	7-04	7C	W74-0177	7-0	04 7B	W74-01850	7-04	6F
	7-03	6E	W74-01693	7-04	7C	W74-0177	7-0	04 5A	W74-01851	7-04	6F
W74-01614									W74-01852	7-04	5G
W74-01615	7-03	5G	W74-01694	7-04	7C	W74-0177					
W74-01616	7-03	6E	W74-01695	7-04	3F	W74-0177	7-0	04 2G	W74-01853	7-04	6E
W74-01617	7-03	6E	W74-01696	7-04	23	W74-0177	7-0	04 5C	W74-01854	7-04	5D
						W74-0177			W74-01855	7-04	3D
W74-01618	7-03	6E	W74-01697	7-04	7C						
W74-01619	7-03	6E	W74-01698	7-04	7B	W74-0177			W74-01856	7-04	4D
W74-01620	7-03	5G	W74-01699	7-04	2C	W74-0177	3 7-0	04 5C	W74-01857	7-04	4D
	7-03	4D	W74-01700	7-04	2C	W74-0177		04 5B	W74-01858	7-04	6B
W74-01621									W74-01859	7-04	6B
W74-01622	7-03	4B	W74-01701	7-04	2C	W74-0178					
W74-01623	7-03	7C	W74-01702	7-04	7C	W74-0178	7-0	04 2B	W74-01860	7-04	6B
W74-01624	7-03	7B	W74-01703	7-04	2C	W74-0178	2 7-6	04 4C	W74-01861	7-04	6B
				7-04		W74-0178			W74-01862	7-04	6C
W74-01625	7-03	6B	W74-01704							7-04	5D
W74-01626	7-03	2C	W74-01705	7-04	7C	W74-0178			W74-01863		
W74-01627	7-03	4B	W74-01706	7-04	7C	W74-0178	5 7-0	04 6E	W74-01864	7-04	6G
W74-01628	7-03	6B	W74-01707	7-04	7C	W74-0178	5 7-6	04 5B	W74-01865	7-04	5F
						W74-0178			W74-01866	7-04	5D
W74-01629	7-03	6B	W74-01708								
W74-01630	7-03	5C	W74-01709	7-04	7C	W74-0178			W74-01867	7-04	6B
W74-01631	7-03	5E	W74-01710	7-04	7C	W74-0178	9 7-1	04 5B	W74-01868	7-04	5D
W74-01632	7-03	5C	W74-01711	7-04		W74-0179	0 7-	04 5B	W74-01869	7-04	5G
						W74-0179			W74-01870	7-04	2D
W74-01633	7-03	3F	W74-01712								
W74-01634	7-03	2D	W74-01713	7-04		W74-0179			W74-01871	7-04	6B
W74-01635	7-03	21	W74-01714	7-04	5E	W74-0179	3 7-1	04 5B	W74-01872	7-04	6B
W74-01636		2G	W74-01715			W74-0179	4 7-	04 5B	W74-01873	7-04	6F
						W74-0179			W74-01874	7-04	2E
W74-01637		4A	W74-01716								
W74-01638			W74-01717			W74-0179			W74-01875	7-04	2E
W74-01639	7-03	3C	W74-01718	7-04	4A	W74-0179	7 7-1	04 5B	W74-01876	7-04	2E
W74-01640			W74-01719	7-04	2J	W74-0179	8 7-	04 5C	W74-01877	7-04	2J
						W74-0179		04 5C	W74-01878	7-04	2J
W74-01641			W74-01720								
W74-01642			W74-01721			W74-0180		04 5C	W74-01879	7-04	2J
W74-01643		6B	W74-01722	7-04	2E	W74-0180	1 7-	04 5C	W74-01880		81
W74-01644			W74-01723			W74-0180		04 5C	W74-01881	7-04	5B
						W74-0180		04 5C	W74-01882		5G
W74-01645			W74-01724								
W74-01646	7-03	5A	W74-01725	7-04	5B	W74-0180		-04 5C	W74-01883	7-04	2H
W74-01647			W74-01726		5B	W74-0180	5 7-	-04 5C	W74-01884	7-04	4D
			W74-01727			W74-0180		-04 5C	W74-01885		7C
W74-01648											5G
W74-01649	7-03		W74-01728			W74-0180		-04 5C	W74-01886		
W74-01650	7-03	2E	W74-01729	7-04	5B	W74-0180	8 7-	-04 5C	W74-01887		4B
W74-01651			W74-01730			W74-0186	9 7-	-04 5C	W74-01888	7-04	2B
						W74-018		-04 5C	W74-01889		4D
W74-01652			W74-01731								
W74-01653	7-04	5C	W74-01732	2 7-04		W74-018		-04 5C	W74-01890		
W74-01654	7-04	5B	W74-01733	7-04	1 2H	W74-018	2 7-	-04 5C	W74-01891		
W74-01655			W74-01734			W74-018		-04 5C	W74-01892	7-04	21
	7-04	0.00	11,13175								

W74-01893	7-04	3F	W74-01972	7-04	5D	W74-02051	7-04	5B	W74-02130	7-04	5D
W74-01894	7-04	21	W74-01973	7-04	3F	W74-02052	7-04	5B	W74-02131	7-04	5D
W74-01895	7-04	21	W74-01974	7-04	5B	W74-02053	7-04	5C	W74-02132	7-04	5B
W74-01896	7-04	2G	W74-01975	7-04	5G	W74-02054	7-04	5B	W74-02133	7-04	5D
									W74-02134		
W74-01897	7-04	3F	W74-01976	7-04	5A	W74-02055	7-04	5B		7-04	8F
W74-01898	7-04	5F	W74-01977	7-04	7B	W74-02056	7-04	5B	W74-02135	7-04	5D
W74-01899	7-04	21	W74-01978	7-04	2G	W74-02057	7-04	5B	W74-02136	7-04	5D
	7-04	5C	W74-01979	7-04	2H	W74-02058	7-04	5B	W74-02137	7-04	4D
W74-01900											
W74-01901	7-04	81	W74-01980	7-04	5C	W74-02059	7-04	5C	W74-02138	7-04	4B
W74-01902	7-04	5B	W74-01981	7-04	21	W74-02060	7-04	5C	W74-02139	7-04	2K
W74-01903	7-04	2G	W74-01982	7-04	21	W74-02061	7-04	5C	W74-02140	7-04	4D
W74-01904	7-04	5C	W74-01983	7-04	3F	W74-02062	7-04	5C	W74-02141	7-04	4B
W74-01905	7-04	5C	W74-01984	7-04	2L	W74-02063	7-04	5C	W74-02142	7-04	6D
W74-01906	7-04	5D	W74-01985	7-04	5B	W74-02064	7-04	5C	W74-02143	7-04	5C
W74-01907	7-04	3A	W74-01986	7-04	2L	W74-02065	7-04	5C	W74-02144	7-04	2E
				7-04	5G	W74-02066	7-04	5C	W74-02145	7-04	2F
W74-01908	7-04	3A	W74-01987								
W74-01909	7-04	3A	W74-01988	7-04	2C	W74-02067	7-04	5C	W74-02146	7-04	2L
W74-01910	7-04	3A	W74-01989	7-04	3F	W74-02068	7-04	5C	W74-02147	7-04	5B
W74-01911	7-04	3A	W74-01990	7-04	2D	W74-02069	7-04	5C	W74-02148	7-04	5B
W74-01912	7-04	2F	W74-01991	7-04	2L	W74-02070	7-04	3F	W74-02149	7-04	5B
W74-01913	7-04	8I	W74-01992	7-04	5B	W74-02071	7-04	2G	W74-02150	7-04	5B
W74-01914	7-04	8I	W74-01993	7-04	5B	W74-02072	7-04	2H	W74-02151	7-05	5B
W74-01915	7-04	8I	W74-01994	7-04	3F	W74-02073	7-04	5A	W74-02152	7-05	5B
W74-01916	7-04	2F	W74-01995	7-04	5D	W74-02074	7-04	2G	W74-02153	7-05	5B
W74-01917	7-04	5G	W74-01996	7-04	21	W74-02075	7-04	21	W74-02154	7-05	5B
W74-01918	7-04	5G	W74-01997	7-04	2G	W74-02076	7-04	3F	W74-02155	7-05	5B
W74-01919	7-04	5G	W74-01998	7-04	21	W74-02077	7-04	21	W74-02156	7-05	5B
		2F								7-05	
W74-01920	7-04		W74-01999	7-04	3F	W74-02078	7-04	5B	W74-02157		5B
W74-01921	7-04	4B	W74-02000	7-04	21	W74-02079	7-04	3F	W74-02158	7-05	2E
W74-01922	7-04	5B	W74-02001	7-04	5C	W74-02080	7-04	3F	W74-02159	7-05	7C
W74-01923	7-04	2F	W74-02002	7-04	5B	W74-02081	7-04	2L	W74-02160	7-05	2J
W74-01924	7-04	5D	W74-02003	7-04	5B	W74-02082	7-04	3F	W74-02161	7-05	2E
W74-01925	7-04	5D	W74-02004	7-04	5C	W74-02083	7-04	5A	W74-02162	7-05	8B
W74-01926	7-04	3A	W74-02005	7-04	5C	W74-02084	7-04	21	W74-02163	7-05	5 B
W74-01927		5C	W74-02006	7-04	5C	W74-02085	7-04	2C	W74-02164	7-05	5A
	7-04										
W74-01928	7-04	5B	W74-02007	7-04	2G	W74-02086	7-04	3F	W74-02165	7-05	5B
W74-01929	7-04	5D	W74-02008	7-04	5D	W74-02087	7-04	5A	W74-02166	7-05	5B
W74-01930	7-04	2D	W74-02009	7-04	5D	W74-02088	7-04	2I	W74-02167	7-05	2K
W74-01931	7-04	3A	W74-02010	7-04	5D	W74-02089	7-04	3F	W74-02168	7-05	5C
W74-01932	7-04	3A	W74-02011	7-04	5B	W74-02090	7-04	3F	W74-02169	7-05	5C
W74-01933	7-04	3A	W74-02012	7-04	5C	W74-02091	7-04	2H	W74-02170	7-05	5A
							7-04	5B		7-05	
W74-01934	7-04	3A	W74-02013	7-04	5B	W74-02092			W74-02171		4A
W74-01935	7-04	3A	W74-02014	7-04	5D	W74-02093	7-04	5G	W74-02172	7-05	2A
W74-01936	7-04	3A	W74-02015	7-04	5B	W74-02094	7-04	2L	W74-02173	7-05	2E
W74-01937	7-04	3A	W74-02016	7-04	5B	W74-02095	7-04	2C	W74-02174	7-05	2E
W74-01938	7-04	3A	W74-02017	7-04	5B	W74-02096	7-04	2H	W74-02175	7-05	5D
W74-01939	7-04	8A	W74-02018	7-04	5B	W74-02097	7-04	5C	W74-02176	7-05	5D
W74-01940	7-04	2J	W74-02019	7-04	5B	W74-02098	7-04	5C	W74-02177	7-05	5D
	7-04	5B		7-04		W74-02099	7-04	5C	W74-02178	7-05	5B
W74-01941			W74-02020								
W74-01942	7-04	4B	W74-02021	7-04	5B	W74-02100	7-04	6G	W74-02179	7-05	5D
W74-01943	7-04	2E	W74-02022	7-04	5B	W74-02101	7-04	5C	W74-02180	7-05	5 B
W74-01944	7-04	5B	W74-02023	7-04	5B	W74-02102	7-04	5C	W74-02181	7-05	5A
W74-01945	7-04	8D	W74-02024	7-04		W74-02103	7-04	5A	W74-02182	7-05	5A
W74-01946	7-04	5B	W74-02025	7-04	5C	W74-02104	7-04	3F	W74-02183	7-05	2D
W74-01947	7-04	3B	W74-02026	7-04	5G	W74-02105	7-04	21	W74-02184	7-05	2C
W74-01948	7-04	4D	W74-02027	7-04		W74-02106	7-04	6G	W74-02185	7-05	2L
W74-01949	7-04	7B	W74-02028	7-04		W74-02107	7-04	2H	W74-02186	7-05	5D
W74-01950	7-04	4D	W74-02029	7-04	5B	W74-02108	7-04	7B	W74-02187	7-05	2E
W74-01951	7-04	4D	W74-02030	7-04	5G	W74-02109	7-04	21	W74-02188	7-05	6B
W74-01952	7-04	4A	W74-02031	7-04		W74-02110	7-04	6B	W74-02189	7-05	5B
W74-01953	7-04	2E	W74-02032	7-04		W74-02111	7-04	2H	W74-02190	7-05	2K
W74-01954	7-04	2L	W74-02033	7-04	5D	W74-02112	7-04	21	W74-02191	7-05	5B
W74-01955	7-04	2C	W74-02034	7-04		W74-02113	7-04	6B	W74-02192	7-05	2G
W74-01956	7-04	2J	W74-02035	7-04		W74-02114	7-04	5D	W74-02193	7-05	2G
W74-01957	7-04	2F	W74-02036	7-04		W74-02115	7-04	6B	W74-02194	7-05	2G
W74-01958	7-04	4B	W74-02037	7-04	5G	W74-02116	7-04	10B	W74-02195	7-05	5C
W74-01959	7-04	2H	W74-02038	7-04		W74-02117	7-04	4A	W74-02196	7-05	5C
W74-01960	7-04	2J	W74-02039	7-04		W74-02118	7-04	5C	W74-02197	7-05	5C
W74-01961	7-04	2J	W74-02040	7-04		W74-02119	7-04	2E	W74-02198	7-05	5B
W74-01962	7-04	2F	W74-02041	7-04	5D	W74-02120	7-04	4A	W74-02199	7-05	5B
W74-01963	7-04	2G	W74-02042	7-04		W74-02121	7-04	4A	W74-02200	7-05	2G
W74-01964	7-04	2J	W74-02043	7-04		W74-02122	7-04	4A	W74-02201	7-05	5C
W74-01965	7-04	4B	W74-02044	7-04	5D	W74-02123	7-04	5D	W74-02202	7-05	6B
W74-01966	7-04	5A	W74-02045	7-04		W74-02124	7-04	3F	W74-02203	7-05	6B
W74-01967	7-04	5B	W74-02046	7-04		W74-02125	7-04	5D	W74-02204	7-05	
											6B
W74-01968	7-04	6E	W74-02047	7-04		W74-02126	7-04	5D	W74-02205	7-05	4A
W74-01969	7-04	2K	W74-02048	7-04	5B	W74-02127	7-04	2E	W74-02206	7-05	2F
W74-01970		4B	W74-02049	7-04		W74-02128	7-04	4A	W74-02207	7-05	5C
W74-01971	7-04	5D	W74-02050	7-04	5C	W74-02129	7-04	4A	W74-02208	7-05	5D

ACCESSION NUMBER INDEX

W74-02209			
W74-02209 7-05 2E	W74-02288 7-05 2J	W74-02367 7-05 2K	W74-02446 7-05 2F
W74-02210 7-05 5B	W74-02289 7-05 2D	W74-02368 7-05 5A	W74-02447 7-05 2C
W74-02211 7-05 5B	W74-02290 7-05 2E	W74-02369 7-05 5B	W74-02448 7-05 2H W74-02449 7-05 5C
W74-02212 7-05 6B	W74-02291 7-05 2A	W74-02370 7-05 5B W74-02371 7-05 5B	W74-02450 7-05 5C
W74-02213 7-05 5G	W74-02292 7-05 6C W74-02293 7-05 3B	W74-02371 7-03 3B W74-02372 7-05 7B	W74-02451 7-05 5C
W74-02214 7-05 4A	W74-02293 7-05 3B W74-02294 7-05 2C	W74-02373 7-05 5B	W74-02452 7-05 2F
W74-02215 7-05 4A W74-02216 7-05 5C	W74-02295 7-05 4C	W74-02374 7-05 5A	W74-02453 7-05 6C
W74-02217 7-05 5C	W74-02296 7-05 2L	W74-02375 7-05 5C	W74-02454 7-05 2F
W74-02218 7-05 2F	W74-02297 7-05 8I	W74-02376 7-05 2K	W74-02455 7-05 6A W74-02456 7-05 6B
W74-02219 7-05 4B	W74-02298 7-05 2E	W74-02377 7-05 5B W74-02378 7-05 5A	W74-02456 7-05 6B W74-02457 7-05 6B
W74-02220 7-05 2B	W74-02299 7-05 2E W74-02300 7-05 2G	W74-02378 7-05 5A W74-02379 7-05 5A	W74-02458 7-05 6B
W74-02221 7-05 3F W74-02222 7-05 5D	W74-02300 7-05 2G W74-02301 7-05 2G	W74-02380 7-05 5B	W74-02459 7-05 6B
W74-02223 7-05 3D	W74-02302 7-05 2G	W74-02381 7-05 5B	W74-02460 7-05 5B
W74-02224 7-05 4D	W74-02303 7-05 2G	W74-02382 7-05 5B	W74-02461 7-05 3A W74-02462 7-05 6B
W74-02225 7-05 5D	W74-02304 7-05 2G	W74-02383 7-05 5B W74-02384 7-05 5A	W74-02462 7-05 6B W74-02463 7-05 6B
W74-02226 7-05 5C	W74-02305 7-05 2E W74-02306 7-05 2J	W74-02384 7-05 5A W74-02385 7-05 5A	W74-02464 7-05 2G
W74-02227 7-05 5G W74-02228 7-05 8I	W74-02306 7-05 2J W74-02307 7-05 2G	W74-02386 7-05 2H	W74-02465 7-05 5B
W74-02228 7-05 8I W74-02229 7-05 5F	W74-02308 7-05 2A	W74-02387 7-05 5A	W74-02466 7-05 4B
W74-02230 7-05 5F	W74-02309 7-05 8B	W74-02388 7-05 5A	W74-02467 7-05 7B
W74-02231 7-05 5B	W74-02310 7-05 2E	W74-02389 7-05 5A	W74-02468 7-05 4B W74-02469 7-05 2A
W74-02232 7-05 5B	W74-02311 7-05 8B	W74-02390 7-05 5A W74-02391 7-05 5A	W74-02469 7-05 2A W74-02470 7-05 2C
W74-02233 7-05 5B	W74-02312 7-05 8B	W74-02391 7-05 5A W74-02392 7-05 5A	W74-02471 7-05 2E
W74-02234 7-05 2I	W74-02313 7-05 2G W74-02314 7-05 2H	W74-02393 7-05 5A	W74-02472 7-05 4B
W74-02235 7-05 5C W74-02236 7-05 2I	W74-02315 7-05 2E	W74-02394 7-05 5B	W74-02473 7-05 5B
W74-02237 7-05 2I	W74-02316 7-05 8B	W74-02395 7-05 5A	W74-02474 7-05 2E
W74-02238 7-05 2I	W74-02317 7-05 2A	W74-02396 7-05 5A	W74-02475 7-05 8C
W74-02239 7-05 3F	W74-02318 7-05 5B	W74-02397 7-05 5A	W74-02476 7-05 5A W74-02477 7-05 2E
W74-02240 7-05 3F	W74-02319 7-05 4A	W74-02398 7-05 5A W74-02399 7-05 5A	W74-02478 7-05 2E
W74-02241 7-05 8I	W74-02320 7-05 2F W74-02321 7-05 5C	W74-02399 7-05 5A	W74-02479 7-05 7C
W74-02242 7-05 5B W74-02243 7-05 2I	W74-02322 7-05 4B	W74-02401 7-05 5C	W74-02480 7-05 7C
W74-02244 7-05 5B	W74-02323 7-05 4B	W74-02402 7-05 2K	W74-02481 7-05 2L
W74-02245 7-05 5C	W74-02324 7-05 4B	W74-02403 7-05 5A	W74-02482 7-05 5B
W74-02246 7-05 2H	W74-02325 7-05 3F	W74-02404 7-05 5A	W74-02483 7-05 5D W74-02484 7-05 5D
W74-02247 7-05 5D	W74-02326 7-05 5D W74-02327 7-05 5B	W74-02405 7-05 5A W74-02406 7-05 2K	W74-02485 7-05 5D
W74-02248 7-05 7B	W74-02327 7-05 5B W74-02328 7-05 5D	W74-02407 7-05 7B	W74-02486 7-05 5D
W74-02249 7-05 7B W74-02250 7-05 2E	W74-02329 7-05 5D	W74-02408 7-05 5A	W74-02487 7-05 5D
W74-02251 7-05 5D	W74-02330 7-05 5D	W74-02409 7-05 5A	W74-02488 7-05 5G
W74-02252 7-05 5B	W74-02331 7-05 3D	W74-02410 7-05 7B	W74-02489 7-05 5D W74-02490 7-05 3A
W74-02253 7-05 5B	W74-02332 7-05 6B	W74-02411 7-05 2K W74-02412 7-05 5A	W74-02490 7-05 3A W74-02491 7-05 5G
W74-02254 7-05 3B	W74-02333 7-05 2G W74-02334 7-05 5D	W74-02412 7-05 5A W74-02413 7-05 5A	W74-02492 7-05 5G
W74-02255 7-05 5B W74-02256 7-05 5D	W74-02335 7-05 5D	W74-02414 7-05 2K	W74-02493 7-05 5A
W74-02257 7-05 5D	W74-02336 7-05 5D	W74-02415 7-05 2K	W74-02494 7-05 5G
W74-02258 7-05 5D	W74-02337 7-05 5D	W74-02416 7-05 5C	W74-02495 7-05 5G W74-02496 7-05 3A
W74-02259 7-05 5D	W74-02338 7-05 5D	W74-02417 7-05 5A W74-02418 7-05 5A	W74-02496 7-05 3A W74-02497 7-05 6E
W74-02260 7-05 3F	W74-02339 7-05 3D W74-02340 7-05 4B	W74-02418 7-05 5A W74-02419 7-05 5A	W74-02498 7-05 6E
W74-02261 7-05 2H W74-02262 7-05 5D	W74-02340 7-05 4B W74-02341 7-05 2H	W74-02420 7-05 5B	W74-02499 7-05 6E
W74-02262 7-05 5D W74-02263 7-05 5D	W74-02342 7-05 5C	W74-02421 7-05 5A	W74-02500 7-05 6E
W74-02264 7-05 5D	W74-02343 7-05 5A	W74-02422 7-05 2H	W74-02501 7-05 6E
W74-02265 7-05 5F	W74-02344 7-05 2H	W74-02423 7-05 5A	W74-02502 7-05 5G W74-02503 7-05 4A
W74-02266 7-05 5D	W74-02345 7-05 5B W74-02346 7-05 3B	W74-02424 7-05 5A W74-02425 7-05 5C	W74-02504 7-05 4A
W74-02267 7-05 5D	W74-02346 7-05 3B W74-02347 7-05 3F	W74-02426 7-05 5A	W74-02505 7-05 6E
W74-02268 7-05 5D W74-02269 7-05 5D	W74-02348 7-05 2B	W74-02427 7-05 5A	W74-02506 7-05 5G
W74-02270 7-05 5D	W74-02349 7-05 4A	W74-02428 7-05 5A	W74-02507 7-05 2I
W74-02271 7-05 5F	W74-02350 7-05 6B	W74-02429 7-05 5B	W74-02508 7-05 6E W74-02509 7-05 6E
W74-02272 7-05 5D	W74-02351 7-05 4D	W74-02430 7-05 2K W74-02431 7-05 5A	W74-02509 7-05 6E W74-02510 7-05 2L
W74-02273 7-05 5D	W74-02352 7-05 6A W74-02353 7-05 4B	W74-02431 7-05 5A W74-02432 7-05 2K	W74-02511 7-05 5G
W74-02274 7-05 5D W74-02275 7-05 5D	W74-02354 7-05 3F	W74-02433 7-05 5A	W74-02512 7-05 6E
W74-02275 7-05 5D W74-02276 7-05 5C	W74-02355 7-05 2G	W74-02434 7-05 5A	W74-02513 7-05 6E
W74-02277 7-05 5C	W74-02356 7-05 5B	W74-02435 7-05 5B	W74-02514 7-05 6E
W74-02278 7-05 5D	W74-02357 7-05 4B	W74-02436 7-05 5A	W74-02515 7-05 6E W74-02516 7-05 6E
W74-02279 7-05 5D	W74-02358 7-05 6B	W74-02437 7-05 5D W74-02438 7-05 6A	W74-02517 7-05 6E
W74-02280 7-05 5D	W74-02359 7-05 3A W74-02360 7-05 5A	W74-02438 7-05 6A W74-02439 7-05 6B	W74-02518 7-05 6E
W74-02281 7-05 5D W74-02282 7-05 5E	W74-02360 7-05 5A W74-02361 7-05 5A	W74-02440 7-05 5D	W74-02519 7-05 6E
W74-02283 7-05 5D	W74-02362 7-05 5A	W74-02441 7-05 5A	W74-02520 7-05 6E
W74-02284 7-05 5D	W74-02363 7-05 5B	W74-02442 7-05 4C	W74-02521 7-05 6E
W74-02285 7-05 5D	W74-02364 7-05 5A	W74-02443 7-05 5B	W74-02522 7-05 6E W74-02523 7-05 6E
W74-02286 7-05 5D	W74-02365 7-05 5B W74-02366 7-05 2K	W74-02444 7-05 5C W74-02445 7-05 5A	W74-02524 7-05 6E
W74-02287 7-05 4D	W74-02366 7-05 2K	11 17 02113 7 03 311	

									*****		~**
W74-02525	7-05	6E	W74-02604	7-05	7B	W74-02683	7-06	5B	W74-02762	7-06	2H
W74-02526	7-05	6E	W74-02605	7-05	2C	W74-02684	7-06	6A	W74-02763	7-06	2E
W74-02527	7-05	6E	W74-02606	7-05	2B	W74-02685	7-06	5C	W74-02764	7-06	2D
W74-02528	7-05	6E	W74-02607	7-05	2B	W74-02686	7-06	6B	W74-02765	7-06	21
W74-02529	7-05	6E	W74-02608	7-05	2K	W74-02687	7-06	6B	W74-02766	7-06	2D
			W74-02609	7-05	2F	W74-02688	7-06	7B	W74-02767	7-06	2E
W74-02530	7-05	6E					7-06	23	W74-02768	7-06	23
W74-02531	7-05	6E	W74-02610	7-05	2D	W74-02689					23
W74-02532	7-05	6E	W74-02611	7-05	2F	W74-02690	7-06	5C	W74-02769	7-06	
W74-02533	7-05	3F	W74-02612	7-05	2K	W74-02691	7-06	2L	W74-02770	7-06	2E
W74-02534	7-05	6E	W74-02613	7-05	2C	W74-02692	7-06	2L	W74-02771	7-06	2D
W74-02535	7-05	5D	W74-02614	7-05	2C	W74-02693	7-06	23	W74-02772	7-06	5B
		6E	W74-02615	7-05	2E	W74-02694	7-06	2E	W74-02773	7-06	2F
W74-02536	7-05						7-06	2L	W74-02774	7-06	3B
W74-02537	7-05	6E	W74-02616	7-05	2A	W74-02695					
W74-02538	7-05	5G	W74-02617	7-05	2E	W74-02696	7-06	5C	W74-02775	7-06	2E
W74-02539	7-05	5G	W74-02618	7-05	5G	W74-02697	7-06	2E	W74-02776	7-06	2F
W74-02540	7-05	6E	W74-02619	7-05	2E	W74-02698	7-06	2E	W74-02777	7-06	6G
W74-02541	7-05	5B	W74-02620	7-05	2F	W74-02699	7-06	5C	W74-02778	7-06	6G
			W74-02621	7-05	5B	W74-02700	7-06	2L	W74-02779	7-06	6E
W74-02542	7-05	21						2L	W74-02780	7-06	6E
W74-02543	7-05	5C	W74-02622	7-05	2A	W74-02701	7-06				
W74-02544	7-05	5C	W74-02623	7-05	2G	W74-02702	7-06	2E	W74-02781	7-06	4A
W74-02545	7-05	21	W74-02624	7-05	2C	W74-02703	7-06	2L	W74-02782	7-06	6E
W74-02546	7-05	2G	W74-02625	7-05	2E	W74-02704	7-06	2L	W74-02783	7-06	21
W74-02547	7-05	5B	W74-02626	7-05	4D	W74-02705	7-06	8A	W74-02784	7-06	6E
				7-05	2A	W74-02706	7-06	23	W74-02785	7-06	6E
W74-02548	7-05	5B	W74-02627						W74-02786	7-06	6E
W74-02549	7-05	2H	W74-02628	7-05	5E	W74-02707	7-06	2L			
W74-02550	7-05	2H	W74-02629	7-05	5B	W74-02708	7-06	2L	W74-02787	7-06	6E
W74-02551	7-05	7B	W74-02630	7-05	2D	W74-02709	7-06	2E	W74-02788	7-06	6E
W74-02552	7-05	2C	W74-02631	7-05	2B	W74-02710	7-06	2L	W74-02789	7-06	6E
W74-02553	7-05	21	W74-02632	7-05	2B	W74-02711	7-06	2L	W74-02790	7-06	6E
						W74-02712	7-06	2E	W74-02791	7-06	6E
W74-02554	7-05	3F	W74-02633	7-05	2L						
W74-02555	7-05	2K	W74-02634	7-05	5D	W74-02713	7-06	2E	W74-02792	7-06	6E
W74-02556	7-05	5C	W74-02635	7-05	5G	W74-02714	7-06	2J	W74-02793	7-06	6E
W74-02557	7-05	5B	W74-02636	7-05	5G	W74-02715	7-06	2H	W74-02794	7-06	6E
W74-02558	7-05	2H	W74-02637	7-05	2L	W74-02716	7-06	2J	W74-02795	7-06	6E
			W74-02638	7-05	2L	W74-02717	7-06	2L	W74-02796	7-06	6E
W74-02559	7-05	2H	1111111111111						W74-02797	7-06	6E
W74-02560	7-05	2H	W74-02639	7-05	2L	W74-02718	7-06	8B			
W74-02561	7-05	7B	W74-02640	7-05	2L	W74-02719	7-06	21	W74-02798	7-06	5A
W74-02562	7-05	7B	W74-02641	7-05	2H	W74-02720	7-06	2J	W74-02799	7-06	6E
W74-02563	7-05	7B	W74-02642	7-05	2L	W74-02721	7-06	5B	W74-02800	7-06	8A
W74-02564	7-05	7B	W74-02643	7-05	5G	W74-02722	7-06	2J	W74-02801	7-06	5D
						W74-02723	7-06	5D	W74-02802	7-06	6E
W74-02565	7-05	7B	W74-02644	7-05	5C						
W74-02566	7-05	7B	W74-02645	7-05	2J	W74-02724	7-06	7C	W74-02803	7-06	6E
W74-02567	7-05	7B	W74-02646	7-05	2L	W74-02725	7-06	5A	W74-02804	7-06	6E
W74-02568	7-05	7B	W74-02647	7-05	2L	W74-02726	7-06	2H	W74-02805	7-06	6E
W74-02569	7-05	7B	W74-02648	7-05	2L	W74-02727	7-06	2H	W74-02806	7-06	6E
W74-02570	7-05	7B	W74-02649	7-05	2E	W74-02728	7-06	2H	W74-02807	7-06	6E
						W74-02729	7-06	2H	W74-02808	7-06	6E
W74-02571	7-05	7B	W74-02650	7-05	2H					7-06	6E
W74-02572	7-05	7B	W74-02651	7-06	6B	W74-02730	7-06	2K	W74-02809		
W74-02573	7-05	7B	W74-02652	7-06	6B	W74-02731	7-06		W74-02810	7-06	6E
W74-02574	7-05	7B	W74-02653	7-06	2C	W74-02732	7-06	5B	W74-02811	7-06	6E
W74-02575	7-05	7B	W74-02654	7-06	6B	W74-02733	7-06	5B	W74-02812	7-06	6E
W74-02576	7-05	7B	W74-02655	7-06		W74-02734	7-06	4B	W74-02813	7-06	6E
						W74-02735	7-06		W74-02814	7-06	6E
W74-02577	7-05	7B	W74-02656	7-06					W74-02815	7-06	6E
W74-02578	7-05	7B	W74-02657	7-06		W74-02736	7-06				
W74-02579	7-05	7B	W74-02658	7-06		W74-02737	7-06		W74-02816	7-06	6E
W74-02580	7-05	7B	W74-02659	7-06	8B	W74-02738	7-06		W74-02817	7-06	6E
W74-02581	7-05	7B	W74-02660	7-06	6B	W74-02739	7-06	5A	W74-02818	7-06	6E
W74-02582		7B	W74-02661	7-06		W74-02740	7-06	2C	W74-02819	7-06	6E
W74-02582		7B	W74-02662	7-06		W74-02741	7-06		W74-02820	7-06	2H
	7-05					W74-02742	7-06		W74-02821	7-06	10B
W74-02584		7B	W74-02663	7-06						7-06	
W74-02585		7B	W74-02664	7-06		W74-02743	7-06		W74-02822		
W74-02586	7-05	7B	W74-02665	7-06		W74-02744			W74-02823	7-06	
W74-02587		7B	W74-02666	7-06		W74-02745	7-06	2C	W74-02824	7-06	
W74-02588		7B	W74-02667	7-06		W74-02746	7-06	2C	W74-02825	7-06	5A
		7B	W74-02668	7-06		W74-02747	7-06		W74-02826	7-06	6B
W74-02589						W74-02748			W74-02827	7-06	
W74-02590		7B	W74-02669	7-06					W74-02828	7-06	
W74-02591	7-05	7B	W74-02670	7-06		W74-02749					
W74-02592	7-05	7B	W74-02671	7-06		W74-02750			W74-02829	7-06	
W74-02593		7B	W74-02672	7-06	5C	W74-02751	7-06	2E	W74-02830	7-06	
W74-02594		7B	W74-02673	7-06		W74-02752	7-06	2E	W74-02831	7-06	6F
W74-02595			W74-02674	7-06		W74-02753			W74-02832	7-06	
			W74-02675			W74-02754			W74-02833	7-06	
W74-02596									W74-02834	7-06	
W74-02597			W74-02676			W74-02755					
W74-02598	7-05	7B	W74-02677			W74-02756			W74-02835	7-06	
W74-02599	7-05	7B	W74-02678	7-06	5B	W74-02757			W74-02836	7-06	
W74-02600			W74-02679		5D	W74-02758	7-06	3 E	W74-02837	7-06	
W74-02601			W74-02680			W74-02759	7-06	2K	W74-02838	7-06	6D
W74-02602			W74-02681	7-06		W74-02760			W74-02839	7-06	6C
			W74-02682			W74-02761			W74-02840		
W74-02603	7-05	7B	W /4-02082	/-00	7/1	11 14-02/01	, 00			-	

W74-02841	7-06	5G	W74-02920	7-06	5C	W74-02999	7-06	5D	W74-03078	7-06	5B
	7-06	5D	W74-02921	7-06	3F	W74-03000	7-06	5G	W74-03079	7-06	5A
W74-02842			W74-02922	7-06	5C	W74-03001	7-06	5D	W74-03080	7-06	5A
W74-02843	7-06	6B		7-06	5C	W74-03002	7-06	5F	W74-03081	7-06	5A
W74-02844	7-06	6B	W74-02923			W74-03002	7-06	5D	W74-03082	7-06	5D
W74-02845	7-06	5D	W74-02924	7-06	5C				W74-03083	7-06	4A
W74-02846	7-06	5D	W74-02925	7-06	5C	W74-03004	7-06	5D			
W74-02847	7-06	4B	W74-02926	7-06	5C	W74-03005	7-06	5G	W74-03084	7-06	5D
W74-02848	7-06	5D	W74-02927	7-06	5C	W74-03006	7-06	5D	W74-03085	7-06	5B
W74-02849	7-06	5E	W74-02928	7-06	5C	W74-03007	7-06	5G	W74-03086	7-06	5C
W74-02850	7-06	6C	W74-02929	7-06	5C	W74-03008	7-06	5D	W74-03087	7-06	5D
W74-02851	7-06	5D	W74-02930	7-06	5C	W74-03009	7-06	3A	W74-03088	7-06	5D
W74-02852	7-06	5G	W74-02931	7-06	5C	W74-03010	7-06	3A	W74-03089	7-06	5D
W74-02853	7-06	8A	W74-02932	7-06	5A	W74-03011	7-06	3A	W74-03090	7-06	2H
W74-02854	7-06	5F	W74-02933	7-06	2H	W74-03012	7-06	5D	W74-03091	7-06	4B
W74-02855	7-06	8A	W74-02934	7-06	5C	W74-03013	7-06	8C	W74-03092	7-06	5G
W74-02856	7-06	5G	W74-02935	7-06	5B	W74-03014	7-06	5G	W74-03093	7-06	5B
				7-06	3F	W74-03015	7-06	5G	W74-03094	7-06	2L
W74-02857	7-06	2E	W74-02936			W74-03016	7-06	5D	W74-03095	7-06	5D
W74-02858	7-06	5F	W74-02937	7-06	3F	W74-03017	7-06	5G	W74-03096	7-06	2J
W74-02859	7-06	6F	W74-02938	7-06	4A					7-06	21
W74-02860	7-06	6A	W74-02939	7-06	3F	W74-03018	7-06	5D	W74-03097		
W74-02861	7-06	6E	W74-02940	7-06	2D	W74-03019	7-06	5D	W74-03098	7-06	2B
W74-02862	7-06	6E	W74-02941	7-06	3F	W74-03020	7-06	5D	W74-03099	7-06	2J
W74-02863	7-06	5C	W74-02942	7-06	3F	W74-03021	7-06	5G	W74-03100	7-06	2L
W74-02864	7-06	5B	W74-02943	7-06	4A	W74-03022	7-06	8C	W74-03101	7-06	5B
W74-02865	7-06	5C	W74-02944	7-06	4A	W74-03023	7-06	5G	W74-03102	7-06	2J
W74-02866	7-06	21	W74-02945	7-06	4A	W74-03024	7-06	2A	W74-03103	7-06	2E
W74-02867	7-06	5C	W74-02946	7-06	5G	W74-03025	7-06	2H	W74-03104	7-06	2J
W74-02868	7-06	5C	W74-02947	7-06	5G	W74-03026	7-06	4A	W74-03105	7-06	2J
W74-02869	7-06	5B	W74-02948	7-06	5B	W74-03027	7-06	5G	W74-03106	7-06	8B
W74-02870	7-06	5C	W74-02949	7-06	5A	W74-03028	7-06	2L	W74-03107	7-06	2H
			W74-02950	7-06	7C	W74-03029	7-06	2E	W74-03108	7-06	2J
W74-02871	7-06	5B				W74-03029		5B	W74-03109	7-06	2J
W74-02872	7-06	5C	W74-02951	7-06	5C		7-06				2J
W74-02873	7-06	5C	W74-02952	7-06	5C	W74-03031	7-06	2J	W74-03110	7-06	
W74-02874	7-06	2K	W74-02953	7-06	5A	W74-03032	7-06	23	W74-03111	7-06	2J
W74-02875	7-06	5G	W74-02954	7-06	5B	W74-03033	7-06	5B	W74-03112	7-06	23
W74-02876	7-06	4B	W74-02955	7-06	5A	W74-03034	7-06	5B	W74-03113	7-06	2H
W74-02877	7-06	2G	W74-02956	7-06	5C	W74-03035	7-06	7C	W74-03114	7-06	2L
W74-02878	7-06	5C	W74-02957	7-06	4A	W74-03036	7-06	81	W74-03115	7-06	8B
W74-02879	7-06	5C	W74-02958	7-06	5B	W74-03037	7-06	5G	W74-03116	7-06	2L
W74-02880	7-06	8B	W74-02959	7-06	5C	W74-03038	7-06	4A	W74-03117	7-06	6D
W74-02881	7-06	5C	W74-02960	7-06	5C	W74-03039	7-06	5D	W74-03118	7-06	5D
W74-02882	7-06	8G	W74-02961	7-06	5C	W74-03040	7-06	10B	W74-03119	7-06	6D
W74-02883	7-06	5C	W74-02962	7-06	5C	W74-03041	7-06	10D	W74-03120	7-06	6D
			W74-02963	7-06	5C	W74-03042	7-06	10D	W74-03121	7-06	4A
W74-02884	7-06	8B				W74-03042	7-06	10D	W74-03122	7-06	3D
W74-02885	7-06	2K	W74-02964	7-06	5C		7-06	10A	W74-03123	7-06	6F
W74-02886	7-06	5C	W74-02965	7-06	5C	W74-03044			W74-03124	7-06	6G
W74-02887	7-06	5D	W74-02966		5B	W74-03045	7-06	10C			
W74-02888	7-06	5B	W74-02967	7-06	5B	W74-03046	7-06	10C	W74-03125	7-06	4A
W74-02889	7-06	5B	W74-02968		5A	W74-03047	7-06	10B	W74-03126	7-06	7B
W74-02890	7-06	5G	W74-02969	7-06	7C	W74-03048	7-06	10B	W74-03127	7-06	6E
W74-02891	7-06	2B	W74-02970	7-06	5C	W74-03049	7-06	10B	W74-03128	7-06	5D
W74-02892	7-06	5B	W74-02971	7-06	5A	W74-03050	7-06	10C	W74-03129	7-06	4C
W74-02893	7-06	2H	W74-02972	7-06	5C	W74-03051	7-06	10B	W74-03130	7-06	8A
W74-02894	7-06	5C	W74-02973		5A	W74-03052	7-06	10B	W74-03131	7-06	5G
W74-02895	7-06	5B	W74-02974			W74-03053	7-06	10B	W74-03132	7-06	6E
W74-02896	7-06	8B	W74-02975			W74-03054	7-06	2L	W74-03133	7-06	6G
W74-02897	7-06	8B	W74-02976			W74-03055	7-06	2L	W74-03134	7-06	6E
W74-02898	7-06	5C	W74-02977			W74-03056	7-06	3B	W74-03135	7-06	6E
						W74-03057	7-06	5B	W74-03136	7-06	5A
W74-02899	7-06	5C	W74-02978				7-06	2I	W74-03136	7-06	2B
W74-02900	7-06	5C	W74-02979			W74-03058	7-06			7-06	2B 2A
W74-02901	7-06	2H	W74-02980			W74-03059		2L	W74-03138		
W74-02902	7-06	5C	W74-02981			W74-03060		2L	W74-03139	7-06	1B
W74-02903	7-06		W74-02982			W74-03061	7-06	2L	W74-03140	7-06	18
W74-02904	7-06		W74-02983			W74-03062			W74-03141	7-06	8B
W74-02905	7-06		W74-02984			W74-03063	7-06		W74-03142	7-06	
W74-02906	7-06	5D	W74-02985	7-06	5C	W74-03064	7-06		W74-03143	7-06	8A
W74-02907	7-06	5C	W74-02986	7-06	5A	W74-03065	7-06		W74-03144	7-06	
W74-02908	7-06		W74-02987	7-06	5A	W74-03066	7-06	2H	W74-03145	7-06	8E
W74-02909	7-06		W74-02988		5A	W74-03067	7-06	2C	W74-03146	7-06	8B
W74-02910			W74-02989			W74-03068			W74-03147	7-06	
W74-02911	7-06		W74-02990			W74-03069			W74-03148	7-06	
W74-02912			W74-02991			W74-03070			W74-03149	7-06	
W74-02912 W74-02913			W74-02992			W74-03071	7-06		W74-03150		
			W74-02993 W74-02993			W74-03071			W74-03151	7-06	
W74-02914						W74-03073			W74-03151		
W74-02915			W74-02994								
W74-02916			W74-02995			W74-03074			W74-03153		
W74-02917			W74-02996			W74-03075			W74-03154	7-06	
W74-02918			W74-02997			W74-03076			W74-03155	7-06	
W74-02919	7-06	4A	W74-02998	3 7-06	5C	W74-03077	7-06	5D	W74-03156	7-06	8B

			mand distance			and and					
W74-03157	7-06	8B	W74-03236	7-07	4B	W74-03315	7-07	7B	W74-03394	7-07	6E
W74-03158	7-06	5G	W74-03237	7-07	4B	W74-03316	7-07	5A	W74-03395	7-07	6E
W74-03159	7-06	8G	W74-03238	7-07	5B	W74-03317	7-07	5C	W74-03396	7-07	6E
W74-03160	7-06	8G	W74-03239	7-07	5E	W74-03318	7-07	5A	W74-03397	7-07	6F
W74-03161	7-06	4B	W74-03240	7-07	4B	W74-03319	7-07	21	W74-03398	7-07	4D
W74-03162	7-06	8G	W74-03241	7-07	5E	W74-03320	7-07	5C	W74-03399	7-07	6E
W74-03163	7-06	4B	W74-03242	7-07	5E	W74-03321	7-07	5C	W74-03400	7-07	6E
W74-03164	7-06	2F	W74-03243	7-07	5E	W74-03322	7-07	5G	W74-03401	7-07	6E
	7-06	8E	W74-03244	7-07	5E	W74-03323	7-07	5G			
W74-03165									W74-03402	7-07	6E
W74-03166	7-06	8G	W74-03245	7-07	5E	W74-03324	7-07	6D	W74-03403	7-07	6E
W74-03167	7-06	8B	W74-03246	7-07	5B	W74-03325	7-07	6B	W74-03404	7-07	6E
W74-03168	7-06	8B	W74-03247	7-07	5E	W74-03326	7-07	5C	W74-03405	7-07	6E
W74-03169	7-06	8F	W74-03248	7-07	5E	W74-03327	7-07	5B	W74-03406	7-07	6E
W74-03170	7-06	8G	W74-03249	7-07	5E	W74-03328	7-07	5B	W74-03407	7-07	
											6E
W74-03171	7-06	5A	W74-03250	7-07	5E	W74-03329	7-07	5D	W74-03408	7-07	6E
W74-03172	7-06	6B	W74-03251	7-07	5A	W74-03330	7-07	5A	W74-03409	7-07	6G
W74-03173	7-06	6B	W74-03252	7-07	2K	W74-03331	7-07	5G	W74-03410	7-07	6E
W74-03174	7-06	6B	W74-03253	7-07	5B	W74-03332	7-07	6B	W74-03411	7-07	6E
W74-03175	7-06	6B	W74-03254	7-07	2K	W74-03333	7-07	2B	W74-03412	7-07	6E
			W74-03255								
W74-03176	7-06	6B		7-07	2K	W74-03334	7-07	4A	W74-03413	7-07	6E
W74-03177	7-06	6B	W74-03256	7-07	2K	W74-03335	7-07	4B	W74-03414	7-07	6E
W74-03178	7-06	6B	W74-03257	7-07	5B	W74-03336	7-07	4B	W74-03415	7-07	6E
W74-03179	7-06	6B	W74-03258	7-07	2K	W74-03337	7-07	5D	W74-03416	7-07	6E
W74-03180	7-06	6B	W74-03259	7-07	2E	W74-03338	7-07	4B	W74-03417	7-07	6E
W74-03181	7-06	6B	W74-03260	7-07	2C	W74-03339	7-07	5B	W74-03418	7-07	6E
W74-03182	7-06	6B	W74-03261	7-07	8I	W74-03340	7-07	5G	W74-03419	7-07	6E
W74-03183	7-06	6B	W74-03262	7-07	8I	W74-03341	7-07	2J	W74-03420	7-07	5G
W74-03184	7-06	6B	W74-03263	7-07	81	W74-03342	7-07	2L	W74-03421	7-07	6E
W74-03185	7-06	5A	W74-03264	7-07	81	W74-03343	7-07	8B	W74-03422	7-07	6E
W74-03186											
	7-06	2G	W74-03265	7-07	81	W74-03344	7-07	2L	W74-03423	7-07	6E
W74-03187	7-06	5D	W74-03266	7-07	8I	W74-03345	7-07	2L	W74-03424	7-07	6E
W74-03188	7-06	6B	W74-03267	7-07	81	W74-03346	7-07	5G	W74-03425	7-07	6E
W74-03189	7-06	5G	W74-03268	7-07	81	W74-03347	7-07	2L	W74-03426	7-07	6E
W74-03190	7-06	6B	W74-03269	7-07	81	W74-03348	7-07	2L	W74-03427	7-07	6E
W74-03191	7-06	4B	W74-03270	7-07	81	W74-03349	7-07	2B	W74-03428	7-07	6E
W74-03192	7-06	6B	W74-03271	7-07	5C	W74-03350	7-07	2J	W74-03429	7-07	6E
W74-03193	7-06	6A	W74-03272	7-07	5B	W74-03351	7-07	2L	W74-03430	7-07	6E
W74-03194	7-06	5D	W74-03273	7-07	5A	W74-03352	7-07	2J	W74-03431	7-07	2.J
			W74-03274								
W74-03195	7-06	6B		7-07	5C	W74-03353	7-07	2J	W74-03432	7-07	2E
W74-03196	7-06	5G	W74-03275	7-07	2H	W74-03354	7-07	4B	W74-03433	7-07	2J
W74-03197	7-06	6B	W74-03276	7-07	5C	W74-03355	7-07	5E	W74-03434	7-07	2L
W74-03198	7-06	6B	W74-03277	7-07	5A	W74-03356	7-07	4B	W74-03435	7-07	2L
W74-03199	7-06	6B	W74-03278	7-07	5C	W74-03357	7-07	5E	W74-03436	7-07	2L
W74-03200	7-06	6E	W74-03279	7-07	5C	W74-03358	7-07	5E	W74-03437	7-07	2J
W74-03201	7-07	2F	W74-03280	7-07	5C	W74-03359	7-07	5D	W74-03438	7-07	5B
W74-03202	7-07	2J	W74-03281	7-07	5C	W74-03360	7-07	4B	W74-03439	7-07	2H
W74-03203	7-07	5C	W74-03282	7-07	5C	W74-03361	7-07	5E	W74-03440	7-07	2E
W74-03204	7-07	6B	W74-03283	7-07	5A	W74-03362	7-07	5E	W74-03441	7-07	2J
W74-03205	7-07	8A	W74-03284	7-07	5C	W74-03363	7-07	8B	W74-03442	7-07	2L
W74-03206	7-07	5C	W74-03285	7-07	5A	W74-03364	7-07	2J	W74-03443	7-07	2L.
W74-03207	7-07	6F	W74-03286	7-07	5A	W74-03365	7-07	2L	W74-03444	7-07	2J
W74-03208	7-07	5D	W74-03287	7-07	5B	W74-03366	7-07	8B	W74-03445	7-07	2G
W74-03209	7-07	5C	W74-03288	7-07	5C	W74-03367	7-07	2.J	W74-03446	7-07	2J
W74-03210	7-07	5C	W74-03289	7-07	5A	W74-03368	7-07	2J	W74-03447	7-07	23
W74-03211	7-07	5C	W74-03290	7-07	7B	W74-03369	7-07	2J	W74-03448	7-07	2L
W74-03212	7-07	5B	W74-03291	7-07	7C	W74-03370	7-07	8A	W74-03449	7-07	2L
W74-03213	7-07	5B	W74-03292	7-07	7C	W74-03371	7-07	8C	W74-03450	7-07	2L
W74-03214	7-07	2J	W74-03293	7-07	5F	W74-03372	7-07	8B	W74-03451	7-07	2E
W74-03215	7-07	6G	W74-03294	7-07	5A		7-07	7B			
						W74-03373			W74-03452	7-07	2E
W74-03216	7-07	2E	W74-03295	7-07	5A	W74-03374	7-07	2J	W74-03453	7-07	2L
W74-03217	7-07	5B	W74-03296	7-07	5C	W74-03375	7-07	8A	W74-03454	7-07	2L
W74-03218	7-07	5B	W74-03297	7-07	5C	W74-03376	7-07	5G	W74-03455	7-07	2L
W74-03219	7-07	5B	W74-03298	7-07	5C	W74-03377	7-07	6E	W74-03456	7-07	23
W74-03220	7-07	5F	W74-03299	7-07	5C	W74-03378	7-07	5G	W74-03457	7-07	2J
W74-03221	7-07	5D	W74-03300	7-07	5C	W74-03379	7-07	6F	W74-03458	7-07	2E
W74-03222	7-07	5E	W74-03301	7-07	5C	W74-03380	7-07	6E	W74-03459	7-07	2L
W74-03223	7-07	5D	W74-03302	7-07	5A	W74-03381	7-07	5G	W74-03460	7-07	2J
W74-03224	7-07	5E	W74-03303	7-07	2L	W74-03382	7-07	5G	W74-03461	7-07	2L
W74-03225	7-07	4B	W74-03304	7-07	2L	W74-03383	7-07	5G	W74-03462	7-07	2J
W74-03226	7-07	5E	W74-03305	7-07	5C	W74-03384	7-07	6E	W74-03463	7-07	6E
W74-03227	7-07	5E	W74-03306	7-07	3F	W74-03385	7-07	6E	W74-03464	7-07	6B
W74-03228	7-07	5E	W74-03307	7-07	2L	W74-03386	7-07	5G	W74-03465	7-07	6B
W74-03229	7-07	5E	W74-03308	7-07	5C	W74-03387	7-07	5D	W74-03466	7-07	21
W74-03230	7-07	5B	W74-03309	7-07	5A	W74-03388	7-07	5G	W74-03467	7-07	5D
W74-03231	7-07	5E	W74-03310	7-07	7B	W74-03389	7-07	6E	W74-03468	7-07	5D
W74-03232	7-07	5C	W74-03311	7-07	2K	W74-03390	7-07	6E	W74-03469	7-07	5G
W74-03233	7-07	5B	W74-03312	7-07	2K	W74-03391	7-07	6E	W74-03470	7-07	8C
W74-03234	7-07	5B	W74-03313	7-07	7B	W74-03392	7-07	6E	W74-03471	7-07	3F
W74-03235	7-07	5B	W74-03314	7-07	5C	W74-03393	7-07	6E	W74-03472	7-07	6G
11 7 4 03433	, 0,		11 /4-03314	1-01	30	11 /4-03393	7-07	0.0	11 14-03412	7-07	00

W74-03473 7-	07 6C	W74-03552	7-07	5B	W74-03632	7-07	2H		W74-03711	7-07	5G
** * * * * * * * * * * * * * * * * * * *	07 6B	W74-03553	7-07	5A	W74-03633	7-07	4C			7-07	5C
** ** *** ***	07 3F	W74-03554	7-07	5D	W74-03634	7-07	3D			7-07	2L
	07 6B	W74-03555	7-07 7-07	5D 5D	W74-03635 W74-03636	7-07 7-07	6G 5F		W74-03714 W74-03715	7-07 7-07	5G 5C
	-07 6D -07 5C	W74-03556 W74-03557	7-07	5A	W74-03637	7-07	5G		W74-03716	7-07	6G
	-07 5G	W74-03558	7-07	5G	W74-03638	7-07	5D		W74-03717	7-07	81
	-07 6D	W74-03559	7-07	5B	W74-03639	7-07	5G		W74-03718	7-07	6G
W74-03481 7-	-07 6B	W74-03560	7-07	5C	W74-03640	7-07	5D		W74-03719	7-07	5C
	-07 5D	W74-03561	7-07	5B	W74-03641	7-07	4B		W74-03720 W74-03721	7-07	6G 2D
	-07 4A -07 6B	W74-03563 W74-03564	7-07 7-07	5A 2K	W74-03642 W74-03643	7-07 7-07	6B 6B		W74-03721	7-07	6E
	-07 6B -07 5G	W74-03565	7-07	5A	W74-03644	7-07	6B		W74-03723	7-07	6E
	-07 5G	W74-03566	7-07	5A	W74-03645	7-07	5G		W74-03724	7-07	6E
	-07 6C	W74-03567	7-07	5C	W74-03646	7-07	5C		W74-03725	7-07	6E
	-07 6D	W74-03568	7-07	5A	W74-03647	7-07	6D		W74-03726	7-07 7-07	6E 6E
	-07 6B -07 5G	W74-03569 W74-03570	7-07 7-07	5A 5A	W74-03648 W74-03649	7-07 7-07	3D 4B		W74-03727 W74-03728	7-07	6E
	-07 5G -07 6B	W74-03571	7-07	5C	W74-03650	7-07	3D		W74-03729	7-07	6G
	-07 6B	W74-03572	7-07	5A	W74-03651	7-07	5D		W74-03730	7-07	6E
W74-03493 7-	-07 6B	W74-03573	7-07	5C	W74-03652	7-07	5D		W74-03731	7-07	6E
	-07 2G	W74-03574	7-07	5C	W74-03653	7-07	4A		W74-03732	7-07	6E
	-07 5D	W74-03575	7-07	5A	W74-03654	7-07	3A		W74-03733 W74-03734	7-07 7-07	6E 6E
	-07 5D -07 5D	W74-03576 W74-03577	7-07 7-07	5A 2H	W74-03655 W74-03656	7-07 7-07	5D 5D		W74-03735	7-07	6E
	-07 5D	W74-03578	7-07	5A	W74-03657	7-07	5D	**	W74-03736	7-07	6E
	-07 5D	W74-03579	7-07	5A	W74-03658	7-07	5D		W74-03737	7-07	2K
W74-03500 7-	-07 5D	W74-03580	7-07	2K	W74-03659	7-07	5D		W74-03738	7-07	2K
	-07 6A	W74-03581	7-07	7C	W74-03660	7-07	5D		W74-03739	7-07	4A
	-07 6B	W74-03582	7-07	5A	W74-03661 W74-03662	7-07 7-07	5G 5F		W74-03740 W74-03741	7-07	1B 1B
	-07 6B -07 5G	W74-03583 W74-03584	7-07 7-07	5B 5C	W74-03663	7-07	4A		W74-03742	7-07	6B
	-07 2I	W74-03585	7-07	5B	W74-03664	7-07	5D		W74-03743	7-07	5D
	-07 2E	W74-03586	7-07	5A	W74-03665	7-07	4A		W74-03744	7-07	6G
	-07 5A	W74-03587	7-07	5A	W74-03666	7-07	7B		W74-03745	7-07	6B
	-07 2D	W74-03588	7-07	5A	W74-03667	7-07	5D		W74-03746	7-07 7-07	2I 6B
	-07 7B -07 7B	W74-03589 W74-03590	7-07 7-07	5A 5A	W74-03668 W74-03669	7-07 7-07	5D 8C		W74-03747 W74-03748	7-07	6B
	-07 7B	W74-03591	7-07	5C	W74-03670	7-07	3A		W74-03749	7-07	5G
	-07 2F	W74-03592	7-07	5A	W74-03671	7-07	5D		W74-03750	7-07	3A
W74-03513 7	-07 2J	W74-03593	7-07	5B	W74-03672	7-07	5G		W74-03751	7-08	6B
	-07 2J	W74-03594	7-07	5C	W74-03673	7-07	2E		W74-03752	7-08	5D 5D
	-07 3F -07 3F	W74-03595 W74-03596	7-07 7-07	5C 5B	W74-03674 W74-03675	7-07 7-07	8B 8B		W74-03753 W74-03754	7-08 7-08	6A
	-07 4C	W74-03597	7-07	5C	W74-03676	7-07	8B		W74-03755	7-08	8C
	-07 5D	W74-03598	7-07	5C	W74-03677	7-07	8B		W74-03756	7-08	6F
	-07 2D	W74-03599	7-07	5A	W74-03678	7-07	8B		W74-03757	7-08	6B
	-07 5D	W74-03600	7-07 7-07	5B 5A	W74-03679 W74-03680	7-07	8B 8B		W74-03758 W74-03759	7-08	2H 5C
	7-07 5D 7-07 7B	W74-03601 W74-03602	7-07	5B	W74-03680	7-07	8B		W74-03760	7-08	2G
	-07 2G	W74-03603	7-07	5C	W74-03682	7-07	8B		W74-03761	7-08	5A
W74-03524 7	7-07 5C	W74-03604	7-07	2I	W74-03683	7-07	8B		W74-03762	7-08	1B
	-07 2K	W74-03605	7-07	3F	W74-03684	7-07	8B		W74-03763	7-08	5D
	7-07 2K	W74-03606	7-07 7-07	5B 4C	W74-03685 W74-03686	7-07 7-07	8B 8B		W74-03764 W74-03765	7-08 7-08	5D 5A
	7-07 2K 7-07 2K	W74-03607 W74-03608	7-07	2J	W74-03687	7-07	8B		W74-03766	7-08	5B
	7-07 2K	W74-03609	7-07	2.J	W74-03688	7-07	8B		W74-03767	7-08	5A
	7-07 2L	W74-03610	7-07	2L	W74-03689	7-07	8B		W74-03768	7-08	4C
	7-07 2H	W74-03611	7-07	2L	W74-03690	7-07	2L.		W74-03769	7-08	2H
	7-07 2H	W74-03612	7-07	8B	W74-03691	7-07 7-07	2L 2L		W74-03770 W74-03771	7-08 7-08	2J 6B
	7-07 2K 7-07 2K	W74-03613 W74-03614	7-07 7-07	8B 8B	W74-03692 W74-03693	7-07	2L		W74-03772	7-08	2C
	7-07 2H	W74-03615	7-07	2L	W74-03694	7-07	8B		W74-03773	7-08	3F
	7-07 5C	W74-03616	7-07	2E	W74-03695	7-07	8B		W74-03774	7-08	4A
	7-07 SC	W74-03617	7-07	2E	W74-03696	7-07	2L		W74-03775	7-08	5B
	7-07 5B	W74-03618 W74-03619	7-07 7-07	2L 8B	W74-03697 W74-03698	7-07 7-07	2J 2J		W74-03776 W74-03777	7-08 7-08	2G 5B
	7-07 1A 7-07 5D	W74-03620	7-07	2E	W74-03699	7-07	8B		W74-03778	7-08	5B
	7-07 5D	W74-03621	7-07	2L	W74-03700	7-07	8B		W74-03779	7-08	7B
W74-03542 7	7-07 5A	W74-03622	7-07	5B	W74-03701	7-07	2L		W74-03780	7-08	2J
	7-07 5A	W74-03623	7-07	8B	W74-03702	7-07	2L		W74-03781	7-08	2J
	7-07 5D 7-07 5D	W74-03624 W74-03625	7-07 7-07	2L 8B	W74-03703 W74-03704	7-07 7-07	2L 5B		W74-03782 W74-03783	7-08	5B 2G
	7-07 5D 7-07 5D	W74-03626	7-07	5C	W74-03704 W74-03705	7-07	5B		W74-03784	7-08	2G
	7-07 5D	W74-03627	7-07	2E	W74-03706	7-07	2L		W74-03785	7-08	2E
W74-03548 7	7-07 5D	W74-03628	7-07	23	W74-03707	7-07	2L		W74-03786	7-08	2E
	7-07 5A	W74-03629	7-07	3D	W74-03708	7-07	2J		W74-03787	7-08	2E
	7-07 4A 7-07 4C	W74-03630 W74-03631	7-07	6E 6F	W74-03709 W74-03710	7-07 7-07	2J 6E		W74-03788 W74-03789	7-08 7-08	2J 2J
W 14-03331 1	1-07 40	11 /4-03031	7-07		117-03/10	,-01	OE:			, 00	

W74-03790	7-08	5B	W74-03869	7-08	5A	W74-03948	7-08	3F	W74-04027	7-08	8A
			W74-03870	7-08			7-08				
W74-03791	7-08	5D			7B	W74-03949	7-08	SC -	W74-04028	7-08	5D
W74-03792	7-08	5B	W74-03871	7-08	5C	W74-03950	7-08	5B	W74-04029	7-08	6E
				-				100			
W74-03793	7-08	5B	W74-03872	7-08	5C	W74-03951	7-08	6B	W74-04030	7-08	5G
W74-03794	7-08	5D	W74-03873	7-08	5C	W74-03952	7-08	3B	W74-04031	7-08	6E
W74-03795	7-08	5C	W74-03874	7-08	3F	W74-03953	7-08	21	W74-04032	7-08	5G
W74-03796	7-08	5B	W74-03875	7-08	5A	W74-03954	7-08	3F	W74-04033	7-08	6G
								19.2		9 000	
W74-03797	7-08	5B	W74-03876	7-08	5C	W74-03955	7-08	6B	W74-04034	7-08	5D
W74-03798	7-08	23	W74-03877	7-08	5B	W74-03956	7-08	6B	W74-04035	7-08	6B
20.000.000.000										7-00	
W74-03799	7-08	2J	W74-03878	7-08	5A .	W74-03957	7-08	SD	W74-04036	7-08	6E
				0.00			0.00				
W74-03800	7-08	2E	W74-03879	7-08	5C	W74-03958	7-08	6G	W74-04037	7-08	5G
W74-03801	7-08	2J	W74-03880	7-08	5C	W74-03959	7-08	5G	W74-04038	7-08	3B
										2 20	
W74-03802	7-08	81	W74-03881	7-08	5C	W74-03960	7-08	6B	W74-04039	7-08	6E
W74-03803	7-08	4A	W74-03882	7-08	SC .	W74-03961	7-08	2H	W74-04040	7-08	6D
					512		0.00				
W74-03804	7-08	5B	W74-03883	7-08	3F	W74-03962	7-08	6E	W74-04041	7-08	5C
	0.00									0.000	
W74-03805	7-08	4A	W74-03884	7-08	5A	W74-03963	7-08	6C	W74-04042	7-08	5D
W74-03806	7-08	4B	W74-03885	7-08	5A	W74-03964	7-08	6G	W74-04043	7-08	5D
W74-03807	7-08	5B	W74-03886	7-08	5A	W74-03965	7-08	6B	W74-04044	7-08	5G
W74-03808	7-08	4B	W74-03887	7-08	5A	W74-03966	7-08	8A	W74-04045	7-08	5D
	0.00										
W74-03809	7-08	7C	W74-03888	7-08	6A	W74-03967	7-08	6E	W74-04046	7-08	5D
W74-03810	7-08	4B	W74-03889	7-08	5G	W74-03968	7-08	5G	W74-04047	7-08	4A
W74-03811	7-08	4B	W74-03890	7-08	6B	W74-03969	7-08	6E	W74-04048	7-08	5A
W74-03812	7-08	4B	W74-03891	7-08	6E	W74-03970	7-08	6E	W74-04049	7-08	2F
W74-03813	7-08	5B	W74-03892	7-08	6A .	W74-03971	7-08	6E	W74-04050	7-08	2J
W74-03814	7-08	4B	W74-03893	7-08	5F	W74-03972	7-08	6E	W74-04051	7-08	2H
W74-03815	7-08	4B	W74-03894	7-08	5D	W74-03973	7-08	6E	W74-04052	7-08	5B
W74-03816	7-08	2E	W74-03895	7-08	5B	W74-03974	7-08	6E	W74-04053	7-08	5D
W74-03817	7-08	5A	W74-03896	7-08	2F		7-08	5G	W74-04054		
						W74-03975				7-08	5A
W74-03818	7-08	2E	W74-03897	7-08	5B	W74-03976	7-08	5D	W74-04055	7-08	23
							2.00				
W74-03819	7-08	4B	W74-03898	7-08	5C	W74-03977	7-08	5G	W74-04056	7-08	2.3
W74-03820	7-08	4B	W74-03899	7-08	5C	W74-03978	7-08	5F	W74-04057	7-08	2J
W74-03821	7-08	4A	W74-03900	7-08	5A	W74-03979	7-08	5G	W74-04058	7-08	23
W74-03822	7-08	4B	W74-03901	7-08	2E	W74 03000	7-08	er.	W74 04050	7.00	
			W /4-03901	7-00	4E	W74-03980	/-00	6E	W74-04059	7-08	2J
W74-03823	7-08	5D	W74-03902	7-08	5B	W74-03981	7-08	6E	W74-04060	7-08	23
	0.00						90/23				
W74-03824	7-08	4B	W74-03903	7-08	5C	W74-03982	7-08	6E	W74-04061	7-08	2J
W74-03825	7-08	5D	W74-03904	7-08	5C	W74-03983	7-08	6E	W74-04062	7-08	2J
W74-03826	7-08	5D	W74-03905	7-08	5C	W74-03984	7-08	6E	W74-04063	7-08	2J
W74-03827	7-08	2H									
W /4-03621	/-00	ZH.	W74-03906	7-08	5C	W74-03985	7-08	6E	W74-04064	7-08	21
W74-03828	7-08	2J	W74-03907	7-08	6B	W74-03986	7-08	6E	W74-04065	7-08	2J
	2.00										
W74-03829	7-08	2.J	W74-03908	7-08	6B	W74-03987	7-08	6E	W74-04066	7-08	2L
W74-03830	7-08	2A	W74-03909	7-08	6B	W74-03988	7-08	6E	W74-04067	7-08	23
W74-03831	7-08	6B	W74-03910	7-08	6B	W74-03989	7-08	5G	W74-04068	7-08	2F
		2H									
W74-03832	7-08		W74-03911	7-08	5B	W74-03990	7-08	6E	W74-04069	7-08	2L
W74-03833	7-08	2H	W74-03912	7-08	6B	W74-03991	7-08	6E	W74-04070	7-08	2K
		77.7									
W74-03834	7-08	2E	W74-03913	7-08	4B	W74-03992	7-08	6E	W74-04071	7-08	81
W74-03835	7-08	2C	W74-03914	7-08	4A	W74-03993	7-08	6E	W74-04072	7-08	5A
W74-03836	7-08	2E	W74-03915	7-08	3F	W74-03994	7-08	6E	W74-04073	7-08	5A
W74 03937	7.00	7C	W74 02016	7 00	24	33/74 02004	7.00	***	33274 04074		
W74-03837	7-08	1	W74-03916	7-08	2A	W74-03995	7-08	5G	W74-04074	7-08	2G
W74-03838	7-08	5A	W74-03917	7-08	3F	W74-03996	7-08	6E	W74-04075	7-08	2E
W74-03839	7-08	5C	W74-03918	7-08	5C	W74-03997	7-08	6E	W74-04076	7-08	3E
W74-03840	7-08	5C	W74-03919	7-08	5A	W74-03998	7-08	6E	W74-04077	7-08	5G
W74-03841	7-08	5C	W74-03920	7-08	3F	W74-03999	7-08	6E	W74-04078	7-08	5G
W74-03842	7-08	2K	W74-03921	7-08	2D	W74-04000	7-08	6E	W74-04079	7-08	5G
				-							
W74-03843	7-08	2H	W74-03922	7-08	3F	W74-04001	7-08	21	W74-04080	7-08	2K
W74-03844	7-08	5A	W74 02022	7-08	21	31/74 04000	7-08	40	13274 04001		
			W74-03923			W74-04002		6E	W74-04081	7-08	5G
W74-03845	7-08	2G	W74-03924	7-08	21	W74-04003	7-08	6E	W74-04082	7-08	5G
W74-03846	7-08	5A	W74-03925	7-08	2H	W74-04004	7-08	5B			
							2 35		W74-04083	7-08	5G
W74-03847	7-08	5A	W74-03926	7-08	3F	W74-04005	7-08	6E	W74-04084	7-08	5G
W74-03848	7-08	5A	W74-03927	7-08	21	W74-04006	7-08	6E	W74-04085	7-08	6B
W74-03849	7-08	5A	W74-03928	7-08	3F	W74-04007	7-08	6E	W74-04086	7-08	3F
W74-03850	7-08	5A	W74-03929	7-08	3C	W74-04008	7-08	6E	W74-04087	7-08	5D
W74-03851	7-08	5A	W74-03930	7-08	3F	W74-04009	7-08	6E	W74-04088	7-08	
										77.7	5G
W74-03852	7-08	5B	W74-03931	7-08	5C	W74-04010	7-08	6E	W74-04089	7-08	5C
W74-03853	7-08	5C	W74-03932	7-08	81	W74-04011	7-08	6E	W74-04090	7-08	2H
W74-03854	7-08	5A	W74-03933	7-08	5C	W74-04012	7-08	6E	W74-04091	7-08	2H
W74-03855	7-08	5A	W74-03934	7-08	5C	W74-04013	7-08	6E	W74-04092	7-08	21
W74-03856	7-08	5A	W74-03935	7-08	5C	W74-04014	7-08	6E	W74-04093	7-08	
											5C
W74-03857	7-08	5C	W74-03936	7-08	5C	W74-04015	7-08	6E	W74-04094	7-08	5C
W74-03858	7-08	7C	W74-03937	7-08	5C	W74-04016	7-08	6E	W74-04095	7-08	5C
W74-03859	7-08	5A	W74-03938	7-08	5C	W74-04017	7-08	6E	W74-04096	7-08	5C
W74-03860	7-08	5A	W74-03939	7-08	5C	W74-04018	7-08	6E	W74-04097	7-08	5C
W74-03861	7-08	8C	W74-03940	7-08	5C	W74-04019	7-08	6A	W74-04098	7-08	
											5C
W74-03862	7-08	5A	W74-03941	7-08	5C	W74-04020	7-08	6E	W74-04099	7-08	2H
W74-03863	7-08	7C	W74-03942	7-08	3F	W74-04021	7-08				
								6E	W74-04100	7-08	5C
W74-03864	7-08	5A	W74-03943	7-08	3F	W74-04022	7-08	6E	W74-04101	7-08	5C
W74-03865	7-08	2K	W74-03944	7-08	5C	W74-04023	7-08	6E	W74-04102	7-08	5C
W74-03866	7-08	5A	W74-03945	7-08	21	W74-04024	7-08	5A	W74-04103	7-08	5D
W74-03867	7-08	5A	W74-03946	7-08	5C	W74-04025	7-08	5B	W74-04104	7-08	5A
W74-03868	7-08	5A	W74-03947	7-08	5C	W74-04026	7-08	5G			5C
11 1 1 0 0 0 0 0 0	, 00		21 14 00741	1-00		11 14-04020	, 00		W74-04105	7-08	36

11774 04106	7-08	3B	W74-04185	7-08	5B	W74-04264	7-08	2.J	W74-04343	7-09	2L
W74-04106			W74-04186	7-08	5B	W74-04265	7-08	5E	W74-04344	7-09	2L
W74-04107	7-08	5C						2C	W74-04344	7-09	2L
W74-04108	7-08	5C	W74-04187	7-08	SC SD	W74-04266	7-08			7-09	2C
W74-04109	7-08	2H	W74-04188	7-08	5B	W74-04267	7-08	23	W74-04346		2C
W74-04110	7-08	5C	W74-04189	7-08	5C	W74-04268	7-08	2K	W74-04347	7-09	
W74-04111	7-08	5C	W74-04190	7-08	5B	W74-04269	7-08	23	W74-04348	7-09	2C
W74-04112	7-08	5C	W74-04191	7-08	5C	W74-04270	7-08	2F	W74-04349	7-09	2C
W74-04113	7-08	5C	W74-04192	7-08	5B	W74-04271	7-08	7B	W74-04350	7-09	2C
W74-04114	7-08	2G	W74-04193	7-08	2G	W74-04272	7-08	5B	W74-04351	7-09	2C
W74-04115	7-08	5D	W74-04194	7-08	5C	W74-04273	7-08	2L	W74-04352	7-09	2C
W74-04116	7-08	5D	W74-04195	7-08	5D	W74-04274	7-08	7C	W74-04353	7-09	2C
W74-04117	7-08	6A	W74-04196	7-08	5A	W74-04275	7-08	7C	W74-04354	7-09	2C
W74-04118	7-08	5B	W74-04197	7-08	5A	W74-04276	7-08	4D	W74-04355	7-09	2C
W74-04119	7-08	5D	W74-04198	7-08	5D	W74-04277	7-08	2H	W74-04356	7-09	2C
W74-04119	7-08	2H	W74-04199	7-08	5G	W74-04278	7-08	8I	W74-04357	7-09	2C
							7-08	8I	W74-04358	7-09	2C
W74-04121	7-08	21	W74-04200	7-08	4A	W74-04279			W74-04359	7-09	2C
W74-04122	7-08	2I	W74-04201	7-08	2F	W74-04280	7-08	21			
W74-04123	7-08	3C	W74-04202	7-08	5B	W74-04281	7-08	5C	W74-04360	7-09	2C
W74-04124	7-08	2G	W74-04203	7-08	2H	W74-04282	7-08	21	W74-04361	7-09	2C
W74-04125	7-08	2G	W74-04204	7-08	5B	W74-04283	7-08	2D	W74-04362	7-09	2C
W74-04126	7-08	21	W74-04205	7-08	2J	W74-04284	7-08	5C	W74-04363	7-09	2C
W74-04127	7-08	3F	W74-04206	7-08	2L	W74-04285	7-08	21	W74-04364	7-09	2C
W74-04128	7-08	3F	W74-04207	7-08	2L	W74-04286	7-08	21	W74-04365	7-09	2C
W74-04129	7-08	2D	W74-04208	7-08	2J	W74-04287	7-08	4D	W74-04366	7-09	2C
W74-04130	7-08	4A	W74-04209	7-08	2L	W74-04288	7-08	21	 W74-04367	7-09	2C
W74-04131	7-08	4A	W74-04210	7-08	2E	W74-04289	7-08	2H	W74-04368	7-09	2C
W74-04132	7-08	3F	W74-04211	7-08	2L	W74-04290	7-08	8I	W74-04369	7-09	2C
			W74-04211			W74-04291	7-08	2H	W74-04370	7-09	2C
W74-04133	7-08	3F		7-08	2E						
W74-04134	7-08	3F	W74-04213	7-08	2.J	W74-04292	7-08	5A	W74-04371	7-09	23
W74-04135	7-08	3F	W74-04214	7-08	2E	W74-04293	7-08	5B	W74-04372	7-09	2G
W74-04136	7-08	3F	W74-04215	7-08	2E	W74-04294	7-08	5A	W74-04373	7-09	2C
W74-04137	7-08	3F	W74-04216	7-08	2E	W74-04295	7-08	5C	W74-04374	7-09	2C
W74-04138	7-08	3F	W74-04217	7-08	2H	W74-04296	7-08	3F	W74-04375	7-09	2C
W74-04139	7-08	5B	W74-04218	7-08	2L	W74-04297	7-08	5G	W74-04376	7-09	2C
W74-04140	7-08	3F	W74-04219	7-08	2L	W74-04298	7-08	5A	W74-04377	7-09	2C
W74-04141	7-08	8B	W74-04220	7-08	3F	W74-04299	7-08	5A	W74-04378	7-09	2C
W74-04142	7-08	8B	W74-04221	7-08	2J	W74-04300	7-08	5C	W74-04379	7-09	2C
W74-04142	7-08	5B	W74-04222	7-08	2L	W74-04301	7-09	2L	W74-04380	7-09	2C
							7-09	5D	W74-04381	7-09	2C
W74-04144	7-08	8B	W74-04223	7-08	2L	W74-04302					
W74-04145	7-08	2K	W74-04224	7-08	8B	W74-04303	7-09	5D	W74-04382	7-09	2C
W74-04146	7-08	8C	W74-04225	7-08	5C	W74-04304	7-09	2A	W74-04383	7-09	2C
W74-04147	7-08	8G	W74-04226	7-08	5C	W74-04305	7-09	2E	W74-04384	7-09	2C
W74-04148	7-08	8G	W74-04227	7-08	5C	W74-04306	7-09	21	W74-04385	7-09	2C
W74-04149	7-08	5B	W74-04228	7-08	5C	W74-04307	7-09	2F	W74-04386	7-09	2C
W74-04150	7-08	8G	W74-04229	7-08	5B	W74-04308	7-09	2F	W74-04387	7-09	2C
W74-04151	7-08	8G	W74-04230	7-08	5D	W74-04309	7-09	5B	W74-04388	7-09	8D
W74-04152	7-08	4B	W74-04231	7-08	8B	W74-04310	7-09	2A	W74-04389	7-09	2C
W74-04153	7-08	8C	W74-04232	7-08	8B	W74-04311	7-09	6B	W74-04390	7-09	2C
W74-04154	7-08	8C	W74-04233	7-08	5C	W74-04312	7-09	2K	W74-04391	7-09	2F
				7-08	5B	W74-04312	7-09	5A	W74-04392	7-09	2C
W74-04155	7-08	4B	W74-04234							7-09	2C
W74-04156	7-08	8G	W74-04235	7-08	3F	W74-04314	7-09	4A	W74-04393		
W74-04157	7-08	2F	W74-04236	7-08	8B	W74-04315	7-09	4A	W74-04394	7-09	2F
W74-04158	7-08	5B	W74-04237	7-08	8B	W74-04316	7-09	6E	W74-04395	7-09	2F
W74-04159	7-08	8G	W74-04238	7-08	5B	W74-04317	7-09	5D	W74-04396	7-09	2F
W74-04160	7-08	8G	W74-04239	7-08	5C	W74-04318	7-09	5C	W74-04397	7-09	2C
W74-04161	7-08	8G	W74-04240	7-08	5C	W74-04319	7-09	6B	W74-04398	7-09	2C
W74-04162	7-08	8G	W74-04241	7-08	5C	W74-04320	7-09	4A	W74-04399	7-09	2C
W74-04163	7-08	2K	W74-04242	7-08	5A	W74-04321	7-09	2L	W74-04400	7-09	2C
W74-04164	7-08	8F	W74-04243	7-08	5C	W74-04322	7-09	2L	W74-04401	7-09	2C
W74-04165	7-08	2H	W74-04244	7-08	5C	W74-04323	7-09	2E	W74-04402	7-09	2C
W74-04166	7-08	5G	W74-04245	7-08	5C	W74-04324	7-09	2J	W74-04403	7-09	7B
W74-04167	7-08	8B	W74-04246	7-08	5B	W74-04325	7-09	2C	W74-04404	7-09	8D
		8G	W74-04247	7-08	2F	W74-04326		8B	W74-04405	7-09	5D
W74-04168	7-08		W74-04248	7-08	8B	W74-04327	7-09	5B	W74-04406	7-09	2C
W74-04169	7-08	8G								7-09	2C
W74-04170	7-08	6B	W74-04249	7-08	8B	W74-04328	7-09	2J	W74-04407		
W74-04171	7-08	5E	W74-04250	7-08	8B	W74-04329	7-09	2L	W74-04408	7-09	2C
W74-04172	7-08	5B	W74-04251	7-08	2F	W74-04330		2E	W74-04409	7-09	4C
W74-04173	7-08	5B	W74-04252	7-08	2J	W74-04331	7-09	23	W74-04410	7-09	8D
W74-04174	7-08	5A	W74-04253	7-08	2B	W74-04332		2L	W74-04411	7-09	4C
W74-04175	7-08	5B	W74-04254	7-08	2G	W74-04333	7-09	5B	W74-04412	7-09	8D
W74-04176	7-08	5B	W74-04255	7-08	2H	W74-04334	7-09	23	W74-04413	7-09	4C
W74-04177	7-08	5B	W74-04256	7-08	2H	W74-04335	7-09	23	W74-04414	7-09	4C
W74-04178	7-08	5C	W74-04257	7-08	5B	W74-04336			W74-04415	7-09	2C
W74-04179	7-08	5C	W74-04258	7-08	4B	W74-04337	7-09		W74-04416	7-09	8D
W74-04180	7-08	5C	W74-04259	7-08	5G	W74-04338			W74-04417	7-09	4C
W74-04181	7-08	5C	W74-04260	7-08	2F	W74-04339			W74-04418	7-09	2C
W74-04181	7-08	5C	W74-04261	7-08	2E	W74-04340		8B	W74-04419	7-09	5D
W74-04182	7-08	5C	W74-04261	7-08	4B	W74-04341	7-09		W74-04420	7-09	4C
						W74-04341			W74-04421	7-09	8G
W74-04184	7-08	5C	W74-04263	7-08	5B	# /4-U4342	7-09	30	11/4-04421	7-09	90

					-						
W74-04422	7-09	4C	W74-04501	7-09	6B	W74-04580	7-09	3F	W74-04659	7-09	2H
W74-04423	7-09	8D	W74-04502	7-09	6B	W74-04581	7-09	4D	W74-04660	7-09	5C
W74-04424	7-09	8B	W74-04503	7-09	5G	W74-04582	7-09	8A	W74-04661	7-09	5C
W74-04425	7-09	2J	W74-04504	7-09	5G	W74-04583	7-09	5G	W74-04662	7-09	5B
W74-04426	7-09	2.5	W74-04505	7-09	6D	W74-04584	7-09	7B	W74-04663	7-09	SC-
W74-04427	7-09	2J	W74-04506	7-09	5D	W74-04585	7-09	21	W74-04664	7-09	8B
W74-04428	7-09	2J	W74-04507	7-09	5D	W74-04586	7-09	4B	W74-04665	7-09	2H
W74-04429	7-09	21	W74-04508	7-09	SD	W74-04587	7-09	21	W74-04666	7-09	5C
	7-09	21	W74-04509	7-09	2B	W74-04588	7-09	8B	W74-04667	7-09	8B
W74-04430											
W74-04431	7-09	2J	W74-04510	7-09	4B	W74-04589	7-09	8B	W74-04668	7-09	5B
W74-04432	7-09	2J	W74-04511	7-09	3D	W74-04590	7-09	2G	W74-04669	7-09	5G
W74-04433	7-09	2J	W74-04512	7-09	5D	W74-04591	7-09	21	W74-04670	7-09	5C
W74-04434	7-09	2J	W74-04513	7-09	5B	W74-04592	7-09	5E	W74-04671	7-09	5C
W74-04435	7-09	2J	W74-04514	7-09	5D	W74-04593	7-09	2K	W74-04672	7-09	2E
W74-04436	7-09	2J	W74-04515	7-09	5D	W74-04594	7-09	5A	W74-04673	7-09	2E
W74-04437	7-09	23	W74-04516	7-09	5A	W74-04595	7-09	9A	W74-04674	7-09	5B
W74-04438	7-09	23	W74-04517	7-09	5D	W74-04596	7-09	4B	W74-04675	7-09	2E
W74-04439	7-09	21	W74-04518	7-09	2K	W74-04597	7-09	2A	W74-04676	7-09	5D
W74-04440	7-09	21	W74-04519	7-09	5E	W74-04598	7-09	4B	W74-04677	7-09	5D
W74-04441	7-09	5B	W74-04520	7-09	SD	W74-04599	7-09	2E	W74-04678	7-09	2H
										7-09	
W74-04442	7-09	5B	W74-04521	7-09	5D	W74-04600	7-09	SB .	W74-04679		21
W74-04443	7-09	5B	W74-04522	7-09	5D	W74-04601	7-09	2C	W74-04680	7-09	5C
W74-04444	7-09	5B	W74-04523	7-09	5C	W74-04602	7-09	4B	W74-04681	7-09	5C
W74-04445	7-09	5D	W74-04524	7-09	5D	W74-04603	7-09	8B	W74-04682	7-09	21
W74-04446	7-09	5A	W74-04525	7-09	5D	W74-04604	7-09	3B	W74-04683	7-09	21
W74-04447	7-09	5A	W74-04526	7-09	5D	W74-04605	7-09	5E	W74-04684	7-09	5A
W74-04448	7-09	5A	W74-04527	7-09	5D	W74-04606	7-09	5B	W74-04685	7-09	5C
W74-04449	7-09	5A	W74-04528	7-09	5D	W74-04607	7-09	2E	W74-04686	7-09	44
W74-04450	7-09	5B	W74-04529	7-09	5D	W74-04608	7-09	2L	W74-04687	7-09	3F
W74-04451	7-09	5B	W74-04530	7-09	5B	W74-04609	7-09	2E	W74-04688	7-09	5C
						W74-04610					2H
W74-04452	7-09	5B	W74-04531	7-09	5D		7-09	2E	W74-04689	7-09	-
W74-04453	7-09	5B	W74-04532	7-09	SD	W74-04611	7-09	2E	W74-04690	7-09	3F
W74-04454	7-09	5B	W74-04533	7-09	5D	W74-04612	7-09	2E	W74-04691	7-09	3F
W74-04455	7-09	5B	W74-04534	7-09	5D	W74-04613	7-09	2E	W74-04692	7-09	5G
W74-04456	7-09	5B	W74-04535	7-09	5D	W74-04614	7-09	8B	W74-04693	7-09	4A
W74-04457	7-09	5D	W74-04536	7-09	5B	W74-04615	7-09	2J	W74-04694	7-09	4A
W74-04458	7-09	5A	W74-04537	7-09	5D	W74-04616	7-09	2I.	W74-04695	7-09	2H
W74-04459	7-09	2A	W74-04538	7-09	5D	W74-04617	7-09	21	W74-04696	7-09	5C
W74-04460	7-09	4B	W74-04539	7-09	21	W74-04618	7-09	21	W74-04697	7-09	21
W74-04461		3B	W74-04540	7-09	5D	W74-04619	7-09	21	W74-04698	7-09	21
	7-09			0.53							
W74-04462	7-09	4A	W74-04541	7-09	5D	W74-04620	7-09	2J	W74-04699	7-09	21
W74-04463	7-09	6A	W74-04542	7-09	5D	W74-04621	7-09	23	W74-04700	7-09	21
W74-04464	7-09	5G	W74-04543	7-09	5D	W74-04622	7-09	23	W74-04701	7-09	5A
W74-04465	7-09	5G	W74-04544	7-09	5D	W74-04623	7-09	23	W74-04702	7-09	81
W74-04466	7-09	4B	W74-04545	7-09	21	W74-04624	7-09	23	W74-04703	7-09	21
W74-04467	7-09	2F	W74-04546	7-09	5D	W74-04625	7-09	2L	W74-04704	7-09	5D
W74-04468	7-09	2F	W74-04547	7-09	5C	W74-04626	7-09	8A	W74-04705	7-09	5G
W74-04469	7-09	2F	W74-04548	7-09	5D	W74-04627	7-09	2L	W74-04706	7-09	5F
W74-04470	7-09	2A	W74-04549	7-09	5D	W74-04628	7-09	5B	W74-04707	7-09	5D
W74-04471	7-09	5B	W74-04550	7-09	5G	W74-04629	7-09	2L.	W74-04708	7-09	5D
		2E		7-09	5C	W74-04630	7-09	5B	W74-04709	7-09	SD
W74-04472	7-09		W74-04551								
W74-04473	7-09	6E	W74-04552	7-09	5C	W74-04631	7-09	2L	W74-04710	7-09	3A
W74-04474	7-09	5C	W74-04553	7-09	5C	W74-04632	7-09	5D	W74-04711	7-09	8B
W74-04475	7-09	5A	W74-04554	7-09	5D	W74-04633	7-09	5A	W74-04712	7-09	5D
W74-04476	7-09	2E	W74-04555	7-09	5G	W74-04634	7-09	5B	W74-04713	7-09	5G
W74-04477	7-09	8B	W74-04556	7-09	2G	W74-04635	7-09	5C	W74-04714	7-09	5D
W74-04478	7-09	5B	W74-04557	7-09	5A	W74-04636	7-09	2H	W74-04715	7-09	81
W74-04479	7-09	5E	W74-04558	7-09	5A	W74-04637	7-09	SC	W74-04716	7-09	5D
W74-04480	7-09	5E	W74-04559	7-09	5G	W74-04638	7-09	5C	W74-04717	7-09	5D
W74-04481	7-09	5B	W74-04560	7-09	3F	W74-04639	7-09	2]	W74-04718	7-09	5G
W74-04482	7-09	8B	W74-04561	7-09	3C	W74-04640	7-09	3F	W74-04719	7-09	SD
W74-04483	7-09	4C	W74-04562	7-09	5D	W74-04641	7-09	4A	W74-04720	7-09	3A
						W74-04642		4C	W74-04721	7-09	
W74-04484	7-09	2K	W74-04563	7-09	4B		7-09				2L
W74-04485	7-09	5A	W74-04564	7-09	3F	W74-04643	7-09	2H	W74-04722	7-09	2J
W74-04486	7-09	21	W74-04565	7-09	3F	W74-04644	7-09	5C	W74-04723	7-09	2E
W74-04487	7-09	21	W74-04566	7-09	3F	W74-04645	7-09	SC	W74-04724	7-09	2L
W74-04488	7-09	5B	W74-04567	7-09	7B	W74-04646	7-09	2H	W74-04725	7-09	23
W74-04489	7-09	2E	W74-04568	7-09	7B	W74-04647	7-09	2H	W74-04726	7-09	2L
W74-04490	7-09	5B	W74-04569	7-09	7B	W74-04648	7-09	5C	W74-04727	7-09	2J
W74-04491	7-09	5B	W74-04570	7-09	7B	W74-04649	7-09	2L.	W74-04728	7-09	2J
W74-04492	7-09	2G	W74-04571	7-09	2C	W74-04650	7-09	81	W74-04729	7-09	2E
W74-04493	7-09	2G	W74-04572	7-09	2C	W74-04651	7-09	2G	W74-04730	7-09	2L
W74-04494	7-09	2E	W74-04573	7-09	8B	W74-04652	7-09	5B	W74-04731	7-09	2L
	7-09	4B		7-09	44	W74-04653	7-09	3F		7-09	2L
W74-04495			W74-04574						W74-04732		
W74-04496	7-09	2H	W74-04575	7-09	2H	W74-04654	7-09	21	W74-04733	7-09	2G
W74-04497	7-09	7B	W74-04576	7-09	2G	W74-04655	7-09	3F	W74-04734	7-09	23
W74-04498	7-09	6E	W74-04577	7-09	2E	W74-04656	7-09	8C	W74-04735	7-09	2L
W74-04499	7-09	6D	W74-04578	7-09	2A	W74-04657	7-09	5B	W74-04736	7-09	2.3
W74-04500	7-09	6B	W74-04579	7-09	5B	W74-04658	7-09	2K	W74-04737	7-09	23

		-			W74-04817	7-09	2H		W74-04896	7-10	5A	44	W74-04975	7-10	4B
W74-04738	7-09	23					21		W74-04897	7-10	5C				5B
W74-04739	7-09	2J			W74-04818	7-09							W74-04977		21
W74-04740	7-09	2L			W74-04819	7-09	5C		W74-04898	7-10	7C				
W74-04741	7-09	2L			W74-04820	7-09	4A		W74-04899	7-10	5A		W74-04978		21
W74-04742	7-09	2L			W74-04821	7-09	3F		W74-04900	7-10	5D		W74-04979	7-10	5B
W74-04743	7-09	2L			W74-04822	7-09	3F		W74-04901	7-10	5C		W74-04980	7-10	4A
W74-04744	7-09	2L			W74-04823	7-09	3F		W74-04902	7-10	5A		W74-04981	7-10	5D
	7-09	2L			W74-04824	7-09	3F		W74-04903	7-10	5A		W74-04982	7-10	5A
W74-04745						7-09	3F		W74-04904	7-10	5A		W74-04983		2L
W74-04746	7-09	2L			W74-04825						5C		W74-04984	7-10	2A
W74-04747	7-09	2J			W74-04826	7-09	3F		W74-04905	7-10					
W74-04748	7-09	2L			W74-04827	7-09	3F		W74-04906	7-10	5A		W74-04985	7-10	5G
W74-04749	7-09	2L		*	W74-04828	7-09	3F		W74-04907	7-10	5A		W74-04986	7-10	4D
W74-04750	7-09	23		,	W74-04829	7-09	3F		W74-04908	7-10	5D		W74-04987	7-10	6G
W74-04751	7-09	2J			W74-04830	7-09	3F		W74-04909	7-10	5A		W74-04988	7-10	6B
	7-09	23			W74-04831	7-09	3F		W74-04910	7-10	5A		W74-04989	7-10	4A
W74-04752						7-09	3F		W74-04911	7-10	4B		W74-04990	7-10	6B
W74-04753	7-09	2Ј			W74-04832						6D		W74-04991	7-10	6B
W74-04754	7-09	2.J			W74-04833	7-09	3F		W74-04912	7-10			****		4B
W74-04755	7-09	23			W74-04834	7-09	3F		W74-04913	7-10	5G		W74-04992	7-10	
W74-04756	7-09	23			W74-04835	7-09	5A		W74-04914	7-10	2C		W74-04993	7-10	4A
W74-04757	7-09	2J			W74-04836	7-09	5D		W74-04915	7-10	6D		W74-04994	7-10	4A
W74-04758	7-09	2L			W74-04837	7-09	5G		W74-04916	7-10	2J	. 15	W74-04995	7-10	2L
	7-09	2L			W74-04838	7-09	5F		W74-04917	7-10	2F		W74-04996	7-10	4D
W74-04759									W74-04918	7-10	4A		W74-04997	7-10	44
W74-04760	7-09	8B			W74-04839	7-09	5B						W74-04998	7-10	2G
W74-04761	7-09	2L			W74-04840	7-09	21		W74-04919	7-10	5A				
W74-04762	7-09	2L			W74-04841	7-09	2J		W74-04920	7-10	4A		W74-04999	7-10	44
W74-04763	7-09	2L			W74-04842	7-09	2E		W74-04921	7-10	2B		W74-05000	7-10	44
W74-04764	7-09	5C			W74-04843	7-09	7C		W74-04922	7-10	4B		W74-05001	7-10	4A
W74-04765	7-09	8B			W74-04844	7-09	2H		W74-04923	7-10	81		W74-05002	7-10	4A
		-					2H		W74-04924	7-10	7C		W74-05003	7-10	6B
W74-04766	7-09	4B			W74-04845	7-09							W74-05004	7-10	5G
W74-04767	7-09	5A			W74-04846	7-09	2J		W74-04925	7-10	5B				
W74-04768	7-09	5A			W74-04847	7-09	5G		W74-04926	7-10	2L		W74-05005	7-10	5G
W74-04769	7-09	5A			W74-04848	7-09	9D		W74-04927	7-10	2L		W74-05006	7-10	5F
W74-04770	7-09	5A			W74-04849	7-09	5B		W74-04928	7-10	2L		W74-05007	7-10	5F
W74-04771	7-09	5B			W74-04850	7-09	5B		W74-04929	7-10	2L		W74-05008	7-10	5F
							5D		W74-04930	7-10	2J		W74-05009	7-10	5F
W74-04772	7-09	7C			W74-04851	7-10							W74-05010	7-10	5F
W74-04773	7-09	5A			W74-04852	7-10	4A		W74-04931	7-10	2J				
W74-04774	7-09	2J			W74-04853	7-10	4B		W74-04932	7-10	2L		W74-05011	7-10	5F
W74-04775	7-09	5B			W74-04854	7-10	4A		W74-04933	7-10	5B		W74-05012	7-10	5F
W74-04776	7-09	5A			W74-04855	7-10	5A		W74-04934	7-10	2L		W74-05013	7-10	5F
W74-04777	7-09	5A			W74-04856	7-10	8A		W74-04935	7-10	2L		W74-05014	7-10	5F
					W74-04857	7-10	8B		W74-04936	7-10	8B		W74-05015	7-10	5F
W74-04778	7-09	5A							W74-04937	7-10	2L		W74-05016	7-10	2K
W74-04779	7-09	5C			W74-04858	7-10									
W74-04780	7-09	5C			W74-04859	7-10			W74-04938	7-10	2L		W74-05017	7-10	2F
W74-04781	7-09	5C			W74-04860	. 7-10	5B		W74-04939	7-10	2J		W74-05018	7-10	3C
W74-04782	7-09	5B			W74-04861	7-10	5C		W74-04940	7-10	21		W74-05019	7-10	2G
W74-04783	7-09	5B			W74-04862	7-10			W74-04941	7-10	2L		W74-05020	7-10	2G
					W74-04863	7-10			W74-04942	7-10	2J	. ,	W74-05021	7-10	5B
W74-04784	7-09	5A							W74-04943	7-10	2E		W74-05022	7-10	5B
W74-04785	7-09	5B			W74-04864	7-10									
W74-04786	7-09	5C			W74-04865	7-10			W74-04944	7-10	2L		W74-05023	7-10	5B
W74-04787	7-09	5C			W74-04866	7-10	5A		W74-04945	7-10			W74-05024	7-10	2L
W74-04788	7-09	5A			W74-04867	7-10	5A		W74-04946	7-10	8B		W74-05025	7-10	2L
W74-04789		5C			W74-04868	7-10	5A		W74-04947	7-10	2G		W74-05026	7-10	7B
W74-04790		5C			W74-04869	7-10			W74-04948	7-10	8B		W74-05027	7-10	6G
									W74-04949	7-10			W74-05028	7-10	2L
W74-04791	7-09	5A			W74-04870								W74-05029	7-10	2L
W74-04792		2H			W74-04871	7-10			W74-04950	7-10				7-10	
W74-04793		2C			W74-04872	7-10			W74-04951	7-10			W74-05030		6E
W74-04794	7-09	2E			W74-04873				W74-04952	7-10			W74-05031	7-10	2J
W74-04795		2D			W74-04874	7-10	5B		W74-04953	7-10			W74-05032	7-10	2 J
W74-04796		2E			W74-04875	7-10	2L		W74-04954	7-10	2L		W74-05033	7-10	2J
W74-04797		81			W74-04876				W74-04955	7-10			W74-05034	7-10	2L
		5D			W74-04877				W74-04956	7-10			W74-05035	7-10	2J
W74-04798													W74-05036	7-10	8B
W74-04799					W74-04878				W74-04957	7-10					
W74-04800	7-09		,	*4	W74-04879				W74-04958	7-10			W74-05037	7-10	2G
W74-04801	7-09	2J			W74-04880	7-10	21		W74-04959				W74-05038	7-10	5B
W74-04802					W74-04881	7-10	5C		W74-04960	7-10	2.3	10	W74-05039	7-10	8B
W74-04803					W74-04882				W74-04961	7-10	2L		W74-05040	7-10	6B
W74-04804					W74-04883				W74-04962				W74-05041	7-10	23
					W74-04884				W74-04963				W74-05042	7-10	2J
W74-04805													W74-05043	7-10	2J
W74-04806					W74-04885				W74-04964						5C
W74-04807					W74-04886				W74-04965				W74-05044	7-10	
W74-04808	7-09	4B			W74-04887	7-10) 5A		W74-04966				W74-05045	7-10	5C
W74-04809					W74-04888	7-10	5A		W74-04967	7-10	2J		W74-05046	7-10	5C
W74-04810					W74-04889				W74-04968		2J	9 15	W74-05047	7-10	5C
W74-04811					W74-04890				W74-04969				W74-05048	7-10	5D
									W74-04970				W74-05049	7-10	5C
W74-04812	7-09				W74-04891										5C
					W74-04892	7-10) 7C		W74-04971	7-10	2L		W74-05050	7-10	36
W74-04813	7-09									-			3317 - 070		200
W74-04813 W74-04814	7-09				W74-04893	7-10	7C		W74-04972		2L		W74-05051	7-10	5C
W74-04814	7-09	5C				7-10	7C		W74-04972 W74-04973		2L		W74-05052	7-10	5C
	7-09 7-09 7-09	5C 5C			W74-04893	7-10	7C 5A	,		7-10	2L 2F			7-10	5C

W74-05054	7-10	2G		W74-05133	7-10	4B		W74-05212	7-10	5C		W74-05291	7-10	5A
								W74-05213	7-10	3F	= -		7-10	5A
W74-05055	7-10	5C		W74-05134	7-10	23								
W74-05056	7-10	5C		W74-05135	7-10	2J		W74-05214	7-10	4A		W74-05293	7-10	5A
W74-05057	7-10	5C		W74-05136	7-10	2G		W74-05215	7-10	3F		W74-05294	7-10	5A
													7-10	5B
W74-05058	7-10	2G		W74-05137	7-10	2F		W74-05216	7-10	3F				
W74-05059	7-10	5C		W74-05138	7-10	2E		W74-05217	7-10	3C		W74-05296	7-10	5A
W74-05060	7-10	5C		W74-05139	7-10	4B		W74-05218	7-10	3C		W74-05297	7-10	5A
W74-05061	7-10	5C		W74-05140	7-10	2E		W74-05219	7-10	3F			7-10	7B
W74-05062	7-10	5C		W74-05141	7-10	4A		W74-05220	7-10	3F		W74-05299	7-10	5C
				W74-05142	7-10	2C		W74-05221	7-10	3F		W74-05300	7-10	5C
W74-05063	7-10	5F												
W74-05064	7-10	5G		W74-05143	7-10	2C		W74-05222	7-10	3F		W74-05301	7-10	5A
W74-05065	7-10	5C		W74-05144	7-10	2C		W74-05223	7-10	6A		W74-05302	7-10	5A
					7-10	4A		W74-05224	7-10	3F		W74-05303	7-10	2K
W74-05066	7-10	23		W74-05145										
W74-05067	7-10	5C		W74-05146	7-10	2A		W74-05225	7-10	3F		W74-05304	7-10	2K
W74-05068	7-10	5C		W74-05147	7-10	2F		W74-05226	7-10	3F		W74-05305	7-10	5A
													7-10	
W74-05069	7-10	5C		W74-05148	7-10	2G		W74-05227	7-10	3F		W74-05306		5A
W74-05070	7-10	5C		W74-05149	7-10	2B		W74-05228	7-10	5D		W74-05307	7-10	5A
W74-05071	7-10	5C		W74-05150	7-10	2E		W74-05229	7-10	5B		W74-05308	7-10	5C
W74-05072	7-10	5C		W74-05151	7-10	7C		W74-05230	7-10	5B		W74-05309	7-10	5A
W74-05073	7-10	5C		W74-05152	7-10	2L		W74-05231	7-10	6B		W74-05310	7-10	5A
												W74-05311	7-10	5A
W74-05074	7-10	5C		W74-05153	7-10	5B		W74-05232	7-10	6B				
W74-05075	7-10	5C		W74-05154	7-10	2C		W74-05233	7-10	5D		W74-05312	7-10	5A
W74-05076	7-10	6E		W74-05155	7-10	2D	1	W74-05234	7-10	6F		W74-05313	7-10	5A
W74-05077	7-10	4B		W74-05156	7-10	7C		W74-05235	7-10	6E		W74-05314	7-10	5A
W74-05078	7-10	5B		W74-05157	7-10	8I		W74-05236	7-10	6F		W74-05315	7-10	5A
									7-10	2G		W74-05316	7-10	5C
W74-05079	7-10	5B		W74-05158	7-10	2C		W74-05237						
W74-05080	7-10	4B		W74-05159	7-10	2C		W74-05238	7-10	5D		W74-05317	7-10	5C
W74-05081	7-10	8G		W74-05160	7-10	2C		W74-05239	7-10	5B		W74-05318	7-10	5C
W74-05082	7-10	6E		W74-05161	7-10	2C		W74-05240	7-10	5A		W74-05319	7-10	5A
W74-05083	7-10	6G		W74-05162	7-10	2C		W74-05241	7-10	6B		W74-05320	7-10	5A
		-							7-10	5D		W74-05321	7-10	7B
W74-05084	7-10	4B		W74-05163	7-10	2C		W74-05242						
W74-05085	7-10	8G		W74-05164	7-10	2C		W74-05243	7-10	5D		W74-05322	7-10	5A
W74-05086	7-10	8G		W74-05165	7-10	2C		W74-05244	7-10	5A		W74-05323	7-10	5A
W74-05087	7-10	4B		W74-05166	7-10	2E		W74-05245	7-10	5D		W74-05324	7-10	2G
W74-05088	7-10	8B		W74-05167	7-10	6A		W74-05246	7-10	5C		W74-05325	7-10	5C
													7-10	5A
W74-05089	7-10	8B		W74-05168	7-10	4B		W74-05247	7-10	5D		W74-05326		
W74-05090	7-10	8G		W74-05169	7-10	2B		W74-05248	7-10	5B		W74-05327	7-10	5C
W74 05001	7-10	8B		W74-05170	7-10	2C		W74-05249	7-10	5B		W74-05328	7-10	5B
W74-05091														
W74-05092	7-10	8G		W74-05171	7-10	2E		W74-05250	7-10	5B		W74-05329	7-10	5C
W74-05093	7-10	8C		W74-05172	7-10	4B		W74-05251	7-10	1A		W74-05330	7-10	5B
W74-05094	7-10	5 B		W74-05173	7-10	5B		W74-05252	7-10	5D		W74-05331	7-10	4B
W74-05095	7-10	8G		W74-05174	7-10	5A		W74-05253	7-10	5D		W74-05332	7-10	5C
W74-05096	7-10	8B		W74-05175	7-10	5A		W74-05254	7-10	5D		W74-05333	7-10	5B
W74-05097	7-10	8G		W74-05176	7-10	5B		W74-05255	7-10	5D		W74-05334	7-10	5B
					7-10	5B		W74-05256	7-10	5A		W74-05335	7-10	5B
W74-05098	7-10	8B		W74-05177										
W74-05099	7-10	8B		W74-05178	7-10	5A		W74-05257	7-10	5D		W74-05336	7-10	4B
W74-05100	7-10	5B		W74-05179	7-10	5B		W74-05258	7-10	5D		W74-05337	7-10	5B
W74-05101	7-10	8G		W74-05180	7-10	5G		W74-05259	7-10	5A		W74-05338	7-10	6G
W74-05102	7-10	8G		W74-05181	7-10	5B		W74-05260	7-10	5D		W74-05339	7-10	3F
				W74-05182	7-10			W74-05261	7-10	5D		W74-05340	7-10	23
W74-05103	7-10	8B												
W74-05104	7-10	4A		W74-05183	7-10	5B		W74-05262	7-10	5D		W74-05341	7-10	3F
W74-05105	7-10	5D		W74-05184	7-10	5B		W74-05263	7-10	5D		W74-05342	7-10	5C
W74-05106	7-10	5G		W74-05185	7-10	5B		W74-05264	7-10	5D		W74-05343	7-10	4A
W74-05107	7-10	2E		W74-05186	7-10	5G		W74-05265	7-10	5A		W74-05344	7-10	5C
W74-05108	7-10	5D		W74-05187	7-10			W74-05266	7-10	5E	1 7 7 4	W74-05345	7-10	5C
W74-05109	7-10	5D		W74-05188	7-10			W74-05267	7-10	5D		W74-05346	7-10	5B
W74-05110	7-10	5D		W74-05189	7-10	5B		W74-05268	7-10	5D		W74-05347	7-10	2J
	7-10			W74-05190	7-10			W74-05269	7-10	5D		W74-05348	7-10	21
W74-05111		5B												
W74-05112	7-10	5D		W74-05191	7-10	5B		W74-05270	7-10	5A		W74-05349	7-10	21
W74-05113	7-10	5C		W74-05192	7-10	5A		W74-05271	7-10	2G	1	W74-05350	7-10	21
W74-05114	7-10	5C		W74-05193	7-10			W74-05272	7-10	5D		W74-05351	7-10	21
W74-05115	7-10	2G		W74-05194	7-10	5B		W74-05273	7-10	5D		W74-05352	7-10	4A
				W74-05195	7-10			W74-05274	7-10	5D		W74-05353	7-10	4D
W74-05116								., ., ., ., ., ., ., ., ., ., ., ., .,						
W74-05117	7-10	5D		W74-05196	7-10			W74-05275	7-10	5D		W74-05354	7-10	4A
W74-05118	7-10	4B		W74-05197	7-10	5B		W74-05276	7-10	5D		W74-05355	7-10	4A
										5D		W74-05356	7-10	5C
W74-05119	7-10			W74-05198	7-10			W74-05277	7-10					
W74-05120	7-10	4B		W74-05199	7-10	5B		W74-05278	7-10	5D		W74-05357	7-10	5C
W74-05121	7-10			W74-05200	7-10			W74-05279	7-10	2G		W74-05358	7-10	5C
W74-05122	7-10	2L		W74-05201	7-10			W74-05280		5D		W74-05359	7-10	5C
W74-05123	7-10	2B		W74-05202	7-10	5C		W74-05281	7-10	5D		W74-05360	7-10	5C
			1.00		7-10			W74-05282		5D		W74-05361	7-10	5B
W74-05124	7-10			W74-05203										
W74-05125	7-10	5B		W74-05204	7-10	5C		W74-05283	7-10	5D	4	W74-05362	7-10	5A
W74-05126				W74-05205	7-10	2G		W74-05284	7-10	5B		W74-05363	7-10	5B
W74-05127	7-10			W74-05206	7-10			W74-05285	7-10	5B		W74-05364	7-10	2D
W74-05128		8B		W74-05207	7-10	5C		W74-05286	7-10	5D		W74-05365	7-10	21
	7-10							W74-05287	7-10					21
		70		W74-nsane								W /4-413 ton	7-10	
W74-05129	7-10			W74-05208	7-10		Auto C					W74-05366	7-10	
	7-10			W74-05208 W74-05209	7-10		• glar	W74-05288	7-10	5D		W74-05367	7-10	2G
W74-05129 W74-05130	7-10 7-10	2B		W74-05209	7-10	5C	* die		7-10	5D			7-10	
W74-05129	7-10 7-10 7-10	2B 4B				SC SC	* 250	W74-05288	7-10 7-10	5D 5D		W74-05367	7-10 7-10	2G

W74-05370	7-10	3F	W74-05449	7-11	5A	W74-05528	7-11	4B	W74-05607	7-11	6E	
W74-05371	7-10	3F	W74-05450	7-11	5A	W74-05529	7-11	2L	W74-05608	7-11	6E	
W74-05372	7-10	2G	W74-05451	7-11	5A	W74-05530	7-11	5D	W74-05609	7-11	6E	
W74-05373	7-10	3F	W74-05452 W74-05453	7-11	3F	W74-05531 W74-05532	7-11 7-11	8B 4A	W74-05610 W74-05611	7-11 7-11	6E 6E	
W74-05374 W74-05375	7-10 7-10	3F 2G	W74-05454	7-11	5B 5G	W74-05533	7-11	4A	W74-05612	7-11	6E	
W74-05376	7-10	3F	W74-05455	7-11	5A	W74-05534	7-11	4C	W74-05613	7-11	5A	
W74-05377	7-10	3F	W74-05456	7-11	5F	W74-05535	7-11	3E	W74-05614	7-11	6B	
W74-05378	7-10	2G	W74-05457	7-11	5B	W74-05536	7-11	2H	W74-05615	7-11	5D	
W74-05379	7-10	3F	W74-05458	7-11	5C	W74-05537	7-11	5C	W74-05616	7-11	6B	
W74-05380	7-10	21	W74-05459	7-11	5B	W74-05538	7-11 7-11	6B 3F	W74-05617	7-11	2I 5C	
W74-05381 W74-05382	7-10 7-10	2I 3A	W74-05460 W74-05461	7-11 7-11	5A 5C	W74-05539 W74-05540	7-11	5C	W74-05618 W74-05619	7-11	6G	
W74-05383	7-10	8A	W74-05462	7-11	5A	W74-05541	7-11	2F	W74-05620	7-11	6B	
W74-05384	7-10	5D	W74-05463	7-11	2L	W74-05542	7-11	5A	W74-05621	7-11	3F	
W74-05385	7-10	4A	W74-05464	7-11	4A	W74-05543	7-11	2A	W74-05622	7-11	6G	
W74-05386	7-10	5B	W74-05465	7-11	5G	W74-05544	7-11	7B	W74-05623	7-11	5G	
W74-05387	7-10 7-10	5G 5D	W74-05466	7-11	5C 5B	W74-05545 W74-05546	7-11 7-11	4B 4B	W74-05624 W74-05625	7-11	6B 6G	
W74-05388 W74-05389	7-10	5D	W74-05467 W74-05468	7-11	5A	W74-05547	7-11	2J	W74-05626	7-11	6B	
W74-05390	7-10	5B	W74-05469	7-11	21	W74-05548	7-11	2L	W74-05627	7-11	6A	
W74-05391	7-10	5G	W74-05470	7-11	5A	W74-05549	7-11	23	W74-05628	7-11	5G	
W74-05392	7-10	5B	W74-05471	7-11	5A	W74-05550	7-11	2J	W74-05629	7-11	5G	
W74-05393	7-10	5B	W74-05472	7-11	5A	W74-05551	7-11	5B	W74-05630	7-11	5G	
W74-05394	7-10 7-10	4A	W74-05473	7-11	5A	W74-05552	7-11 7-11	5D	W74-05631 W74-05632	7-11 7-11	5G 5D	
W74-05395 W74-05396	7-10	6A 6B	W74-05474 W74-05475	7-11	5A 2K	W74-05553 W74-05554	7-11	7C 2J	W74-05633	7-11	5G	
W74-05397	7-10	6A	W74-05476	7-11	5A	W74-05555	7-11	2E	W74-05634	7-11	5D	
W74-05398	7-10	5G	W74-05477	7-11	5A	W74-05556	7-11	4B	W74-05635	7-11	5D	
W74-05399	7-10	5A	W74-05478	7-11	5A	W74-05557	7-11	2G	W74-05636	7-11	5G	
W74-05400	7-10	5B	W74-05479	7-11	5A	W74-05558	7-11	2C	W74-05637	7-11	5G	
W74-05401	7-11	6A	W74-05480	7-11	5A	W74-05559	7-11	2F	W74-05638	7-11	5G	
W74-05402 W74-05403	7-11	6B 2A	W74-05481 W74-05482	7-11 7-11	2K 5A	W74-05560 W74-05561	7-11 7-11	2K 2A	W74-05639 W74-05640	7-11 7-11	5G 5D	
W74-05404	7-11	5B	W74-05483	7-11	5B	W74-05562	7-11	2F	W74-05641	7-11	5D	
W74-05405	7-11	2A	W74-05484	7-11	5C	W74-05563	7-11	2F	W74-05642	7-11	5D	
W74-05406	7-11	2A	W74-05485	7-11	5B	W74-05564	7-11	8A	W74-05643	7-11	5D	
W74-05407	7-11	5C	W74-05486	7-11	5C	W74-05565	7-11	3A	W74-05644	7-11	6C	
W74-05408	7-11	6B	W74-05487	7-11	5B	W74-05566	7-11	2B	W74-05645	7-11	SC.	
W74-05409 W74-05410	7-11 7-11	5D 5A	W74-05488 W74-05489	7-11 7-11	5B 5B	W74-05567 W74-05568	7-11 7-11	2C 2B	W74-05646 W74-05647	7-11 7-11	6C 6C	
W74-05411	7-11	SD	W74-05490	7-11	5A	W74-05569	7-11	5B	W74-05648	7-11	6B	
W74-05412	7-11	4B	W74-05491	7-11	5A	W74-05570	7-11	2A	W74-05649	7-11	6E	
W74-05413	7-11	5B	W74-05492	7-11	5C	W74-05571	7-11	5C	W74-05650	7-11	6E	
W74-05414	7-11	2E	W74-05493	7-11	5B	W74-05572	7-11	5B	W74-05651	7-11	6E	
W74-05415 W74-05416	7-11 7-11	2L 5B	W74-05494 W74-05495	7-11 7-11	5A 5A	W74-05573 W74-05574	7-11 7-11	5G 6E	W74-05652 W74-05653	7-11 7-11	6E 6E	
W74-05417	7-11	5A	W74-05496	7-11	5A	W74-05575	7-11	6E	W74-05654	7-11	6E	
W74-05418	7-11	5C	W74-05497	7-11	5A	W74-05576	7-11	6E	W74-05655	7-11	6E	
W74-05419	7-11	5B	W74-05498	7-11	5A	W74-05577	7-11	6E	W74-05656	7-11	6B	
W74-05420	7-11	5C	W74-05499	7-11	5C	W74-05578	7-11	5B	W74-05657	7-11	6E	
W74-05421	7-11	5C	W74-05500	7-11	5A	W74-05579	7-11	SC	W74-05658	7-11	6E	
W74-05422 W74-05423	7-11	SC SC	W74-05501 W74-05502	7-11	5B 5B	W74-05580 W74-05581	7-11 7-11	5C 7B	W74-05659 W74-05660	7-11 7-11	6E 5C	
W74-05424	7-11	5C	W74-05503	7-11	5B	W74-05582	7-11	5C	W74-05661	7-11	5C	
W74-05425	7-11	5C	W74-05504	7-11	5B	W74-05583	7-11	21	W74-05662	7-11	2D	
W74-05426	7-11	5C	W74-05505	7-11	2L	W74-05584	7-11	6E	W74-05663	7-11	5B	
W74-05427	7-11	5C	W74-05506	7-11	5A	W74-05585	7-11	6E	W74-05664	7-11	4A	
W74-05428 W74-05429	7-11 7-11	5C 5B	W74-05507 W74-05508	7-11 7-11	5F 5F	W74-05586 W74-05587	7-11 7-11	6E 6E	W74-05665 W74-05666	7-11 7-11	3F 5B	
W74-05429	7-11	5A	W74-05509	7-11	5F	W74-05588	7-11	6E	W74-05667	7-11	3F	
W74-05431	7-11	5B	W74-05510	7-11	5F	W74-05589	7-11	6E	W74-05668	7-11	2G	
W74-05432	7-11	5B	W74-05511	7-11	5F	W74-05590	7-11	6E	W74-05669	7-11	2J	
W74-05433	7-11	5D	W74-05512	7-11	5D	W74-05591	7-11	5B	W74-05670	7-11	8B	
W74-05434	7-11	5D	W74-05513	7-11	5D	W74-05592	7-11	6E	W74-05671	7-11	3F	
W74-05435 W74-05436	7-11	5B 5A	W74-05514 W74-05515	7-11 7-11	5D 7B	W74-05593 W74-05594	7-11 7-11	6E 6E	W74-05672 W74-05673	7-11 7-11	2A 4A	
W74-05437	7-11	5A	W74-05516	7-11	7B	W74-05595	7-11	6E	W74-05674	7-11	3F	
W74-05438	7-11	5A	W74-05517	7-11	7B	W74-05596	7-11	6E	W74-05675	7-11	2G	
W74-05439	7-11	5A	W74-05518	7-11	7B	W74-05597	7-11	5G	W74-05676	7-11	5D	
W74-05440	7-11	5C	W74-05519	7-11	7B	W74-05598	7-11	6E	W74-05677	7-11	2G	
W74-05441	7-11	5B	W74-05520	7-11	7B	W74-05599	7-11	6E	W74-05678	7-11	3F	
W74-05442 W74-05443	7-11 7-11	5A 5A	W74-05521 W74-05522	7-11 7-11	7B 6B	W74-05600 W74-05601	7-11 7-11	6E 6E	W74-05679 W74-05680	7-11 7-11	4A 4B	
W74-05444	7-11	5A	W74-05523	7-11	8B	W74-05602	7-11	6E	W74-05681	7-11	3F	
W74-05445	7-11	5A	W74-05524	7-11	2B	W74-05603	7-11	6E	W74-05682	7-11	6D	
W74-05446	7-11	2K	W74-05525	7-11	3E	W74-05604	7-11	6E	W74-05683	7-11	4B	
W74-05447	7-11	5A	W74-05526	7-11	5C	W74-05605	7-11	6E	W74-05684	7-11	5D	
W74-05448	7-11	5A	W74-05527	7-11	4B	W74-05606	7-11	6E	W74-05685	7-11	5D	

								••	*****		
W74-05686	7-11	5D	W74-05765	7-11	6E	W74-05844	7-11	2C	W74-05923	7-11	2H
W74-05687	7-11	5D	W74-05766	7-11	6E	W74-05845	7-11	4A	W74-05924	7-11	3F
W74-05688	7-11	5G	W74-05767	7-11	6E	W74-05846	7-11	8E	W74-05925	7-11	6G
W74-05689	7-11	2C	W74-05768	7-11	6E	W74-05847	7-11	5B	W74-05926	7-11	4A
W74-05690	7-11	5D	W74-05769	7-11	21	W74-05848	7-11	4B	W74-05927	7-11	21
W74-05691	7-11	5G	W74-05770	7-11	6E	W74-05849	7-11	2E	W74-05928	7-11	3F
W74-05692	7-11	5D	W74-05771	7-11	6E	W74-05850	7-11	4A	W74-05929	7-11	2G
W74-05693	7-11	5A	W74-05772	7-11	6E	W74-05851	7-11	2E	W74-05930	7-11	2G
W74-05694	7-11	3A	W74-05773	7-11	6E	W74-05852	7-11	3F	W74-05931	7-11	2E
W74-05695	7-11	2L	W74-05774	7-11	6E	W74-05853	7-11	2C	W74-05932	7-11	4A
W74-05696	7-11	5B	W74-05775	7-11	6E	W74-05854	7-11	6B	W74-05933	7-11	5D
		21	W74-05776	7-11	6E	W74-05855	7-11	8D	W74-05934	7-11	4A
W74-05697	7-11			7-11	5G	W74-05856	7-11	5D	W74-05935	7-11	6B
W74-05698	7-11	5B	W74-05777			W74-05857	7-11	2F	W74-05936	7-11	6A
W74-05699	7-11	2L	W74-05778	7-11	5G				W74-05937	7-11	4A
W74-05700	7-11	5A	W74-05779	7-11	5G	W74-05858	7-11	6D		7-11	
W74-05701	7-11	2L	W74-05780	7-11	5E	W74-05859	7-11	4A	W74-05938		4A
W74-05702	7-11	2L	W74-05781	7-11	5G	W74-05860		2E	W74-05939	7-11	5C
W74-05703	7-11	3F	W74-05782	7-11	2L	W74-05861	7-11	4A	W74-05940	7-11	5C
W74-05704	7-11	5B	W74-05783	7-11	6E	W74-05862	7-11	5A	W74-05941	7-11	3F
W74-05705	7-11	8B	W74-05784	7-11	6E	W74-05863	7-11	5D	W74-05942	7-11	2D
W74-05706	7-11	8B	W74-05785	7-11	2L	W74-05864	7-11	6D	W74-05943	7-11	5B
W74-05707	7-11	10C	W74-05786	7-11	2L	W74-05865	7-11	6B	W74-05944	7-11	5D
W74-05708	7-11	2L	W74-05787	7-11	6E	W74-05866	7-11	4A	W74-05945	7-11	4A
W74-05709	7-11	8B	W74-05788	7-11	6E	W74-05867	7-11	4A	W74-05946	7-11	4A
W74-05710	7-11	2J	W74-05789	7-11	6E	W74-05868	7-11	4A	W74-05947	7-11	2G
W74-05711	7-11	2L	W74-05790	7-11	6E	W74-05869		6B	W74-05948	7-11	2G
W74-05712	7-11	8B	W74-05791	7-11	6E	W74-05870		5D	W74-05949	7-11	2G
			W74-05791	7-11	3B	W74-05871	7-11	5D	W74-05950	7-11	5C
W74-05713	7-11	5B		7-11	5B	W74-05872		6B	W74-05951	7-12	5D
W74-05714	7-11	2L	W74-05793							7-12	6B
W74-05715	7-11	2F	W74-05794	7-11	5D	W74-05873		5D	W74-05952		
W74-05716	7-11	5B	W74-05795	7-11	5B	W74-05874		5D	W74-05953	7-12	6A
W74-05717	7-11	23	W74-05796	7-11	6E	W74-05875		5D	W74-05954	7-12	5C
W74-05718	7-11	2J	W74-05797	7-11	6E	W74-05876		6B	W74-05955	7-12	5B
W74-05719	7-11	2J	W74-05798	7-11	6E	W74-05877	7-11	5D	W74-05956	7-12	5B
W74-05720	7-11	23	W74-05799	7-11	6E	W74-05878	7-11	5D	W74-05957	7-12	6E
W74-05721	7-11	2Ј	W74-05800	7-11	5B	W74-05879	7-11	5D	W74-05958	7-12	5B
W74-05722	7-11	2J	W74-05801	7-11	5G	W74-05880	7-11	4A	W74-05959	7-12	2F
W74-05723	7-11	2J	W74-05802	7-11	3F	W74-05881	7-11	5G	W74-05960	7-12	5C
W74-05724	7-11	2J	W74-05803	7-11		W74-05882	7-11	8A	W74-05961	7-12	8B
W74-05725	7-11	2L	W74-05804	7-11	2L	W74-05883	7-11	5D	W74-05962	7-12	2F
W74-05726	7-11	25	W74-05805	7-11		W74-05884		5D	W74-05963	7-12	5D
W74-05727	7-11	5C	W74-05806	7-11		W74-05885		5D	W74-05964	7-12	6E
	7-11	2C	W74-05807	7-11		W74-05886			W74-05965	7-12	5D
W74-05728				7-11		W74-0588			W74-05966	7-12	5D
W74-05729	7-11	2.5	W74-05808			W74-0588			W74-05967	7-12	5D
W74-05730	7-11	2L	W74-05809	7-11	4A				W74-05968	7-12	5D
W74-05731	7-11	2K	W74-05810	7-11		W74-0588					
W74-05732	7-11	3B	W74-05811	7-11		W74-05890			W74-05969	7-12	5D
W74-05733	7-11	6A	W74-05812	7-11		W74-0589			W74-05970	7-12	5D
W74-05734	7-11	2E	W74-05813	7-11		W74-0589			W74-05971	7-12	5D
W74-05735	7-11	2J	W74-05814	7-11	5D	W74-0589			W74-05972	7-12	5D
W74-05736	7-11	2L	W74-05815	7-11	6E	W74-0589	7-11	5G	W74-05973	7-12	5D
W74-05737	7-11	8B	W74-05816	7-11	5G	W74-0589	7-11	5F	W74-05974	7-12	5D
W74-05738	7-11	2E	W74-05817	7-11	5B	W74-0589	7-11	5D	W74-05975	7-12	5D
W74-05739	7-11	10D	W74-05818	7-11	6E	W74-0589	7-11	5G	W74-05976	7-12	5D
W74-05740	7-11	5B	W74-05819			W74-0589			W74-05977	7-12	5D
W74-05741	7-11	2J	W74-05820			W74-0589	7-11	5D	W74-05978	7-12	5D
W74-05742	7-11	5B	W74-05821	7-11		W74-0590			W74-05979	7-12	5D
W74-05742	7-11	2J	W74-05822			W74-0590			W74-05980	7-12	5D
			W74-05823	7-11		W74-0590			W74-05981	7-12	5D
W74-05744	7-11	5C				W74-0590			W74-05982	7-12	5D
W74-05745	7-11	6E	W74-05824	7-11		W74-0590			W74-05982 W74-05983	7-12	5D
W74-05746		6E	W74-05825						W74-05984	7-12	5D
W74-05747		6E	W74-05826			W74-0590					
W74-05748		6E	W74-05827			W74-0590			W74-05985	7-12	5D 5D
W74-05749		6E	W74-05828			W74-0590			W74-05986	7-12	
W74-05750		6E	W74-05829			W74-0590			W74-05987	7-12	5B
W74-05751	7-11	6E	W74-05830			W74-0590			W74-05988	7-12	7B
W74-05752	7-11	6E	W74-05831			W74-0591			W74-05989	7-12	
W74-05753		6E	W74-05832	7-11	5B	W74-0591			W74-05990	7-12	
W74-05754		6E	W74-05833	7-11	5B	W74-0591	2 7-11	8B	W74-05991	7-12	
W74-05755		6E	W74-05834			W74-0591		2G	W74-05992	7-12	2K
W74-05756		6E	W74-05835			W74-0591	4 7-11	5D	W74-05993	7-12	5B
W74-05757		6E	W74-05836			W74-0591			W74-05994	7-12	2C
W74-05758		6E	W74-05837			W74-0591			W74-05995	7-12	
W74-05759		6E	W74-05838			W74-0591			W74-05996	7-12	
W74-05760		6E	W74-05839			W74-0591			W74-05997	7-12	
W74-05761			W74-05840			W74-0591			W74-05998	7-12	
			W74-05841			W74-0592			W74-05999		
W74-05762						W74-0592			W74-06000		
W74-05763			W74-05842			W74-0592			W74-06001	7-12	
W74-05764	7-11	5G	W74-05843	7-11	1 2B	₩ /4-0392	- /-1	. JE	1174-00001	,-12	424

W74-06002			
***** 0.000 7.12 AA	W74-06081 7-12 5C	W74-06160 7-12 5C	W74-06239 7-12 3F
W74-06002 7-12 4A W74-06003 7-12 2L	W74-06082 7-12 5C	W74-06161 7-12 5B	W74-06240 7-12 2I
W74-06004 7-12 6E	W74-06083 7-12 5C	W74-06162 7-12 5A	W74-06241 7-12 2I
W74-06005 7-12 6E	W74-06084 7-12 5C	W74-06163 7-12 5A	W74-06242 7-12 2H
W74-06006 7-12 6E	W74-06085 7-12 5C	W74-06164 7-12 5A	W74-06243 7-12 3F W74-06244 7-12 3F
W74-06007 7-12 6E	W74-06086 7-12 5C	W74-06165 7-12 5C W74-06166 7-12 5C	W74-06245 7-12 3F
W74-06008 7-12 6E	W74-06087 7-12 5C	W74-06166 7-12 5C W74-06167 7-12 5C	W74-06246 7-12 2I
W74-06009 7-12 6E	W74-06088 7-12 5A W74-06089 7-12 5A	W74-06168 7-12 5C	W74-06247 7-12 2H
W74-06010 7-12 5G W74-06011 7-12 5A	W74-06090 7-12 5C	W74-06169 7-12 5C	W74-06248 7-12 2H
W74-06011 7-12 5A W74-06012 7-12 5A	W74-06091 7-12 5C	W74-06170 7-12 5B	W74-06249 7-12 2H
W74-06013 7-12 5C	W74-06092 7-12 5B	W74-06171 7-12 2I	W74-06250 7-12 2I
W74-06014 7-12 5B	W74-06093 7-12 5A	W74-06172 7-12 5C	W74-06251 7-12 3F
W74-06015 7-12 5C	W74-06094 7-12 7B	W74-06173 7-12 5B	W74-06252 7-12 5C W74-06253 7-12 5C
W74-06016 7-12 5C	W74-06095 7-12 2K	W74-06174 7-12 5C W74-06175 7-12 6E	W74-06254 7-12 5C
W74-06017 7-12 2H	W74-06096 7-12 5A W74-06097 7-12 5A	W74-06176 7-12 6E	W74-06255 7-12 2I
W74-06018 7-12 5C W74-06019 7-12 5C	W74-06097 7-12 5A W74-06098 7-12 5C	W74-06177 7-12 6E	W74-06256 7-12 5B
W74-06020 7-12 5C	W74-06099 7-12 5A	W74-06178 7-12 6E	W74-06257 7-12 2G
W74-06021 7-12 7B	W74-06100 7-12 7B	W74-06179 7-12 6E	W74-06258 7-12 2J
W74-06022 7-12 5A	W74-06101 7-12 2B	W74-06180 7-12 6E	W74-06259 7-12 5C
W74-06023 7-12 5B	W74-06102 7-12 8I	W74-06181 7-12 6E	W74-06260 7-12 2L W74-06261 7-12 5B
W74-06024 7-12 5A	W74-06103 7-12 6B	W74-06182 7-12 6E	W74-06261 7-12 5B W74-06262 7-12 2F
W74-06025 7-12 5A	W74-06104 7-12 6A	W74-06183 7-12 6E W74-06184 7-12 6E	W74-06263 7-12 2F
W74-06026 7-12 7B	W74-06105 7-12 5C W74-06106 7-12 6B	W74-06185 7-12 6E	W74-06264 7-12 5B
W74-06027 7-12 5C W74-06028 7-12 5A	W74-06106 7-12 6G	W74-06186 7-12 6E	W74-06265 7-12 5B
W74-06029 7-12 5C	W74-06108 7-12 6G	W74-06187 7-12 6E	W74-06266 7-12 5B
W74-06030 7-12 5A	W74-06109 7-12 6G	W74-06188 7-12 6E	W74-06267 7-12 2E
W74-06031 7-12 5C	W74-06110 7-12 6G	W74-06189 7-12 6E	W74-06268 7-12 5G
W74-06032 7-12 5C	W74-06111 7-12 6G	W74-06190 7-12 6E	W74-06269 7-12 2F
W74-06033 7-12 5A	W74-06112 7-12 6G	W74-06191 7-12 6E	W74-06270 7-12 2H W74-06271 7-12 2E
W74-06034 7-12 5C	W74-06113 7-12 6G	W74-06192 7-12 6E W74-06193 7-12 6E	W74-06272 7-12 5B
W74-06035 7-12 5C	W74-06114 7-12 6G W74-06115 7-12 6G	W74-06194 7-12 6E	W74-06273 7-12 5B
W74-06036 7-12 5C W74-06037 7-12 5C	W74-06115 7-12 6G W74-06116 7-12 6G	W74-06195 7-12 6E	W74-06274 7-12 5D
W74-06037 7-12 5C	W74-06117 7-12 2I	W74-06196 7-12 6E	W74-06275 7-12 7C
W74-06039 7-12 5C	W74-06118 7-12 2I	W74-06197 7-12 8A	W74-06276 7-12 2C
W74-06040 7-12 5C	W74-06119 7-12 8I	W74-06198 7-12 5G	W74-06277 7-12 5B
W74-06041 7-12 5C	W74-06120 7-12 5C	W74-06199 7-12 6E	W74-06278 7-12 4B
W74-06042 7-12 5B	W74-06121 7-12 5B	W74-06200 7-12 6E	W74-06279 7-12 7C W74-06280 7-12 8A
W74-06043 7-12 5C	W74-06122 7-12 5A	W74-06201 7-12 6E W74-06202 7-12 6E	W74-06280 7-12 8A W74-06281 7-12 2J
W74-06044 7-12 5C	W74-06123 7-12 5C	W74-06202 7-12 6E W74-06203 7-12 6E	W74-06282 7-12 2J
W74-06045 7-12 5A W74-06046 7-12 5C	W74-06124 7-12 5A W74-06125 7-12 5B	W74-06204 7-12 6E	W74-06283 7-12 2L
W74-06046 7-12 5C W74-06047 7-12 5C	W74-06126 7-12 5C	W74-06205 7-12 6E	W74-06284 7-12 5A
W74-06048 7-12 5C	W74-06127 7-12 5A	W74-06206 7-12 6E	W74-06285 7-12 2J
W74-06049 7-12 5C	W74-06128 7-12 5A	W74-06207 7-12 6E	W74-06286 7-12 4A
W74-06050 7-12 5A	W74-06129 7-12 5A	W74-06208 7-12 6E	W74-06287 7-12 7B
W74-06051 7-12 5C	W74-06130 7-12 5A	W74-06209 7-12 6E	W74-06288 7-12 2A W74-06289 7-12 5A
W74-06052 7-12 5A	W74-06131 7-12 5A	W74-06210 7-12 6E W74-06211 7-12 6E	W74-06290 7-12 2B
W74-06053 7-12 5A	W74-06132 7-12 5A W74-06133 7-12 5A	W74-06211 7-12 6E W74-06212 7-12 6E	W74-06291 7-12 2F
W74-06054 7-12 5B W74-06055 7-12 2I	W74-06133 7-12 5A W74-06134 7-12 5C	W74-06213 7-12 6E	W74-06292 7-12 5C
W74-06056 7-12 2I	W74-06135 7-12 5A	W74-06214 7-12 6E	W74-06293 7-12 2J
W74-06057 7-12 5C	W74-06136 7-12 5B	W74-06215 7-12 6E	W74-06294 7-12 2J
W74-06058 7-12 5A	W74-06137 7-12 3F	W74-06216 7-12 6E	W74-06295 7-12 7B
W74-06059 7-12 7B	W74-06138 7-12 5C	W74-06217 7-12 6E	W74-06296 7-12 7B
W74-06060 7-12 5C	W74-06139 7-12 3F	W74-06218 7-12 6E	W74-06297 7-12 4A W74-06298 7-12 7C
W74-06061 7-12 5A	W74-06140 7-12 5A	W74-06219 7-12 6E W74-06220 7-12 6E	W74-06299 7-12 2E
W74-06062 7-12 5A	W74-06141 7-12 7B W74-06142 7-12 5A	W74-06221 7-12 6E	W74-06300 7-12 5A
W74-06063 7-12 5C W74-06064 7-12 5B	W74-06143 7-12 7B	W74-06222 7-12 6E	W74-06301 7-12 2G
W74-06065 7-12 5B	W74-06144 7-12 7B	W74-06223 7-12 6E	W74-06302 7-12 2G
W74-06066 7-12 5C	W74-06145 7-12 7C	W74-06224 7-12 6E	W74-06303 7-12 2G
W74-06067 7-12 2L	W74-06146 7-12 7C	W74-06225 7-12 6E	W74-06304 7-12 2G
W74-06068 7-12 5C	W74-06147 7-12 5A	W74-06226 7-12 6E	W74-06305 7-12 2E
W74-06069 7-12 2I	W74-06148 7-12 5A	W74-06227 7-12 6E	W74-06306 7-12 2H W74-06307 7-12 2J
W74-06070 7-12 3C	W74-06149 7-12 2K	W74-06228 7-12 6E W74-06229 7-12 6E	W74-06308 7-12 2J
W74-06071 7-12 5B	W74-06150 7-12 5A W74-06151 7-12 5A	W74-06239 7-12 6E W74-06230 7-12 6E	W74-06309 7-12 2K
W74-06072 7-12 2I W74-06073 7-12 5C	W74-06151 7-12 3A W74-06152 7-12 7C	W74-06231 7-12 5C	W74-06310 7-12 2K
W74-06074 7-12 5C	W74-06153 7-12 5A	W74-06232 7-12 4B	W74-06311 7-12 2F
W74-06075 7-12 5B	W74-06154 7-12 5C	W74-06233 7-12 3F	W74-06312 7-12 2L
W74-06076 7-12 5B	W74-06155 7-12 5B	W74-06234 7-12 5D	W74-06313 7-12 2J
W74-06077 7-12 3F	W74-06156 7-12 5D	W74-06235 7-12 2I	W74-06314 7-12 2J
W74-06078 7-12 5C	W74-06157 7-12 5D	W74-06236 7-12 3C	W74-06315 7-12 3C W74-06316 7-12 2L
W74-06079 7-12 5A	W74-06158 7-12 5C	W74-06237 7-12 2H W74-06238 7-12 2H	W74-06316 7-12 2L W74-06317 7-12 2L
W74-06080 7-12 5C	W74-06159 7-12 5D	W /7-00230 /-12 ER	

W74-06318	7-12	2L	W74-06397	7-12	5D		W74-06477	7-12	3F	W74-06556	7-13	5C
W74-06319	7-12	2J	W74-06398	7-12	6B		W74-06478	7-12	2B	W74-06557	7-13	5C
W74-06320	7-12	2J	W74-06399	7-12	5D		W74-06479	7-12	4A	W74-06558	7-13	5A
W74-06321	7-12	8B	W74-06400	7-12	5A		W74-06480	7-12	4A	W74-06559	7-13	6B
W74-06322	7-12	2Ј	W74-06401	7-12	5D		W74-06481	7-12	6B	W74-06560	7-13	5C
W74-06323	7-12	6E	W74-06402	7-12	5D		W74-06482	7-12	6B	W74-06561	7-13	5C
W74-06324	7-12	6E	W74-06403	7-12	5D		W74-06483	7-12	4A	W74-06562	7-13	5C
W74-06325	7-12	6E	W74-06404	7-12	3C		W74-06484	7-12	6B	W74-06563	7-13	5C
W74-06326	7-12	6E	W74-06405	7-12	2K		W74-06485	7-12	2G	W74-06564	7-13	5C
W74-06327	7-12	6E	W74-06406	7-12	5A		W74-06486	7-12	5D	W74-06565	7-13	5C
W74-06328	7-12	6E	W74-06407	7-12	5D		W74-06487	7-12	21	W74-06566	7-13	5C
W74-06329	7-12	6E	W74-06408	7-12	5D		W74-06488	7-12	4A	W74-06567	7-13	5C
W74-06330 W74-06331	7-12 7-12	5G 6E	W74-06409	7-12 7-12	5D 5D		W74-06489	7-12	2L 2H	W74-06568	7-13	5C 5C
	7-12	2L	W74-06410		5D		W74-06490			W74-06569	7-13	
W74-06332 W74-06333	7-12	3F	W74-06411 W74-06412	7-12 7-12	5D		W74-06491 W74-06492	7-12 7-12	5C 21	W74-06570	7-13 7-13	5C 5C
W74-06334	7-12	4B	W74-06413	7-12	5D		W74-06493	7-12	21	W74-06571 W74-06572	7-13	5C
W74-06335	7-12	2G	W74-06414	7-12	5C		W74-06494	7-12	7B	W74-06573	7-13	5C
W74-06336	7-12	5B	W74-06415	7-12	5D		W74-06495	7-12	5C	W74-06574	7-13	5C
W74-06337	7-12	2H	W74-06416	7-12	4A		W74-06496	7-12	3F	W74-06575	7-13	5C
W74-06338	7-12	4A	W74-06417	7-12	2L		W74-06497	7-12	21	W74-06576	7-13	5C
W74-06339	7-12	5B	W74-06418	7-12	4A		W74-06498	7-12	2H	W74-06577	7-13	5D
W74-06340	7-12	3F	W74-06419	7-12	5B		W74-06499	7-12	5A	W74-06578	7-13	5D
W74-06341	7-12	2G	W74-06420	7-12	2H		W74-06500	7-12	2H	W74-06579	7-13	5D
W74-06342	7-12	3C	W74-06421	7-12	6B		W74-06501	7-13	3D	W74-06580	7-13	3F
W74-06343	7-12	4B	W74-06422	7-12	4A		W74-06502	7-13	4A	W74-06581	7-13	2G
W74-06344	7-12	5B	W74-06423	7-12	21		W74-06503	7-13	6A	W74-06582	7-13	3F
W74-06345	7-12	5B	W74-06424	7-12	3E		W74-06504	7-13	4B	W74-06583	7-13	3F
W74-06346	7-12	5B	W74-06425	7-12	6A		W74-06505	7-13	5C	W74-06584	7-13	2F
W74-06347	7-12	3F	W74-06426	7-12	2L		W74-06506	7-13	5D	W74-06585	7-13	3F
W74-06348	7-12	4A	W74-06427	7-12	2L		W74-06507	7-13	5C	W74-06586	7-13	3F
W74-06349	7-12	5B	W74-06428	7-12	2L		W74-06508	7-13	5D	W74-06587	7-13	2G
W74-06350	7-12	7C	W74-06429	7-12	2L		W74-06509	7-13	5D	W74-06588	7-13	3F
W74-06351	7-12	2F	W74-06430	7-12	2L		W74-06510	7-13	5D	W74-06589	7-13	8B
W74-06352	7-12	5C	W74-06431	7-12	2L		W74-06511	7-13	5D	W74-06590	7-13	3F
W74-06353	7-12	3F	W74-06432	7-12	5B		W74-06512	7-13	5D	W74-06591	7-13	3F
W74-06354	7-12	2E	W74-06433	7-12	2L		W74-06513	7-13	5D	W74-06592	7-13	3F
W74-06355	7-12	5D	W74-06434	7-12	2L		W74-06514	7-13	5D	W74-06593	7-13	3F
W74-06356	7-12	3B	W74-06435	7-12	2H		W74-06515	7-13	9A	W74-06594	7-13	8B
W74-06357 W74-06358	7-12 7-12	2B 4B	W74-06436	7-12	4B 4C		W74-06516	7-13	5D	W74-06595	7-13	3F
W74-06359	7-12	8A	W74-06437 W74-06438	7-12	5C		W74-06517	7-13 7-13	2D 2D	W74-06596	7-13 7-13	3F
W74-06360	7-12	5D	W74-06439	7-12	4A		W74-06518 W74-06519	7-13	5D	W74-06597 W74-06598	7-13	2E 3F
W74-06361	7-12	7B	W74-06440	7-12	2J		W74-06520	7-13	5D	W74-06599	7-13	2G
W74-06362	7-12	7B	W74-06441	7-12	5G		W74-06521	7-13	5D	W74-06600	7-13	4A
W74-06363	7-12	5D	W74-06442	7-12	3B		W74-06522	7-13	5D	W74-06601	7-13	3F
W74-06364	7-12	5D	W74-06443	7-12	3B		W74-06523	7-13	5B	W74-06602	7-13	8A
W74-06365	7-12	5B	W74-06444	7-12	3B		W74-06524	7-13	5D	W74-06603	7-13	5G
W74-06366	7-12	5B	W74-06445	7-12	3B		W74-06525	7-13	5D	W74-06604	7-13	5B
W74-06367	7-12	5B	W74-06446	7-12	3B		W74-06526	7-13	5D	W74-06605	7-13	5D
W74-06368	7-12	5B	W74-06447	7-12	3B		W74-06527	7-13	5F	W74-06606	7-13	5C
W74-06369	7-12	4B	W74-06448	7-12	2E	:	W74-06528	7-13	5C	W74-06607	7-13	5B
W74-06370	7-12	2C	W74-06449	7-12	2F		W74-06529	7-13	5C	W74-06608	7-13	5D
W74-06371	7-12	2K	W74-06450	7-12	4B		W74-06530	7-13	5C	W74-06609	7-13	2F
W74-06372	7-12	2K	W74-06451	7-12	2C		W74-06531	7-13	7B	W74-06610	7-13	2H
W74-06373	7-12	2E	W74-06452	7-12	2J		W74-06532	7-13	7C	W74-06611	7-13	5C
W74-06374	7-12	4C	W74-06453	7-12	5B		W74-06533	7-13	5C	W74-06612	7-13	5B
W74-06375 W74-06376	7-12	5B 7C	W74-06454	7-12	4C		W74-06534	7-13	5C	W74-06613	7-13	5B
W74-06376 W74-06377	7-12 7-12	6B	W74-06455	7-12	2C		W74-06535	7-13	SC SC	W74-06614	7-13	6E
W74-06377	7-12	5D	W74-06456 W74-06457	7-12 7-12	2G 3B		W74-06536 W74-06537	7-13 7-13	5C 5C	W74-06615 W74-06616	7-13	9D
W74-06378	7-12		W74-06458	7-12	3B		W74-06538	7-13	5C	W74-06617	7-13 7-13	9A 9A
W74-06380	7-12	5D	W74-06459	7-12	2G		W74-06539	7-13	5C	W74-06618	7-13	2H
W74-06381	7-12	5D	W74-06460	7-12	2J		W74-06540	7-13	5C	W74-06619	7-13	7C
W74-06382	7-12	5D	W74-06461	7-12	21		W74-06541	7-13	5C	W74-06620	7-13	7C
W74-06383	7-12	5D	W74-06462	7-12	21		W74-06542	7-13	5C	W74-06621	7-13	7C
W74-06384	7-12	5D	W74-06463	7-12	3B		W74-06543	7-13	5C	W74-06622	7-13	4A
W74-06385	7-12	5D	W74-06464	7-12	21		W74-06544	7-13	5C	W74-06623	7-13	4A
W74-06386	7-12	5D	W74-06465	7-12	6B		W74-06545	7-13	5C	W74-06624	7-13	4A
W74-06387	7-12	5D	W74-06466	7-12	6B		W74-06546	7-13	5C	W74-06625	7-13	4A
W74-06388	7-12	5D	W74-06467	7-12	3A		W74-06547	7-13	5C	W74-06626	7-13	4A
W74-06389	7-12	2B	W74-06468	7-12	3A		W74-06548	7-13	3F	W74-06627	7-13	4A
W74-06390	7-12	2B	W74-06469	7-12	2B		W74-06549	7-13	5C	W74-06628	7-13	4A
W74-06391	7-12	2C	W74-06470	7-12	2B		W74-06550	7-13	21	W74-06629	7-13	2G
W74-06392	7-12	5D	W74-06471	7-12	6B		W74-06551	7-13	5C	W74-06630	7-13	4A
W74-06393	7-12	5A	W74-06472	7-12	4B		W74-06552	7-13	5C	W74-06631	7-13	4A
W74-06394	7-12	5C	W74-06473	7-12	2B		W74-06553	7-13	5C	W74-06632	7-13	4A
W74-06395	7-12	5D	W74-06475	7-12	2B		W74-06554	7-13	SC SC	W74-06633	7-13	4A
W74-06396	7-12	3A	W74-06476	7-12	3B		W74-06555	7-13	5C	W74-06634	7-13	4A

W/4-0003.	•										
W74-06635	7-13	4A	W74-06714	7-13	4B	W74-06793	7-13	5A			5A
W74-06636	7-13	4A	W74-06715	7-13	2G	W74-06794	7-13	5B			SC
W74-06637	7-13	4A	W74-06716	7-13 7-13	2C 2C	W74-06795 W74-06796	7-13 7-13	5B 5B			2K 5A
W74-06638 W74-06639	7-13 7-13	4A 4A	W74-06717 W74-06718	7-13	2C	W74-06797	7-13	5B			5A
W74-06640	7-13	4A	W74-06719	7-13	2C	W74-06798	7-13	5B			5A
W74-06641	7-13	4A	W74-06720	7-13	2C	W74-06799	7-13	5B			5A
W74-06642	7-13	4A	W74-06721	7-13	2C	W74-06800	7-13	5C			6D 2F
W74-06643	7-13	4A	W74-06722 W74-06723	7-13 7-13	2B 2B	W74-06801 W74-06802	7-13 7-13	5C 5C			2F
W74-06644 W74-06645	7-13 7-13	4A 4A	W74-06724	7-13	2B	W74-06803	7-13	5C			2H
W74-06646	7-13	7C	W74-06725	7-13	2B	W74-06804	7-13	5C			2J
W74-06647	7-13	7C	W74-06726	7-13	2B	W74-06805	7-13	5C			4D
W74-06648	7-13	7C	W74-06727	7-13	2B	W74-06806 W74-06807	7-13 7-13	5C 5C			5A 2G
W74-06649	7-13 7-13	7C 7C	W74-06728 W74-06729	7-13 7-13	2B 2B	W74-06808	7-13	5C	W74-06887		2F
W74-06650 W74-06651	7-13	7C	W74-06730	7-13	2B	W74-06809	7-13	5C	W74-06888		2F
W74-06652	7-13	7C	W74-06731	7-13	2B	W74-06810	7-13	5C	W74-06889		2F
W74-06653	7-13	7C	W74-06732	7-13	2B	W74-06811	7-13	5C	W74-06890 W74-06891	7-13 7-13	2F 2A
W74-06654	7-13	7C	W74-06733	7-13 7-13	2B 2G	W74-06812 W74-06813	7-13 7-13	5B 5B	W74-06892	7-13	2F
W74-06655	7-13 7-13	7C 7C	W74-06734 W74-06735	7-13	2G	W74-06814	7-13	5C	W74-06893	7-13	2A
W74-06656 W74-06657	7-13	7C	W74-06736	7-13	2G	W74-06815	7-13	5A	W74-06894	7-13	5B
W74-06658	7-13	7C	W74-06737	7-13	2E	W74-06816	7-13	5A	W74-06895	7-13	5B
W74-06659	7-13	7C	W74-06738	7-13	2L	W74-06817	7-13	5A	W74-06896	7-13 7-13	5B 5B
W74-06660	7-13	7C	W74-06739	7-13	8B	W74-06818	7-13 7-13	5B 5C	W74-06897 W74-06898	7-13	5B
W74-06661	7-13	7C	W74-06740 W74-06741	7-13 7-13	4B 5C	W74-06819 W74-06820	7-13	5B	W74-06899	7-13	2G
W74-06662 W74-06663	7-13 7-13	7C 2G	W74-06742	7-13	5C	W74-06821	7-13	5B	W74-06900	7-13	2D
W74-06664	7-13	2L	W74-06743	7-13	5C	W74-06822	7-13	5D	W74-06901	7-13	23
W74-06665	7-13	2L	W74-06744	7-13	5C	W74-06823	7-13	6B	W74-06902	7-13	2J
W74-06666	7-13	2L	W74-06745	7-13	5C	W74-06824	7-13 7-13	5A 5B	W74-06903 W74-06904	7-13 7-13	2J 2G
W74-06667	7-13	2L	W74-06746 W74-06747	7-13 7-13	7C 5A	W74-06825 W74-06826	7-13	5B	W74-06905	7-13	2G
W74-06668 W74-06669	7-13 7-13	2L 2C	W74-06748	7-13	5C	W74-06827	7-13	6D	W74-06906	7-13	2E
W74-06670	7-13	2L	W74-06749	7-13	5C	W74-06828	7-13	5D	W74-06907	7-13	2F
W74-06671	7-13	2L	W74-06750	7-13		W74-06829	7-13	5B	W74-06908	7-13	2D 2E
W74-06672	7-13	2L	W74-06751	7-13		W74-06830	7-13 7-13	5D 5C	W74-06909 W74-06910	7-13 7-13	2K
W74-06673	7-13	2L	W74-06752 W74-06753	7-13 7-13		W74-06831 W74-06832	7-13	5B	W74-06911	7-13	8B
W74-06674 W74-06675	7-13 7-13	2E 2L	W74-06754	7-13		W74-06833	7-13	5G	W74-06912	7-13	8B
W74-06676	7-13	2C	W74-06755	7-13		W74-06834		5C	W74-06913	7-13	8B
W74-06677	7-13	5A	W74-06756	7-13		W74-06835		5C	W74-06914	7-13	8B 8B
W74-06678	7-13	2L	W74-06757	7-13		W74-06836		5A 5B	W74-06915 W74-06916	7-13 7-13	8B
W74-06679	7-13		W74-06758 W74-06759	7-13 7-13		W74-06837 W74-06838		5D	W74-06917	7-13	5A
W74-06680 W74-06681	7-13 7-13		W74-06760	7-13		W74-06839		5D	W74-06918	7-13	6E
W74-06682	7-13		W74-06761	7-13		W74-06840		5D	W74-06919	7-13	5B
W74-06683	7-13		W74-06762	7-13		W74-06841	7-13	5A	W74-06920 W74-06921	7-13 7-13	4B 2C
W74-06684	7-13		W74-06763	7-13 7-13		W74-06842 W74-06843		SD 6E	W74-06921	7-13	2J
W74-06685	7-13 7-13		W74-06764 W74-06765	7-13		W74-06844			W74-06923	7-13	7B
W74-06686 W74-06687	7-13		W74-06766	7-13		W74-06845			W74-06924	7-13	5B
W74-06688			W74-06767	7-13		W74-06846			W74-06925	7-13	2H
W74-06689			W74-06768	7-13		W74-06847 W74-06848			W74-06926 W74-06927	7-13 7-13	2E 3F
W74-06690			W74-06769 W74-06770	7-13		W74-06849			W74-06928	7-13	2C
W74-06691 W74-06692	7-13 7-13		W74-06771	7-13		W74-06850			W74-06929	7-13	5B
W74-06693			W74-06772	7-13		W74-06851			W74-06930	7-13	5A
W74-06694		3 2B	W74-06773	7-13		W74-06852			W74-06931	7-13	2C
W74-06695			W74-06774			W74-06853			W74-06932 W74-06933	7-13 7-13	5A 5B
W74-06696			W74-06775 W74-06776	7-13		W74-06854 W74-06855			W74-06934	7-13	5B
W74-06691 W74-06691			W74-06777	7-1		W74-0685			W74-06935	7-13	5B
W74-06699			W74-06778			W74-0685			W74-06936	7-13	2G
W74-0670			W74-06779			W74-0685			W74-06937	7-13	2B
W74-0670			W74-06780			W74-0685			W74-06938 W74-06939	7-13 7-13	2B 2B
W74-0670			W74-06781	7-1		W74-0686 W74-0686			W74-06940	7-13	2B
W74-0670: W74-0670			W74-06782 W74-06783			W74-0686			W74-06941	7-13	2B
W74-0670			W74-06784			W74-0686	3 7-13	6D	W74-06942	7-13	5B
W74-0670			W74-06785	7-1	3 5A	W74-0686			W74-06943	7-13	4B
W74-0670	7 7-13	3 2L	W74-06786			W74-0686			W74-06944 W74-06945	7-13 7-13	5B 4B
W74-0670			W74-06787			W74-0686 W74-0686			W74-06945 W74-06946		5B
W74-0670 W74-0671			W74-06788 W74-06789			W74-0686			W74-06947	7-13	5A
W74-0671			W74-06790			W74-0686	9 7-1:	3 5A	W74-06948		5D
W74-0671			W74-0679	7-1	3 5A	W74-0687			W74-06949		
W74-0671	3 7-1	3 2C	W74-06792	7-1	3 5A	W74-0687	1 7-1	3 5A	W74-06950	7-13	5B

******		cn.	W74-07030	7-13	2G	W74-07110	7-14	21	W74-07189	7-14	8C
W74-06951	7-13	5B									
W74-06952	7-13	5G	W74-07031	7-13	SC .	W74-07111	7-14	4A	W74-07190	7-14	7C
W74-06953	7-13	5G	W74-07032	7-13	2H	W74-07112	7-14	5G	W74-07191	7-14	2F
W74-06954	7-13	5G	W74-07033	7-13	2H	W74-07113	7-14	6E	W74-07192	7-14	4A
W74-06955	7-13	5G	W74-07034	7-13	2G	W74-07114	7-14	6E	W74-07193	7-14	6B
W74-06956	7-13	5B	W74-07035	7-13	5C	W74-07115	7-14	6E	W74-07194	7-14	2H
W74-06957	7-13	7C	W74-07036	7-13	21	W74-07116	7-14	6E	W74-07195	7-14	4A
		7C	W74-07037	7-13	2B	W74-07117	7-14		W74-07196		
W74-06958	7-13							6E		7-14	5D
W74-06959	7-13	7C	W74-07038	7-13	2H	W74-07118	7-14	8A	W74-07197	7-14	5D
W74-06960	7-13	7C	W74-07039	7-13	2G	W74-07119	7-14	6E	W74-07198	7-14	5D
W74-06961	7-13	7C	W74-07040	7-13	21	W74-07120	7-14	5G	W74-07199	7-14	5D
W74-06962	7-13	7C	W74-07041	7-13	5G	W74-07121	7-14	5C	W74-07200	7-14	5D
W74-06963	7-13	5G	W74-07042	7-13	2G	W74-07122	7-14	5C	W74-07201	7-14	5G
W74-06964	7-13	6E	W74-07043	7-13	2B	W74-07123	7-14	5G	W74-07202	7-14	5D
W74-06965	7-13	6E	W74-07044	7-13	21	W74-07124	7-14	5D	W74-07203	7-14	5D
W74-06966	7-13	6E	W74-07045	7-13	2B	W74-07125	7-14	3C	W74-07204	7-14	8B
W74-06967	7-13	5G	W74-07046	7-13	5B	W74-07126	7-14	5C	W74-07205	7-14	5G
W74-06968	7-13	6E	W74-07047	7-13	4A	W74-07127	7-14	6B	W74-07206	7-14	5G
W74-06969	7-13	5G	W74-07048	7-13	5G	W74-07128	7-14	6B	W74-07207	7-14	3A
W74-06970	7-13	6G	W74-07049	7-13	2L	W74-07129	7-14	6B	W74-07208	7-14	5G
W74-06971	7-13	4D	W74-07050	7-13	5C	W74-07130	7-14	6B	W74-07209	7-14	5D
W74-06972	7-13	6E	W74-07051	7-14	6B	W74-07131	7-14	6B	W74-07210	7-14	8A
W74-06973	7-13	6E	W74-07052	7-14	2G	W74-07132	7-14	6B	W74-07211	7-14	2D
W74-06974	7-13	6E	W74-07053	7-14	6G	W74-07133	7-14	6B	W74-07212	7-14	3F
W74-06975	7-13	6E	W74-07054	7-14	2G	W74-07134	7-14	2F	W74-07213	7-14	5D
W74-06976	7-13										
		6E	W74-07055	7-14	5B	W74-07135	7-14	6B	W74-07214	7-14	5D
W74-06977	7-13	6E	W74-07056	7-14	6D	W74-07136	7-14	6B	W74-07215	7-14	5G
W74-06978	7-13	6E	W74-07057	7-14	5G	W74-07137	7-14	2F	W74-07216	7-14	5D
W74-06979	7-13	6E	W74-07058	7-14	6B	W74-07138	7-14	4A	W74-07217	7-14	5D
W74-06980	7-13	6E	W74-07059	7-14	6B	W74-07139	7-14	4D	W74-07218	7-14	5D
W74-06981		6E									
	7-13		W74-07060	7-14	5D	W74-07140	7-14	5G	W74-07219	7-14	5D
W74-06982	7-13	6E	W74-07061	7-14	6B	W74-07141	7-14	5D	W74-07220	7-14	5G
W74-06983	7-13	6E	W74-07062	7-14	5D	W74-07142	7-14	6B	W74-07221	7-14	5D
W74-06984	7-13	6E	W74-07063	7-14	5D	W74-07143	7-14	6B	W74-07222	7-14	5G
W74-06985	7-13	4A	W74-07064	7-14	5G	W74-07144	7-14	6B	W74-07223	7-14	5G
W74-06986											
	7-13	8A	W74-07065	7-14	5D	W74-07145	7-14	5C	W74-07224	7-14	8B
W74-06987	7-13	4A	W74-07066	7-14	4A	W74-07146	7-14	6B	W74-07225	7-14	2L
W74-06988	7-13	4D	W74-07067	7-14	4A	W74-07147	7-14	6E	W74-07226	7-14	2L
W74-06989	7-13	4A	W74-07068	7-14	6B	W74-07148	7-14	6A	W74-07227	7-14	2L
W74-06990	7-13	4A	W74-07069	7-14	4A	W74-07149	7-14	6B	W74-07228	7-14	5B
W74-06991	7-13	6E	W74-07070	7-14	6B	W74-07150	7-14	6B	W74-07229	7-14	2L
W74-06992	7-13	6E	W74-07071	7-14	5D	W74-07151	7-14	2G	W74-07230	7-14	2G
W74-06993	7-13	4A	W74-07072	7-14	6B	W74-07152	7-14	2G	W74-07231	7-14	2L
W74-06994	7-13	6E	W74-07073	7-14	4A	W74-07153	7-14	2F	W74-07232	7-14	2L
W74-06995	7-13	2L	W74-07074	7-14	4A	W74-07154	7-14	2F	W74-07233	7-14	2L
W74-06996	7-13	6B	W74-07075	7-14	4A	W74-07155	7-14	2A	W74-07234	7-14	2L
W74-06997	7-13	6D	W74-07076	7-14	4A	W74-07156	7-14	2F	W74-07235	7-14	2G
W74-06998	7-13	5A	W74-07077	7-14	5D	W74-07157	7-14	2F	W74-07236	7-14	2L
W74-06999	7-13	5A	W74-07078	7-14	6B	W74-07158	7-14	23	W74-07237	7-14	2L
W74-07000	7-13	5D	W74-07079	7-14	6D	W74-07159	7-14	7B	W74-07238	7-14	2L
W74-07001	7-13	5C	W74-07080	7-14	6D	W74-07160	7-14	2L	W74-07239	7-14	2L
W74-07002	7-13	81	W74-07081	7-14	6D	W74-07161	7-14	4B	W74-07240	7-14	2L
W74-07003	7-13	2H	W74-07082	7-14	5D	W74-07162	7-14	5B	W74-07241	7-14	2L
W74-07004	7-13	2G	W74-07083	7-14	4A	W74-07163	7-14	2J	W74-07242	7-14	2L
W74-07005	7-13	5C	W74-07085	7-14	6G	W74-07164	7-14	5B	W74-07243	7-14	2L
W74-07006	7-13	5C	W74-07086	7-14	5D	W74-07165	7-14	2A	W74-07244	7-14	2L
W74-07007	7-13	2H	W74-07087	7-14	2D	W74-07166	7-14	2G	W74-07245	7-14	2L
W74-07008											
	7-13	21	W74-07088	7-14	2G	W74-07167	7-14	2K	W74-07246	7-14	2L
W74-07009	7-13	5B	W74-07089	7-14	2G	W74-07168	7-14	2G	W74-07247	7-14	2L
W74-07010	7-13	5C	W74-07090	7-14	3F	W74-07169	7-14	2D	W74-07248	7-14	2L
W74-07011	7-13	3F	W74-07091	7-14	3F	W74-07170	7-14	2G	W74-07249	7-14	5C
W74-07012	7-13	5C	W74-07092	7-14	4B	W74-07171	7-14	5B	W74-07250	7-14	2L
W74-07013	7-13	2H	W74-07093	7-14		W74-07172	7-14		W74-07251	7-14	5D
					5B			4B			
W74-07014	7-13	21	W74-07094	7-14	2C	W74-07173	7-14	2L	W74-07252	7-14	9D
W74-07015	7-13	2D	W74-07095	7-14	3C	W74-07174	7-14	2J	W74-07253	7-14	5D
W74-07016	7-13	2H	W74-07096	7-14	2D	W74-07175	7-14	2J	W74-07254	7-14	5D
W74-07017	7-13	5G	W74-07097	7-14	21	W74-07176	7-14	4B	W74-07255	7-14	5D
W74-07018	7-13	5D	W74-07098	7-14	21	W74-07177	7-14	23	W74-07256	7-14	5D
W74-07019	7-13	5B	W74-07099								
				7-14	2G	W74-07178	7-14	4A	W74-07257	7-14	5D
W74-07020	7-13	5B	W74-07100	7-14	2G	W74-07179	7-14	2E	W74-07258	7-14	5D
W74-07021	7-13	5B	W74-07101	7-14	5C	W74-07180	7-14	21	W74-07259	7-14	5D
W74-07022	7-13	5A	W74-07102	7-14	3F	W74-07181	7-14	7B	W74-07260	7-14	5D
W74-07023	7-13	5A	W74-07103	7-14	3B	W74-07182	7-14	2F	W74-07261	7-14	5D
W74-07024	7-13	5B	W74-07104	7-14	2J		7-14	2A			
						W74-07183			W74-07262	7-14	5D
W74-07025	7-13	5C	W74-07105	7-14	3F	W74-07184	7-14	2F	W74-07263	7-14	5D
W74-07026	7-13	5A	W74-07106	7-14	4B	W74-07185	7-14	2E	W74-07264	7-14	5D
W74-07027	7-13	3F	W74-07107	7-14	3F	W74-07186	7-14	4B	W74-07265	7-14	5D
W74-07028	7-13	2G	W74-07108	7-14	6B	W74-07187	7-14	8I	W74-07266	7-14	5D
W74-07029	7-13	2G	W74-07109	7-14	21	W74-07188	7-14		W74-07267	7-14	5D
		-		,					11 14 01201	1-14	30

W/4-U/200											
20174 07249	7 14	en.	W74-07347	7-14	4A	W74-07426	7-14	5B	W74-07505	7-14	2K
	7-14	5D 5D	W74-07348	7-14	2G	W74-07427	7-14	5B	W74-07506	7-14	2A
	7-14	5D	W74-07349	7-14	2H	W74-07428	7-14	7C	W74-07507	7-14	23
W74-07271	7-14	5D	W74-07350	7-14	2L	W74-07429	7-14	4B	W74-07508	7-14	3F
	7-14	5D	W74-07351	7-14	3F	W74-07430	7-14	5C	W74-07509	7-14	2G
	7-14	5D	W74-07352	7-14	3F	W74-07431	7-14	2A	W74-07510	7-14	5B
	7-14	5G	W74-07353	7-14	5C	W74-07432	7-14	2A	W74-07511	7-14	5B
	7-14	6E	W74-07354	7-14	3F	W74-07433	7-14	8B	W74-07512	7-14	2G
	7-14	6E	W74-07355	7-14	3F	W74-07434	7-14	81	W74-07513	7-14	2K
W74-07277	7-14	6E	W74-07356	7-14	3F	W74-07435	7-14	3F	W74-07514	7-14	2F
	7-14	6E	W74-07357	7-14	3F	W74-07436	7-14	5G	W74-07515	7-14	2F
W74-07279	7-14	2G	W74-07358	7-14	3F	W74-07437	7-14	7B	W74-07516	7-14	2F
W74-07280	7-14	6E	W74-07359	7-14	3F	W74-07438	7-14	4A	W74-07517	7-14	2G
W74-07281	7-14	6E	W74-07360	7-14	2K	W74-07439	7-14	2G	W74-07518	7-14	2G
W74-07282	7-14	5G	W74-07361	7-14	5C	W74-07440	7-14	3F	W74-07519	7-14	2A
	7-14	6E	W74-07362	7-14	5D	W74-07441	7-14	5D	W74-07520	7-14	2A
W74-07284	7-14	6E	W74-07363	7-14	5B	W74-07442	7-14	4A	W74-07521	7-14	2F
W74-07285	7-14	5D	W74-07364	7-14	5F	W74-07443	7-14	2G	W74-07522	7-14	7C
W74-07286	7-14	6E	W74-07365	7-14	5F	W74-07444	7-14	2K	W74-07523	7-14	2F
W74-07287	7-14	6E	W74-07366	7-14	5B	W74-07445	7-14	5G	W74-07524	7-14	2F
W74-07288	7-14	6E	W74-07367	7-14	5C	W74-07446	7-14	5B	W74-07525	7-14	4C
W74-07289	7-14	6E	W74-07368	7-14	3E	W74-07447	7-14	3F	W74-07526	7-14	2C 8B
W74-07290	7-14	6E	W74-07369	7-14	4A	W74-07448	7-14	8I	W74-07527	7-14	5B
W74-07291	7-14	6E	W74-07370	7-14	5D	W74-07449	7-14	5B	W74-07528 W74-07529	7-14	2D
W74-07292	7-14	3F	W74-07371	7-14	6G	W74-07450	7-14 7-14	3F 3F	W74-07530	7-14	5A
W74-07293	7-14	6E	W74-07372	7-14	5D 5D	W74-07451 W74-07452	7-14	3F	W74-07531	7-14	5C
W74-07294	7-14	4A 4A	W74-07373 W74-07374	7-14	5D	W74-07453	7-14	3F	W74-07532	7-14	5B
W74-07295 W74-07296	7-14	6A	W74-07374	7-14	5D	W74-07454	7-14	5D	W74-07533	7-14	5G
W74-07297	7-14	5B	W74-07376	7-14	5D	W74-07455	7-14	2E	W74-07534	7-14	6B
W74-07298	7-14	5B	W74-07377	7-14	5D	W74-07456	7-14	9A	W74-07535	7-14	21
W74-07299	7-14	6A	W74-07378	7-14	5D	W74-07457	7-14	9A	W74-07536	7-14	2E
W74-07300	7-14	6A	W74-07379	7-14	5D	W74-07458	7-14	2H	W74-07537	7-14	21
W74-07301	7-14	3F	W74-07380	7-14	5D	W74-07459	7-14	3F	 W74-07538	7-14	2H
W74-07302	7-14	6D	W74-07381	7-14	5D	W74-07460	7-14	5D	W74-07539	7-14	21
W74-07303	7-14	8A	W74-07382	7-14	5D	W74-07461	7-14	5D	W74-07540	7-14	5C
W74-07304	7-14	8A	W74-07383	7-14	5D	W74-07462	7-14	5D	W74-07541	7-14	5C
W74-07305	7-14	8A	W74-07384	7-14	5D	W74-07463	7-14	2A	W74-07542	7-14	5C
W74-07306	7-14	6A	W74-07385	7-14	5A	W74-07464	7-14	2A	W74-07543	7-14	2H
W74-07307	7-14	6B	W74-07386	7-14	5D	W74-07465	7-14	5B	W74-07544	7-14	5B
W74-07308	7-14	3A	W74-07387	7-14	5D	W74-07466	7-14	5C	W74-07545	7-14	5C
W74-07309	7-14	4A	W74-07388	7-14	5B	W74-07467	7-14	5C	W74-07546	7-14	5C
W74-07310	7-14	5B	W74-07389	7-14	5D	W74-07468	7-14	4C	W74-07547	7-14	5A
W74-07311	7-14	5B	W74-07390	7-14	5D	W74-07469	7-14	5C	W74-07548	7-14	5C
W74-07312	7-14	5D	W74-07391	7-14	5D	W74-07470	7-14	4A	W74-07549	7-14	5C
W74-07313	7-14	2F	W74-07392	7-14	5D	W74-07471	7-14	5C	W74-07550	7-14	5C
W74-07314	7-14	8H	W74-07393	7-14	5D	W74-07472	7-14	5D	W74-07551	7-14	5A
W74-07315	7-14	2K	W74-07394	7-14	5D	W74-07473	7-14	5C	W74-07552	7-14	5B
W74-07316	7-14	2H	W74-07395	7-14	5D	W74-07474	7-14	81	W74-07553	7-14	7B
W74-07317	7-14	5A	W74-07396	7-14	5B	W74-07475	7-14	5G	W74-07554	7-14	5C
W74-07318	7-14	4B	W74-07397	7-14	5D	W74-07476	7-14	21	W74-07555	7-14	2K
W74-07319	7-14	2C	W74-07398	7-14	5D	W74-07477	7-14	5C	W74-07556	7-14	5C
W74-07320	7-14	4B	W74-07399	7-14	5B	W74-07478	7-14	5C	W74-07557	7-14	2K
W74-07321	7-14	2E	W74-07400	7-14	2K	W74-07479		2L	W74-07558	7-14	5A
W74-07322	7-14	2K	W74-07401	7-14	4B	W74-07480		2L	W74-07559	7-14	5A
W74-07323	7-14	2E	W74-07402	7-14	3D	W74-07481	7-14	81	W74-07560	7-14	5A
W74-07324	7-14	2J	W74-07403	7-14	5B	W74-07482		2I	W74-07561	7-14	5C
W74-07325	7-14	2L	W74-07404	7-14	5D	W74-07483	7-14	5B	W74-07562	7-14	5C
W74-07326	7-14	2J	W74-07405	7-14	5A	W74-07484		5C	W74-07563	7-14	5A
W74-07327	7-14	5D	W74-07406	7-14	5D	W74-07485		5D	W74-07564	7-14	5B
W74-07328	7-14	7C	W74-07407	7-14	5D	W74-07486			W74-07565	7-14	5A
W74-07329	7-14	2L	W74-07408	7-14		W74-07487			W74-07566 W74-07567	7-14	5C 5A
W74-07330	7-14	2J	W74-07409	7-14		W74-07488 W74-07489		5C 5C	W74-07568	7-14	2L
W74-07331	7-14	2J	W74-07410	7-14		W74-07490			W74-07569	7-14	5A
W74-07332	7-14	9D 5D	W74-07411 W74-07412	7-14		W74-07491			W74-07570	7-14	21
W74-07333 W74-07334	7-14	5D	W74-07412	7-14		W74-07491			W74-07571	7-14	5A
W74-07335	7-14	4A	W74-07413	7-14		W74-07493			W74-07572	7-14	5C
W74-07336	7-14	5C	W74-07415	7-14		W74-07494			W74-07573	7-14	5A
W74-07337	7-14	5C	W74-07416	7-14		W74-07495			W74-07574	7-14	5A
W74-07338	7-14	2H	W74-07417	7-14		W74-07496			W74-07575	7-14	5A
W74-07339	7-14	6G	W74-07418	7-14		W74-07497			W74-07576	7-14	5A
W74-07340	7-14	4A	W74-07419	7-14		W74-07498			W74-07577	7-14	5B
W74-07341	7-14	5G	W74-07420	7-14		W74-07499			W74-07578	7-14	7B
W74-07342	7-14	5A	W74-07421	7-14		W74-07500			W74-07579	7-14	5A
W74-07343	7-14	5D	W74-07422	7-14		W74-07501			W74-07580	7-14	5A
W74-07344	7-14	2G	W74-07423	7-14		W74-07502			W74-07581	7-14	
W74-07345	7-14	2G	W74-07424	7-14		W74-07503			W74-07582	7-14	5A
	7-14	2G	W74-07425			W74-07504	7-14	2F	W74-07583	7-14	5A

W74-07584	7-14	5C	W74-07663	7-15	5B	W74-07742	7-15	5D		W74-07821	7-15	5C
W74-07585	7-14	5A	W74-07664	7-15	2E	W74-07743	7-15	3C		W74-07822	7-15	5C
	7-14	5A	W74-07665	7-15	2F	W74-07744	7-15	21		W74-07823	7-15	5C
W74-07586												
W74-07587	7-14	5C	W74-07666	7-15	21	W74-07745	7-15	5D		W74-07824	7-15	5C
W74-07588	7-14	81	W74-07667	7-15	2E	W74-07746	7-15	5C		W74-07825	7-15	5C
W74-07589	7-14	2H	W74-07668	7-15	4B	W74-07747	7-15	4A		W74-07826	7-15	2H
W74-07590	7-14	81	W74-07669	7-15	2E	W74-07748	7-15	5D		W74-07827	7-15	5A
W74-07591	7-14	8I	W74-07670	7-15	5B	W74-07749	7-15	8B		W74-07828	7-15	5B
W74-07592	7-14	81	W74-07671	7-15	4A	W74-07750	7-15	5D		W74-07829	7-15	3B
W74-07593	7-14	2I	W74-07672	7-15	2L	W74-07751	7-15	8A		W74-07830	7-15	21
				7-15	2L	W74-07752	7-15	5D		W74-07831	7-15	5B
W74-07594	7-14	4A	W74-07673									
W74-07595	7-14	5C	W74-07674	7-15	5B	W74-07753	7-15	5D		W74-07832	7-15	2E
W74-07596	7-14	3F	W74-07675	7-15	2L	W74-07754	7-15	5G		W74-07833	7-15	5B
W74-07597	7-14	5C	W74-07676	7-15	2J	W74-07755	7-15	6B		W74-07834	7-15	5G
				7-15	2E	W74-07756	7-15	2A		W74-07835	7-15	5C
W74-07598	7-14	2K	W74-07677									
W74-07599	7-14	8I	W74-07678	7-15	5A	W74-07757	7-15	5B		W74-07836	7-15	5A
W74-07600	7-14	4A	W74-07679	7-15	2G	W74-07758	7-15	5D		W74-07837	7-15	5B
W74-07601	7-15	2A	W74-07680	7-15	5C	W74-07759	7-15	5D		W74-07838	7-15	6G
W74-07602	7-15	9A		7-15	5A	W74-07760	7-15	5D		W74-07839	7-15	2G
			W74-07681									
W74-07603	7-15	5D	W74-07682	7-15	5B	W74-07761	7-15	5D		W74-07840	7-15	5A
W74-07604	7-15	5B	W74-07683	7-15	5B	W74-07762	7-15	5D		W74-07841	7-15	5C
W74-07605	7-15	5C	W74-07684	7-15	5C	W74-07763	7-15	5A		W74-07842	7-15	9D
W74-07606	7-15	5D	W74-07685	7-15	5C	W74-07764	7-15	5A		W74-07843	7-15	5B
W74-07607	7-15	2B	W74-07686	7-15	5C	W74-07765	7-15	5F		W74-07844	7-15	5D
W74-07608	7-15	6B	W74-07687	7-15	5C	W74-07766	7-15	8B		W74-07845	7-15	5D
W74-07609	7-15	6B	W74-07688	7-15	5C	W74-07767	7-15	8B		W74-07846	7-15	6E
											7-15	6B
W74-07610	7-15	6B	W74-07689	7-15	5C	W74-07768	7-15	4A		W74-07847		
W74-07611	7-15	6E	W74-07690	7-15	5C	W74-07769	7-15	5G		W74-07848	7-15	8G
W74-07612	7-15	5D	W74-07691	7-15	5C	W74-07770	7-15	5C		W74-07849	7-15	8G
W74-07613	7-15	5C	W74-07692	7-15	5A	W74-07771	7-15	5D		W74-07850	7-15	8G
W74-07614	7-15	5G	W74-07693	7-15	5A	W74-07772	7-15	5F		W74-07851	7-15	8A
W74-07615	7-15	5B	W74-07694	7-15	5C	W74-07773	7-15	5C		W74-07852	7-15	7B
W74-07616	7-15	2L	W74-07695	7-15	5A	W74-07774	7-15	3C		W74-07853	7-15	8G
W74-07617	7-15	5B	W74-07696	7-15	5C	W74-07775	7-15	5C		W74-07854	7-15	5G
W74-07618	7-15	2C	W74-07697	7-15	5B	W74-07776	7-15	5C		W74-07855	7-15	8G
W74-07619	7-15	5B	W74-07698	7-15	5A	W74-07777	7-15	5C		W74-07: .56	7-15	8G
W74-07620	7-15	5B	W74-07699	7-15	5C	W74-07778	7-15	5C		W74-07857	7-15	8G
W74-07621			W74-07700		5C	W74-07779	7-15	5D		W74-07858	7-15	8G
	7-15	5B		7-15								
W74-07622	7-15	2G	W74-07701	7-15	5C	W74-07780	7-15	2G		W74-07859	7-15	8B
W74-07623	7-15	5B	W74-07702	7-15	2I	W74-07781	7-15	5C		W74-07860	7-15	8B
W74-07624	7-15	5B	W74-07703	7-15	5G	W74-07782	7-15	5A	4	W74-07861	7-15	4B
										W74-07862	7-15	5D
W74-07625	7-15	5B	W74-07704	7-15	5A	W74-07783	7-15	5A				
W74-07626	7-15	2G	W74-07705	7-15	5A	W74-07784	7-15	5B		W74-07863	7-15	8G
W74-07627	7-15	5B	W74-07706	7-15	5C	W74-07785	7-15	2A		W74-07864	7-15	8C
	7-15	5B	W74-07707	7-15	5C	W74-07786	7-15			W74-07865	7-15	8G
W74-07628												
W74-07629	7-15	2G	W74-07708	7-15	5C	W74-07787	7-15			W74-07866	7-15	8G
W74-07630	7-15	2G	W74-07709	7-15	5A	W74-07788	7-15	5D		W74-07867	7-15	8C
W74-07631	7-15	2G	W74-07710	7-15	5A	W74-07789	7-15	5D		W74-07868	7-15	8G
				7-15	5A	W74-07790	7-15			W74-07869	7-15	8G
W74-07632	7-15	2J	W74-07711									
W74-07633	7-15	2J	W74-07712	7-15	5A	W74-07791	7-15			W74-07870	7-15	8G
W74-07634	7-15	2G	W74-07713	7-15	5B	W74-07792	7-15	5B		W74-07871	7-15	8D
W74-07635	7-15	2G	W74-07714	7-15	6A	W74-07793	7-15	5A		W74-07872	7-15	8C
						W74-07794	7-15			W74-07873	7-15	8C
W74-07636	7-15	2G	W74-07715	7-15	5C							
W74-07637	7-15	5F	W74-07716	7-15	5C	W74-07795	7-15	5G		W74-07874	7-15	8C
W74-07638	7-15	8B	W74-07717	7-15	5C	W74-07796	7-15	5G		W74-07875	7-15	. 2L
W74-07639	7-15	4B	W74-07718	7-15	5A	W74-07797	7-15	4B		W74-07876	7-15	8G
W74-07640				7-15	6B	W74-07798	7-15			W74-07877	7-15	8G
	7-15	5B	W74-07719									
W74-07641	7-15	5A	W74-07720	7-15	6B	W74-07799	7-15			W74-07878	7-15	8F
W74-07642	7-15	5B	W74-07721	7-15	2A	W74-07800	7-15	5C		W74-07879	7-15	8B
W74-07643	7-15	2H	W74-07722	7-15	6A	W74-07801	7-15	5C		W74-07880	7-15	8C
W74-07644	7-15	4A	W74-07723	7-15	6B	W74-07802				W74-07881	7-15	5D
W74-07645	7-15	2F	W74-07724	7-15	6B	W74-07803				W74-07882	7-15	5D
W74-07646	7-15	2E	W74-07725	7-15	8I	W74-07804	7-15	5A		W74-07883	7-15	8B
W74-07647	7-15	7C	W74-07726	7-15	4B	W74-07805	7-15	5B		W74-07884	7-15	8F
W74-07648			W74-07727	7-15	5D	W74-07806				W74-07885	7-15	5A
	7-15	2F										
W74-07649	7-15	4A	W74-07728	7-15	5B	W74-07807				W74-07886	7-15	8G
W74-07650	7-15	7C	W74-07729	7-15	4C	W74-07808	7-15	5C		W74-07887	7-15	8F
W74-07651	7-15	5G	W74-07730	7-15	5B	W74-07809		5C		W74-07888	7-15	8G
				7-15	2J	W74-07810				W74-07889	7-15	8G
W74-07652	7-15	2J	W74-07731									
W74-07653	7-15	5B	W74-07732	7-15	8B	W74-07811				W74-07890	7-15	8G
W74-07654	7-15	5B	W74-07733	7-15	6E	W74-07812	7-15	5B		W74-07891	7-15	8B
W74-07655	7-15	5B	W74-07734	7-15	4B	W74-07813		5B		W74-07892	7-15	8G
						W74-07814				W74-07893	7-15	8G
W74-07656	7-15	5B	W74-07735	7-15	8G							
W74-07657	7-15	5B	W74-07736	7-15	5B	W74-07815				W74-07894	7-15	8G
W74-07658	7-15	5B	W74-07737	7-15	5C	W74-07816	7-15	5C		W74-07895	7-15	8C
W74-07659	7-15	5B	W74-07738	7-15	5D	W74-07817				W74-07896	7-15	8A
				7-15	5D	W74-07818				W74-07897	7-15	8A
W74-07660	7-15	5B	W74-07739									
W74-07661	7-15		W74-07740	7-15	5C	W74-07819				W74-07898	7-15	
W74-07662	7-15	7A	W74-07741	7-15	5D	W74-07820	7-15	5C		W74-07899	7-15	8D

W74-07900	,										
W74-07900	7-15	8G	W74-07979	7-15	5F	W74-08058		8C			ID C
W74-07901	7-15	8C	W74-07980	7-15	8G	W74-08059 W74-08060		4B 2E			SG 2G
W74-07902	7-15	8G 7B	W74-07981 W74-07982	7-15 7-15	5C 8I	W74-08061	7-15	3A			4C
W74-07903 W74-07904	7-15 7-15	8G	W74-07983	7-15	81	W74-08062		3A			5C
W74-07905	7-15	8D	W74-07984	7-15	5A	W74-08063		3A			5C
W74-07906	7-15	8E	W74-07985	7-15	5A	W74-08064		3A 3A			5A 3F
W74-07907	7-15	3B	W74-07986 W74-07987	7-15 7-15	5C 5C	W74-08065 W74-08066		3A			21
W74-07908 W74-07909	7-15 7-15	2F 8C	W74-07988	7-15	5G	W74-08067		3A		7-15	5C
W74-07910	7-15	2C	W74-07989	7-15	7B	W74-08068	7-15	3A			5C
W74-07911	7-15	2J	W74-07990	7-15	6G	W74-08069		3A			3F 3F
W74-07912	7-15	5A	W74-07991	7-15	2H	W74-08070 W74-0807		3A 5B			2K
W74-07913	7-15 7-15	8B 8B	W74-07992 W74-07993	7-15 7-15	2H 2H	W74-0807		5B	W74-08151		6F
W74-07914 W74-07915	7-15	5B	W74-07994	7-15	81	W74-0807		3C	W74-08152		5B
W74-07916	7-15	2F	W74-07995	7-15	81	W74-0807		2G	W74-08153		4A 5C
W74-07917	7-15	6D	W74-07996	7-15	2H	W74-0807		3F 5B	W74-08154 W74-08155		5D
W74-07918	7-15	7C	W74-07997 W74-07998	7-15 7-15	2I 5C	W74-0807 W74-0807		3F	W74-08156		5G
W74-07919 W74-07920	7-15 7-15	2F 2J	W74-07999	7-15	5C	W74-0807		3F	W74-08157		2L
W74-07921	7-15	7C	W74-08000	7-15	5C	W74-0807		3F	W74-08158		6E
W74-07922	7-15	4A	W74-08001	7-15	81	W74-0808		3C	W74-08159		6E 2G
W74-07923	7-15	8A	W74-08002	7-15	21	W74-0808		5D 5B	W74-08160 W74-08161		2L
W74-07924	7-15	2L	W74-08003 W74-08004	7-15 7-15	SC SA	W74-0808 W74-0808			W74-08162		2F
W74-07925 W74-07926	7-15 7-15	8B 5B	W74-08004	7-15	5C	W74-0808			W74-08163	7-16	2L
W74-07927	7-15	5G	W74-08006	7-15	5B	W74-0808		2G	W74-08164		2L
W74-07928	7-15	3B	W74-08007	7-15	5C	W74-0808			W74-08165		2L
W74-07929	7-15	3B	W74-08008	7-15	5C	W74-0808			W74-08166 W74-08167	7-16 7-16	2L 6E
W74-07930	7-15	8A	W74-08009 W74-08010	7-15 7-15	5A 5D	W74-0808 W74-0808			W74-08168	7-16	6E
W74-07931 W74-07932	7-15 7-15	4A 5B	W74-08010	7-15		W74-0809			W74-08169	7-16	6E
W74-07933	7-15	5B	W74-08012	7-15		W74-0809		5D	W74-08170	7-16	5G
W74-07934	7-15	5B	W74-08013	7-15		W74-0809			W74-08171	7-16	6E
W74-07935	7-15		W74-08014	7-15		W74-0809			W74-08172 W74-08173	7-16 7-16	6E 7C
W74-07936	7-15		W74-08015 W74-08016	7-15 7-15		W74-0809 W74-0809			W74-08174	7-16	7C
W74-07937 W74-07938	7-15 7-15		W74-08017	7-15		W74-0809			W74-08175	7-16	7A
W74-07939	7-15		W74-08018	7-15		W74-0809			W74-08176	7-16	81
W74-07940	7-15		W74-08019	7-15		W74-0809			W74-08177	7-16	3B
W74-07941	7-15		W74-08020	7-15		W74-0809 W74-0810			W74-08178 W74-08179	7-16 7-16	4D 2C
W74-07942	7-15 7-15		W74-08021 W74-08022	7-15 7-15		W74-0810			W74-08180	7-16	4A
W74-07943 W74-07944	7-15		W74-08023	7-15		W74-081			W74-08181	7-16	5B
W74-07945	7-15		W74-08024	7-15		W74-081			W74-08182	7-16	21
W74-07946			W74-08025	7-15		W74-0810			W74-08183 W74-08184	7-16 7-16	5B 5B
W74-07947	7-15		W74-08026	7-15		W74-0810 W74-0810			W74-08185	7-16	5
W74-07948 W74-07949	7-15		W74-08027 W74-08028	7-15		W74-081			W74-08186	7-16	5G
W74-07950			W74-08029			W74-081		5 5C	W74-08187	7-16	4A
W74-07951	7-15		W74-08030		5 5D	W74-081			W74-08188	7-16	4A
W74-07952			W74-08031	7-15		W74-081			W74-08189 W74-08190	7-16 7-16	4A 4A
W74-07953			W74-08032			W74-081 W74-081			W74-08191	7-16	2G
W74-07954 W74-07955			W74-08033 W74-08034			W74-081			W74-08192	7-16	8B
W74-07956			W74-08035			W74-081			W74-08193	7-16	8A
W74-07957		5 5G	W74-08036			W74-081			W74-08194	7-16	2G
W74-07958			W74-08037			W74-081 W74-081			W74-08195 W74-08196	7-16 7-16	7B 8B
W74-07959			W74-08038 W74-08039			W74-081			W74-08197	7-16	8A
W74-07960 W74-07961			W74-08040			W74-081			W74-08198	7-16	5D
W74-07962			W74-08041			W74-081			W74-08199	7-16	5D
W74-07963	7-1:	5 6D	W74-08042			W74-081			W74-08200 W74-08201	7-16	5C
W74-07964			W74-08043			W74-081 W74-081			W74-08201	7-16 7-16	5D 5D
W74-07965			W74-08044 W74-08045			W74-081			W74-08202	7-16	5G
W74-07966 W74-07967			W74-0804			W74-081			W74-08204	7-16	5G
W74-07968			W74-0804	7-1	5 7A	W74-081	26 7-1	5 21	W74-08205	7-16	5F
W74-07969	9 7-1	5 6D	W74-08048			W74-081			W74-08206 W74-08207	7-16	4A SD
W74-07970			W74-08049			W74-081 W74-081			W74-08207		5D 5A
W74-07971			W74-08050 W74-0805			W74-081			W74-08209		2G
W74-07977 W74-0797			W74-0805			W74-081			W74-08210	7-16	5F
W74-0797			W74-0805			W74-081	32 7-1	5 5C	W74-08211	7-16	
W74-0797	5 7-1	5 6D	W74-0805			W74-081			W74-08212		
W74-0797			W74-0805			W74-081 W74-081			W74-08213 W74-08214		
W74-0797			W74-08056 W74-0805			W74-08			W74-08215		
11 /4-0/9/	J /-1		11 /4-0003								

*****	716	8A	W74-08295	7-16	2B	W74-08374	7-16	2E	W74-08453	7-16	2F
W74-08216	7-16		W74-08296	7-16	4B	W74-08375	7-16	2A			5G
W74-08217	7-16	5D					7-16				4B
W74-08218	7-16	5D	W74-08297	7-16	2J	W74-08376 W74-08377		2E			
W74-08219	7-16	5A	W74-08298	7-16	25		7-16	5B			4A
W74-08220	7-16	5A	W74-08299	7-16	4A	W74-08378	7-16	2G			7C
W74-08221	7-16	5A	W74-08300	7-16	3C	W74-08379	7-16	7B			5D
W74-08222	7-16	2E	W74-08301	7-16	2J	W74-08380	7-16	2F			2B
W74-08223	7-16	5D	W74-08302	7-16	23	W74-08381	7-16	4B		7-16	5G
W74-08224	7-16	5D	W74-08303	7-16	2F	W74-08382	7-16	2F		7-16	5D
W74-08225	7-16	5D	W74-08304	7-16	2J	W74-08383	7-16	8B		7-16	6B
W74-08226	7-16	5D	W74-08305	7-16	2D	W74-08384	7-16	8B	W74-08463	7-16	3B
W74-08227	7-16	5D	W74-08306	7-16	5B	W74-08385	7-16	23	W74-08464	7-16	3F
W74-08228	7-16	5D	W74-08307	7-16	5B	W74-08386	7-16	2J	W74-08465	7-16	5D
W74-08229	7-16	5D	W74-08308	7-16	5B	W74-08387	7-16	8B	W74-08466	7-16	6B
W74-08230	7-16	2G	W74-08309	7-16	5G	W74-08388	7-16	8B	W74-08467	7-16	5D
W74-08231	7-16	5D	W74-08310	7-16	7C	W74-08389	7-16	5B	W74-08468	7-16	5D
W74-08232	7-16	9D	W74-08311	7-16	10A	W74-08390	7-16	5B	W74-08469	7-16	5G
W74-08233	7-16	2C	W74-08312	7-16	3F	W74-08391	7-16	8B	W74-08470	7-16	5G
W74-08234	7-16	2F	W74-08313	7-16	2G	W74-08392	7-16	6B	W74-08471	7-16	5G
W74-08235	7-16	10C	W74-08314	7-16	5G	W74-08393	7-16	5D	W74-08472	7-16	5G
W74-08236	7-16	5B	W74-08315	7-16	5B	W74-08394	7-16	5D	W74-08473	7-16	5D
W74-08237	7-16	5G	W74-08315	7-16	5B	W74-08395	7-16	5D	W74-08474	7-16	5G
		5B	W74-08317	7-16	5F	W74-08396	7-16	5D	W74-08475	7-16	5B
W74-08238	7-16								W74-08476	7-16	5C
W74-08239	7-16	5B	W74-08318	7-16	4A	W74-08397	7-16	5E		7-16	3F
W74-08240	7-16	5B	W74-08319	7-16	5B	W74-08398	7-16	5D	W74-08477		
W74-08241	7-16	5B	W74-08320	7-16	5D	W74-08399	7-16	5D	W74-08478	7-16	5C
W74-08242	7-16	5B	W74-08321	7-16	5B	W74-08400	7-16	5D	W74-08479	7-16	5G
W74-08243	7-16	5B	W74-08322	7-16	5B	W74-08401	7-16	10C	W74-08480	7-16	5C
W74-08244	7-16	5B	W74-08323	7-16	3F	W74-08402	7-16	5D	W74-08481	7-16	5G
W74-08245	7-16	5D	W74-08324	7-16	5B	W74-08403	7-16	5C	W74-08482	7-16	5G
W74-08246	7-16	5D	W74-08325	7-16	5B	W74-08404	7-16	5B	W74-08483	7-16	5G
W74-08247	7-16	5D	W74-08326	7-16	5B	W74-08405	7-16	5G	W74-08484	7-16	5G
W74-08248	7-16	5D	W74-08327	7-16	5B	W74-08406	7-16	5G	W74-08485	7-16	5B
W74-08249	7-16	8A	W74-08328	7-16	5B	W74-08407	7-16	5D	W74-08486	7-16	5E
W74-08250	7-16	8A	W74-08329	7-16	5B	W74-08408	7-16	5D	W74-08487	7-16	10C
W74-08251	7-16	5B	W74-08330	7-16	3C	W74-08409	7-16	5D	W74-08488	7-16	4D
W74-08252	7-16	5B	W74-08331	7-16	3F	W74-08410	7-16	5D	W74-08489	7-16	6B
			W74-08332	7-16	5B	W74-08411	7-16	5A	W74-08490	7-16	4A
W74-08253	7-16	5D				W74-08412	7-16	SD	W74-08491	7-16	4A
W74-08254	7-16	5D	W74-08333	7-16	3A	W74-08412 W74-08413			W74-08492	7-16	5G
W74-08255	7-16	5D	W74-08334	7-16	3A		7-16	SD			
W74-08256	7-16	2G	W74-08335	7-16	3A	W74-08414	7-16	5A	W74-08493	7-16	6D
W74-08257	7-16	4C	W74-08336	7-16	3A	W74-08415	7-16	5A	W74-08494	7-16	5C
W74-08258	7-16	2G	W74-08337	7-16	3A	W74-08416	7-16	5D	W74-08495	7-16	3D
W74-08259	7-16	8B	W74-08338	7-16	3A	W74-08417	7-16	5D	W74-08496	7-16	6C
W74-08260	7-16	5D	W74-08339	7-16	3A	W74-08418	7-16		W74-08497	7-16	5G
W74-08261	7-16	5D	W74-08340	7-16	8C	W74-08419	7-16		W74-08498	7-16	2G
W74-08262	7-16	5D	W74-08341	7-16	5D	W74-08420	7-16	5A	W74-08499	7-16	3A
W74-08263	7-16	5D	W74-08342	7-16	3A	W74-08421	7-16	5B	W74-08500	7-16	3A
W74-08264	7-16	3F	W74-08343	7-16	3A	W74-08422	7-16	5G	W74-08501	7-16	3A
W74-08265	7-16	3F	W74-08344	7-16	5D	W74-08423	7-16	5B	W74-08502	7-16	3A
W74-08266	7-16	3F	W74-08345	7-16	3A	W74-08424	7-16	5D	W74-08503	7-16	8G
W74-08267	7-16	4A	W74-08346	7-16	5C	W74-08425	7-16		W74-08504	7-16	3A
W74-08268	7-16	4A	W74-08347	7-16	5C	W74-08426	7-16		W74-08505	7-16	5C
	7-16	3F	W74-08348	7-16	5C	W74-08427	7-16		W74-08506	7-16	6A
W74-08269				7-16	5D	W74-08428	7-16		W74-08507	7-16	3D
W74-08270	7-16	3F 3F	W74-08349 W74-08350	7-16	5F	W74-08429	7-16		W74-08508	7-16	4A
W74-08271	7-16			7-16	5B	W74-08430	7-16		W74-08509	7-16	6A
W74-08272	7-16	2G	W74-08351 W74-08352		5D	W74-08431	7-16		W74-08510	7-16	5D
W74-08273	7-16	2G		7-16			7-16		W74-08511	7-16	8A
W74-08274	7-16	2G	W74-08353	7-16	5D	W74-08432			W74-08511 W74-08512	7-16	4A
W74-08275	7-16		W74-08354	7-16	4B	W74-08433	7-16		W74-08512 W74-08513	7-16	4A
W74-08276	7-16	6E	W74-08355	7-16	5D	W74-08434	7-16				
W74-08277	7-16		W74-08356	7-16	5A	W74-08435	7-16	'	W74-08514	7-16	4A
W74-08278	7-16	8B	W74-08357	7-16	2E	W74-08436	7-16		W74-08515	7-16	4A
W74-08279	7-16	3F	W74-08358	7-16	8A	W74-08437	7-16		W74-08516	7-16	6E
W74-08280	7-16	5B	W74-08359	7-16	5B	W74-08438	7-16		W74-08517	7-16	6G
W74-08281	7-16	2G	W74-08360	7-16	5A	W74-08439			W74-08518	7-16	8A
W74-08282			W74-08361	7-16	5A	W74-08440	7-16	5G	W74-08519	7-16	8A
W74-08283	7-16		W74-08362	7-16		W74-08441	7-16	5D	W74-08520	7-16	8D
W74-08284	7-16		W74-08363	7-16		W74-08442			W74-08521	7-16	8A
W74-08285			W74-08364	7-16		W74-08443	7-16		W74-08522	7-16	4A
W74-08286			W74-08365	7-16		W74-08444			W74-08523	7-16	6G
			W74-08366	7-16		W74-08445			W74-08524	7-16	5G
W74-08287			W74-08367	7-16		W74-08446			W74-08525	7-16	5G
W74-08288						W74-08447			W74-08526	7-16	21
W74-08289			W74-08368	7-16		W74-08448			W74-08527	7-16	
W74-08290			W74-08369	7-16					W74-08527 W74-08528	7-16	
W74-08291			W74-08370	7-16		W74-08449				7-16	
W74-08292			W74-08371	7-16		W74-08450			W74-08529		
W74-08293			W74-08372	7-16		W74-08451			W74-08530	7-16	
W74-08294	7-16	4A	W74-08373	7-16	5B	W74-08452	7-16	8 8 I	W74-08531	7-16	2H

W74-08532	7-16	2L	W74-08611	7-16	5B	W74-08690	7-16	5A	W74-08769	7-17	5B
W74-08532	7-16	6E	W74-08612	7-16	5B		7-16	2E	W74-08770	7-17	5B
W74-08534	7-16	6E	W74-08613	7-16	5B	W74-08692	7-16	5C	W74-08771	7-17	5G
W74-08535	7-16	5G	W74-08614	7-16	5B	W74-08693	7-16	5A	W74-08772	7-17	5B
W74-08536	7-16	6E	W74-08615	7-16	5B	W74-08694	7-16	5B	W74-08773	7-17	5G
W74-08537	7-16	6E	W74-08616	7-16	5B	W74-08695	7-16	5A	W74-08774	7-17	5G
W74-08538	7-16	6E	W74-08617	7-16	5B	W74-08696	7-16	5B	W74-08775	7-17	5C
W74-08539	7-16	6E	W74-08618	7-16	5B	W74-08697	7-16	5G	W74-08776	7-17	5C
W74-08540	7-16	6E	W74-08619	7-16	5B	W74-08698	7-16	5B	W74-08777	7-17	5D
W74-08541	7-16	3F	W74-08620	7-16	5B	W74-08699	7-16	21	W74-08778	7-17	5D
W74-08542	7-16	5G	W74-08621	7-16	5B	W74-08700	7-16	2G	W74-08779	7-17	3F
W74-08543	7-16	4A	W74-08622	7-16	5B	W74-08701	7-17	5C	W74-08780	7-17	8C
W74-08544	7-16	6E	W74-08623	7-16	5B	W74-08702	7-17	5D	W74-08781	7-17	2F
W74-08545	7-16	6E	W74-08624	7-16	5B	W74-08703	7-17	6E	W74-08782	7-17	8B
W74-08546	7-16	6E	W74-08625	7-16	5B	W74-08704	7-17	2C	W74-08783	7-17	5D
W74-08547	7-16	3F	W74-08626	7-16	5B	W74-08705	7-17	2F	W74-08784	7-17	5F
W74-08548	7-16	2H	W74-08627	7-16	5B	W74-08706	7-17	6B	W74-08785	7-17	5D
W74-08549	7-16	5B	W74-08628	7-16	5B	W74-08707	7-17	2E	W74-08786	7-17	5D
W74-08550	7-16	5G	W74-08629		5B	W74-08708	7-17	2L	W74-08787	7-17	5D
W74-08551	7-16	4A	W74-08630		5B	W74-08709	7-17	4A	W74-08788	7-17	5D
W74-08552	7-16	6E	W74-08631	7-16	5C	W74-08710	7-17	3E	W74-08789	7-17	5D
W74-08553	7-16	6E	W74-08632		5B	W74-08711	7-17	3A	W74-08790	7-17	8C
W74-08554	7-16	6E	W74-08633		5B	W74-08712	7-17	2H	W74-08791	7-17	5C
W74-08555	7-16	6E	W74-08634		5B	W74-08713	7-17	5C	W74-08792	7-17	5A
W74-08556	7-16	6E	W74-08635		5B	W74-08714	7-17	5A	W74-08793	7-17	5B
W74-08557	7-16	6E	W74-08636		5C	W74-08715	7-17	5A	W74-08794	7-17	6B
W74-08558	7-16	6E	W74-08637		5C	W74-08716	7-17	5C	W74-08795	7-17	5F
W74-08559	7-16	6E	W74-08638		5C	W74-08717	7-17	5C	W74-08796	7-17	5D
W74-08560	7-16	6E	W74-08639		5C	W74-08718	7-17	5C	W74-08797	7-17	8G
W74-08561	7-16	6E	W74-08640		5C	W74-08719	7-17	5C	W74-08798	7-17	5D
W74-08562	7-16	6E	W74-08641		5B	W74-08720	7-17	5C	W74-08799	7-17	3F
W74-08563	7-16	6E	W74-08642		2L	W74-08721	7-17	5C	W74-08800	7-17	3F
W74-08564	7-16	6E	W74-08643		2B	W74-08722	7-17	5C	W74-08801	7-17	2D
W74-08565	7-16	6E	W74-08644		5B	W74-08723	7-17	5C	W74-08802	7-17	3F
W74-08566	7-16	6E	W74-08645		5B	W74-08724	7-17	5C	W74-08803	7-17	3F
W74-08567	7-16	6E	W74-08646		5B	W74-08725	7-17	5C	W74-08804	7-17	3F
W74-08568	7-16	6E	W74-08647	7-16	5B	W74-08726	7-17	5C	W74-08805	7-17	3F
W74-08569	7-16	6E	W74-08648	7-16	5B	W74-08727	7-17	5A	W74-08806	7-17	3C
W74-08570	7-16	6E	W74-08649	7-16	5B	W74-08728	7-17	5C	W74-08807	7-17	3F
W74-08571	7-16	6E	W74-08650	7-16	5B	W74-08729	7-17	5D	W74-08808	7-17	3C
W74-08572	7-16	6E	W74-08651	7-16	5B	W74-08730	7-17	5C	W74-08809	7-17	3F
W74-08573	7-16	6E	W74-08652	7-16	5B	W74-08731	7-17	5C	W74-08810	7-17	3F
W74-08574	7-16	6E	W74-08653	7-16	5B	W74-08732	7-17	21	W74-08811	7-17	3F
W74-08575	7-16	6E	W74-08654	7-16	5B	W74-08733	7-17	21	W74-08812	7-17	3F
W74-08576	7-16	6E	W74-0865	7-16	5B	W74-08734	7-17	21	W74-08813	7-17	4D
W74-08577	7-16	6E	W74-08656	7-16	5B	W74-08735	7-17	21	W74-08814	7-17	2G
W74-08578	7-16	6E	W74-0865	7-16	6E	W74-08736	7-17	5C	W74-08815	7-17	3C
W74-08579	7-16	6E	W74-0865	7-16	6E	W74-08737	7-17	5C	W74-08816	7-17	3C
W74-08580	7-16	6E	W74-0865	7-16	6E	W74-08738	7-17	5C	W74-08817	7-17	3F
W74-08581	7-16	6E	W74-0866			W74-08739	7-17	5B	W74-08818	7-17	3F
W74-08582	7-16	2K	W74-0866	7-16		W74-08740	7-17	5C	W74-08819	7-17	2G
W74-08583	7-16	7B	W74-0866	2 7-16		W74-08741	7-17	2L	W74-08820	7-17	8G
W74-08584	7-16	8A	W74-0866			W74-08742	7-17	5C	W74-08821	7-17	5B
W74-08585	7-16	4A	W74-0866			W74-08743	7-17	5C	W74-08822	7-17	2G
W74-08586	7-16	8B	W74-0866			W74-08744	7-17	21	W74-08823	7-17	5B
W74-08587	7-16		W74-0866			W74-08745	7-17	5C	W74-08824	7-17	10D
W74-08588	7-16	5D	W74-0866			W74-08746	7-17	5C	W74-08825	7-17	5A
W74-08589	7-16		W74-0866			W74-08747	7-17	4A	W74-08826	7-17	5C
W74-08590	7-16	5D	W74-0866			W74-08748	7-17	4A	W74-08827	7-17	6E
W74-08591	7-16	5D	W74-0867			W74-08749	7-17	4A	W74-08828	7-17	5G
W74-08592	7-16		W74-0867			W74-08750	7-17	4A	W74-08829	7-17	5G
W74-08593			W74-0867			W74-08751	7-17	4A	W74-08830	7-17	5C
W74-08594	7-16		W74-0867			W74-08752	7-17	4A	W74-08831	7-17	5A
W74-08595			W74-0867			W74-08753	7-17	4A	W74-08832		5C
W74-08596			W74-0867			W74-08754	7-17	2D	W74-08833	7-17	5C
W74-08597			W74-0867			W74-08755	7-17	3F	W74-08834	7-17	5C
W74-08598			W74-0867			W74-08756	7-17	3F	W74-08835	7-17	5B
W74-08599			W74-0867			W74-08757	7-17	3F	W74-08836		5B
W74-08600			W74-0867			W74-08758	7-17	5C	W74-08837	7-17	SC SD
W74-08601	7-16		W74-0868			W74-08759	7-17	2B	W74-08838		5D
W74-08602			W74-0868			W74-08760	7-17	2D	W74-08839		
W74-08603			W74-0868			W74-08761	7-17	2C	W74-08840		
W74-08604			W74-0868			W74-08762	7-17	2H	W74-08841	7-17	
W74-08605			W74-0868			W74-08763	7-17	3C	W74-08842		3A
W74-08606			W74-0868			W74-08764	7-17	2F	W74-08843		
W74-08607			W74-0868			W74-08765	7-17	2G	W74-08844		
W74-08608			W74-0868			W74-08766	7-17	7B	W74-08845		
W74-08609			W74-0868			W74-08767	7-17		W74-08846		
W74-08610	7-16	5B	W74-0868	9 7-16	5A	W74-08768	7-17	4B	W74-08847	7-17	5D

W74-08848	7-17	5D	W74-08927	7-17	3F	W74-09006	7-17	2F	W74-09085	7-17	6 D
W74-08849	7-17	5D	W74-08928	7-17	5B	W74-09007	7-17	2F		7-17	6B 5B
									W74-09086		
W74-08850	7-17	5D	W74-08929	7-17	3F	W74-09008	7-17	2F	W74-09087	7-17	5B
W74-08851	7-17	5D	W74-08930	7-17	6E	W74-09009	7-17	2F	W74-09088	7-17	5B
W74-08852	7-17	5D	W74-08931	7-17	3F	W74-09010	7-17	4B	W74-09089	7-17	5D
W74-08853	7-17	5D	W74-08932	7-17	3F	W74-09011	7-17	2F	W74-09090	7-17	2A
W74-08854	7-17	5D	W74-08933	7-17	2B	W74-09012	7-17	4B	W74-09091	7-17	4B
W74-08855	7-17	5D	W74-08934	7-17	5B	W74-09013	7-17	2K ·	W74-09092	7-17	5B
W74-08856	7-17	5D	W74-08935	7-17	5A	W74-09014	7-17	4B	W74-09093	7-17	5B
W74-08857	7-17	5D	W74-08936	7-17	5G	W74-09015	7-17	2K	W74-09094	7-17	4B
W74-08858	7-17	5D	W74-08937	7-17	2J	W74-09016	7-17	2K	W74-09095	7-17	5D
W74-08859	7-17	5D	W74-08938	7-17	5C	W74-09017	7-17	2K	W74-09096	7-17	2F
W74-08860	7-17	5D	W74-08939	7-17	5D	W74-09018	7-17	2K	W74-09097	7-17	5B
W74-08861	7-17	5D	W74-08940	7-17	5D	W74-09019	7-17	2K	W74-09098	7-17	5B
W74-08862	7-17	5D	W74-08941	7-17	5D	W74-09020	7-17	2K			2L
W74-08863	7-17	5G		7-17	5B				W74-09099	7-17	
W74-08864			W74-08942			W74-09021	7-17	2K	W74-09100	7-17	2H
	7-17	5B	W74-08943	7-17	5A	W74-09022	7-17	2K	W74-09101	7-17	2H
W74-08865	7-17	5B	W74-08944	7-17	5D	W74-09023	7-17	2K	W74-09102	7-17	2H
W74-08866	7-17	5G	W74-08945	7-17	5D	W74-09024	7-17	2K	W74-09103	7-17	2H
W74-08867	7-17	5B	W74-08946	7-17	5B	W74-09025	7-17	4B	W74-09104	7-17	2H
W74-08868	7-17	5D	W74-08947	7-17	5C	W74-09026	7-17	4B	W74-09105	7-17	2H
W74-08869	7-17	5D	W74-08948	7-17	5C	W74-09027	7-17	2F	W74-09106	7-17	2H
W74-08870	7-17	5C	W74-08949	7-17	5C	W74-09028	7-17	4B	W74-09107	7-17	2H
W74-08871	7-17	6G	W74-08950	7-17	5C	W74-09029	7-17	8A	W74-09108	7-17	2H
W74-08872	7-17	5F	W74-08951	7-17	5C	W74-09030	7-17	8A	W74-09109	7-17	2H
W74-08873	7-17	5B	W74-08952	7-17	5C	W74-09031	7-17	8A	W74-09110	7-17	2H
W74-08874	7-17	5C	W74-08953	7-17	5C	W74-09032	7-17	8A	W74-09111	7-17	2H
W74-08875	7-17	5B	W74-08954	7-17	5B	W74-09033	7-17	8A	W74-09112	7-17	2H
W74-08876	7-17	5B	W74-08955	7-17	5B	W74-09034	7-17	2F	W74-09113	7-17	5B
W74-08877	7-17	5A	W74-08956	7-17	5A	W74-09035	7-17	4B	W74-09114	7-17	5B
W74-08878	7-17	5C	W74-08957	7-17	5B	W74-09036	7-17				
W74-08879	7-17	5D	W74-08958					4B	W74-09115	7-17	2F
W74-08880				7-17	5B	W74-09037	7-17	3A	W74-09116	7-17	7C
	7-17	5A	W74-08959	7-17	5C	W74-09038	7-17	2K	W74-09117	7-17	8A
W74-08881	7-17	5B	W74-08960	7-17	2H	W74-09039	7-17	2K	W74-09118	7-17	2H
W74-08882	7-17	6E	W74-08961	7-17	5C	W74-09040	7-17	2K	W74-09119	7-17	5B
W74-08883	7-17	2G	W74-08962	7-17	5B	W74-09041	7-17	2F	W74-09120	7-17	5C
W74-08884	7-17	5D	W74-08963	7-17	5D	W74-09042	7-17	4B	W74-09121	7-17	6E
W74-08885	7-17	5A	W74-08964	7-17	5B	W74-09043	7-17	4B	W74-09122	7-17	6E
W74-08886	7-17	5A	W74-08965	7-17	5D	W74-09044	7-17	6B	W74-09123	7-17	5G
W74-08887	7-17	5A	W74-08966	7-17	5A	W74-09045	7-17	6C	W74-09124	7-17	5G
W74-08888	7-17	5A	W74-08967	7-17	21	W74-09046	7-17	6C	W74-09125	7-17	5G
W74-08889	7-17	5D	W74-08968	7-17	5D	W74-09047	7-17	6C	W74-09126	7-17	4C
W74-08890	7-17	5D	W74-08969	7-17	5A	W74-09048	7-17	6C	W74-09127	7-17	5C
W74-08891	7-17	5C	W74-08970	7-17	5A	W74-09049	7-17	5G	W74-09128	7-17	5D
W74-08892	7-17	8G	W74-08971	7-17	5A	W74-09050	7-17	5D	W74-09129	7-17	6E
W74-08893	7-17	5G	W74-08972	7-17	5A	W74-09051	7-17	6B	W74-09130		
W74-08894	7-17	5C	W74-08973	7-17	2F					7-17	6E
						W74-09052	7-17	5D	W74-09131	7-17	6E
W74-08895	7-17	5G	W74-08974	7-17	2F	W74-09053	7-17	4B	W74-09132	7-17	6E
W74-08896	7-17	5D	W74-08975	7-17	2F	W74-09054	7-17	3F	W74-09133	7-17	6E
W74-08897	7-17	5D	W74-08976	7-17	2F	W74-09055	7-17	3F	W74-09134	7-17	6E
W74-08898	7-17	8C	W74-08977	7-17	2F	W74-09056	7-17	3F	W74-09135	7-17	5G
W74-08899	7-17	5D	W74-08978	7-17	2F	W74-09057	7-17	3F	W74-09136	7-17	5G
W74-08900	7-17	8C	W74-08979	7-17	2F	W74-09058	7-17	6B	W74-09137	7-17	6D
W74-08901	7-17	8A	W74-08980	7-17	2F	W74-09059	7-17	6B	W74-09138	7-17	5G
W74-08902	7-17	5D	W74-08981	7-17	2F	W74-09060	7-17	5G	W74-09139	7-17	6E
W74-08903	7-17	5A	W74-08982	7-17	2F	W74-09061	7-17	5D	W74-09140	7-17	6E
W74-08904	7-17	5D	W74-08983	7-17	2F	W74-09062	7-17	5D	W74-09141	7-17	6E
W74-08905	7-17	5G	W74-08984	7-17	2F	W74-09063	7-17	21	W74-09142	7-17	5C
W74-08906	7-17	8F	W74-08985	7-17	2F	W74-09064	7-17	5D	W74-09143	7-17	6E
W74-08907	7-17	5A	W74-08986	7-17	2F	W74-09064 W74-09065	7-17	5C			
W74-08908	7-17								W74-09144	7-17	6E
	7-17	5A	W74-08987	7-17	2F	W74-09066	7-17	5D	W74-09145	7-17	6E
W74-08909		4B	W74-08988	7-17	4B	W74-09067	7-17	10C	W74-09146	7-17	6E
W74-08910	7-17	5F	W74-08989	7-17	2F	W74-09068	7-17	6B	W74-09147	7-17	6E
W74-08911	7-17	5A	W74-08990	7-17	2F	W74-09069	7-17	6B	W74-09148	7-17	6E
W74-08912	7-17	7B	W74-08991	7-17	2F	W74-09070	7-17	6B	W74-09149	7-17	6E
W74-08913	7-17	7B	W74-08992	7-17	2F	W74-09071	7-17	6B	W74-09150	7-17	6E
W74-08914	7-17	7B	W74-08993	7-17	2F	W74-09072	7-17	6B	W74-09151	7-17	6E
W74-08915	7-17	5D	W74-08994	7-17	2F	W74-09073	7-17	6B	W74-09152	7-17	6E
W74-08916	7-17	5D	W74-08995	7-17	2F	W74-09074	7-17	5C	W74-09153	7-17	6E
W74-08917	7-17	3F	W74-08996	7-17	2F	W74-09075	7-17	6B	W74-09154	7-17	6E
W74-08918	7-17	3F	W74-08997	7-17	2F	W74-09076	7-17	6D	W74-09155	7-17	6E
W74-08919	7-17	2G	W74-08998	7-17	2F	W74-09077	7-17	6D	W74-09156	7-17	6E
W74-08920	7-17	2G	W74-08999	7-17	2F	W74-09078	7-17	5D	W74-09157	7-17	6E
W74-08921	7-17	5B	W74-09000	7-17	2F	W74-09079	7-17	5D	W74-09158	7-17	6E
W74-08922	7-17	SC SC	W74-09001	7-17	2F	W74-09079	7-17	5G	W74-09159	7-17	6E
W74-08923	7-17	2F	W74-09002	7-17	2F	W74-09080	7-17	6B	W74-09159	7-17	6E
W74-08924	7-17	2G	W74-09002	7-17	2F	W74-09081	7-17	6B	W74-09161	7-17	6E
W74-08925	7-17	21	W74-09003	7-17	4B	W74-09082 W74-09083	7-17				
W74-08926	7-17	2F	W74-09004					6B	W74-09162	7-17	5C
17 /4-00720	/-1/	41	W /4-09005	7-17	2F	W74-09084	7-17	6A	W74-09163	7-17	6E

W/4-09104			
W74-09164 7-17 6E	W74-09243 7-17 5G	W74-09322 7-18 3B	W74-09401 7-18 7C
W74-09165 7-17 6E	W74-09244 7-17 5G	W74-09323 7-18 5G	W74-09402 7-18 2H
W74-09166 7-17 6E	W74-09245 7-17 4C	W74-09324 7-18 5G	W74-09403 7-18 5D
W74-09167 7-17 3A	W74-09246 7-17 2G W74-09247 7-17 3F	W74-09325 7-18 2C W74-09326 7-18 2C	W74-09404 7-18 6B W74-09405 7-18 4C
W74-09168 7-17 6E W74-09169 7-17 6E	W74-09247 7-17 3F W74-09248 7-17 3F	W74-09327 7-18 2C	W74-09406 7-18 2B
W74-09170 7-17 6E	W74-09249 7-17 3F	W74-09328 7-18 2C	W74-09407 7-18 2H
W74-09171 7-17 6D	W74-09250 7-17 5A	W74-09329 7-18 2C	W74-09408 7-18 5B
W74-09172 7-17 8A	W74-09251 7-18 6B	W74-09330 7-18 2C	W74-09409 7-18 2F
W74-09173 7-17 4B	W74-09252 7-18 6B	W74-09331 7-18 2C W74-09332 7-18 2C	W74-09410 7-18 5D W74-09411 7-18 4C
W74-09174 7-17 3A W74-09175 7-17 5D	W74-09253 7-18 5D W74-09254 7-18 5B	W74-09332 7-18 2C W74-09333 7-18 2C	W74-09412 7-18 4A
W74-09175 7-17 5D W74-09176 7-17 5D	W74-09255 7-18 5A	W74-09334 7-18 2C	W74-09413 7-18 6E
W74-09177 7-17 5G	W74-09256 7-18 3C	W74-09335 7-18 2C	W74-09414 7-18 6E
W74-09178 7-17 5G	W74-09257 7-18 5G	W74-09336 7-18 2C	W74-09415 7-18 4A W74-09416 7-18 4A
W74-09179 7-17 3A	W74-09258 7-18 6E W74-09259 7-18 8B	W74-09337 7-18 2C W74-09338 7-18 2C	W74-09416 7-18 4A W74-09417 7-18 6B
W74-09180 7-17 5D W74-09181 7-17 5D	W74-09260 7-18 5G	W74-09339 7-18 2C	W74-09418 7-18 6B
W74-09182 7-17 5D	W74-09261 7-18 2H	W74-09340 7-18 2C	W74-09419 7-18 4A
W74-09183 7-17 5D	W74-09262 7-18 8D	W74-09341 7-18 2C	W74-09420 7-18 6B
W74-09184 7-17 5D	W74-09263 7-18 4A	W74-09342 7-18 2C	W74-09421 7-18 6E W74-09422 7-18 5D
W74-09185 7-17 5D	W74-09264 7-18 4A W74-09265 7-18 5D	W74-09343 7-18 2C W74-09344 7-18 2C	W74-09423 7-18 5D
W74-09186 7-17 5 W74-09187 7-17 3A	W74-09265 7-18 5D W74-09266 7-18 8C	W74-09345 7-18 2C	W74-09424 7-18 5D
W74-09188 7-17 5D	W74-09267 7-18 4A	W74-09346 7-18 2C	W74-09425 7-18 5D
W74-09189 7-17 5D	W74-09268 7-18 4A	W74-09347 7-18 2C	W74-09426 7-18 5D
W74-09190 7-17 5D	W74-09269 7-18 4A	W74-09348 7-18 2C	W74-09427 7-18 5D
W74-09191 7-17 5D	W74-09270 7-18 4A	W74-09349 7-18 2C W74-09350 7-18 2H	W74-09428 7-18 5D W74-09429 7-18 5D
W74-09192 7-17 5F W74-09193 7-17 8B	W74-09271 7-18 4A W74-09272 7-18 4A	W74-09350 7-18 2H W74-09351 7-18 5B	W74-09430 7-18 5D
W74-09193 7-17 8B W74-09194 7-17 4B	W74-09273 7-18 4A	W74-09352 7-18 4B	W74-09431 7-18 5A
W74-09195 7-17 2G	W74-09274 7-18 4A	W74-09353 7-18 5G	W74-09432 7-18 5C
W74-09196 7-17 2B	W74-09275 7-18 4A	W74-09354 7-18 4A	W74-09433 7-18 2H
W74-09197 7-17 2E	W74-09276 7-18 4A	W74-09355 7-18 4A	W74-09434 7-18 5D W74-09435 7-18 5C
W74-09198 7-17 3B	W74-09277 7-18 6E W74-09278 7-18 4A	W74-09356 7-18 4A W74-09357 7-18 4A	W74-09436 7-18 5G
W74-09199 7-17 2G W74-09200 7-17 2A	W74-09278 7-18 4A W74-09279 7-18 4A	W74-09358 7-18 4A	W74-09437 7-18 5D
W74-09201 7-17 2D	W74-09280 7-18 3A	W74-09359 7-18 5D	W74-09438 7-18 5G
W74-09202 7-17 5D	W74-09281 7-18 6E	W74-09360 7-18 6B	W74-09439 7-18 5D
W74-09203 7-17 5G	W74-09282 7-18 5G	W74-09361 7-18 5D	W74-09440 7-18 5B
W74-09204 7-17 8B	W74-09283 7-18 5G	W74-09362 7-18 5B W74-09363 7-18 5G	W74-09441 7-18 5D W74-09442 7-18 5B
W74-09205 7-17 8C W74-09206 7-17 5B	W74-09284 7-18 8I W74-09285 7-18 6E	W74-09364 7-18 6A	W74-09443 7-18 5G
W74-09207 7-17 5B	W74-09286 7-18 6E	W74-09365 7-18 4A	W74-09444 7-18 5D
W74-09208 7-17 5B	W74-09287 7-18 6E	W74-09366 7-18 4B	W74-09445 7-18 5D
W74-09209 7-17 5B	W74-09288 7-18 6E	W74-09367 7-18 7C W74-09368 7-18 2L	W74-09446 7-18 2H W74-09447 7-18 5D
W74-09210 7-17 5B W74-09211 7-17 5C	W74-09289 7-18 6E W74-09290 7-18 6E	W74-09368 7-18 2L W74-09369 7-18 5B	W74-09448 7-18 5C
W74-09211 7-17 5C W74-09212 7-17 5D	W74-09291 7-18 6E	W74-09370 7-18 3B	W74-09449 7-18 2H
W74-09213 7-17 5D	W74-09292 7-18 6E	W74-09371 7-18 5A	W74-09450 7-18 5D
W74-09214 7-17 5D	W74-09293 7-18 6E	W74-09372 7-18 2H	W74-09451 7-18 5D W74-09452 7-18 5D
W74-09215 7-17 5A	W74-09294 7-18 6E W74-09295 7-18 6E	W74-09373 7-18 5D W74-09374 7-18 5G	W74-09452 7-18 5D W74-09453 7-18 5D
W74-09216 7-17 5A W74-09217 7-17 7A	W74-09295 7-18 6E W74-09296 7-18 6E	W74-09375 7-18 5B	W74-09454 7-18 5C
W74-09218 7-17 2E	W74-09297 7-18 6E	W74-09376 7-18 5D	W74-09455 7-18 5D
W74-09219 7-17 2C	W74-09298 7-18 6E	W74-09377 7-18 5D	W74-09456 7-18 5D
W74-09220 7-17 5A	W74-09299 7-18 6E	W74-09378 7-18 3B W74-09379 7-18 2L	W74-09457 7-18 5D W74-09458 7-18 5G
W74-09221 7-17 8B	W74-09300 7-18 6E W74-09301 7-18 6E	W74-09379 7-18 2L W74-09380 7-18 2L	W74-09459 7-18 5C
W74-09222 7-17 3B W74-09223 7-17 2E	W74-09301 7-18 6E W74-09302 7-18 6E	W74-09381 7-18 2L	W74-09460 7-18 5C
W74-09224 7-17 3B	W74-09303 7-18 6E	W74-09382 7-18 2L	W74-09461 7-18 5D
W74-09225 7-17 2J	W74-09304 7-18 6E	W74-09383 7-18 2L	W74-09462 7-18 5C
W74-09226 7-17 5A	W74-09305 7-18 6E	W74-09384 7-18 5C W74-09385 7-18 5B	W74-09463 7-18 5C W74-09464 7-18 5D
W74-09227 7-17 5A	W74-09306 7-18 6E W74-09307 7-18 6E	W74-09385 7-18 5B W74-09386 7-18 5A	W74-09465 7-18 5B
W74-09228 7-17 5B W74-09229 7-17 4B	W74-09308 7-18 6E	W74-09387 7-18 2L	W74-09466 7-18 5B
W74-09230 7-17 2C	W74-09309 7-18 6E	W74-09388 7-18 2L	W74-09467 7-18 5D
W74-09231 7-17 2H	W74-09310 7-18 6E	W74-09389 7-18 2L	W74-09468 7-18 5B
W74-09232 7-17 4A	W74-09311 7-18 6E	W74-09390 7-18 2E W74-09391 7-18 2E	W74-09469 7-18 4A W74-09470 7-18 5D
W74-09233 7-17 5C W74-09234 7-17 5C	W74-09312 7-18 6E W74-09313 7-18 8I	W74-09391 7-18 2E W74-09392 7-18 2E	W74-09471 7-18 5D
W74-09234 7-17 5C W74-09235 7-17 5B	W74-09314 7-18 6E	W74-09393 7-18 2E	W74-09472 7-18 5B
W74-09236 7-17 5C	W74-09315 7-18 5C	W74-09394 7-18 2E	W74-09473 7-18 5D
W74-09237 7-17 5C	W74-09316 7-18 6E	W74-09395 7-18 2E	W74-09474 7-18 5D
W74-09238 7-17 5C	W74-09317 7-18 5G	W74-09396 7-18 2E	W74-09475 7-18 5D W74-09476 7-18 3F
W74-09239 7-17 5C	W74-09318 7-18 6E W74-09319 7-18 5E	W74-09397 7-18 4A W74-09398 7-18 4A	W74-09477 7-18 4B
W74-09240 7-17 5G W74-09241 7-17 5G	W74-09319 7-18 3E W74-09320 7-18 2C	W74-09399 7-18 7C	W74-09478 7-18 4A
W74-09242 7-17 6D	W74-09321 7-18 5G	W74-09400 7-18 4A	W74-09479 7-18 3D

11/74 00490	7-18	2E	W74-09559	7-18	4A	W74-09638	7-18	7C	W74-09717	7-18	5G
W74-09480		8A	W74-09560	7-18	5G	W74-09639	7-18	7C	W74-09718	7-18	5D
W74-09481	7-18		W74-09561	7-18	5G	W74-09640	7-18	7C	W74-09719	7-18	5D
W74-09482	7-18	5D	W74-09562	7-18	6B	W74-09641	7-18	2F	W74-09720	7-18	8A
W74-09483	7-18	6C				W74-09642	7-18	2H	W74-09721	7-18	5D
W74-09484	7-18	5A	W74-09563	7-18	5G		7-18	4B	W74-09722	7-18	8C
W74-09485	7-18	4A	W74-09564	7-18	6B	W74-09643				7-18	21
W74-09486	7-18	5D	W74-09565	7-18	5B	W74-09644	7-18	2K	W74-09723		
W74-09487	7-18	5D	W74-09566	7-18	8I	W74-09645	7-18	2K	W74-09724	7-18	5D
W74-09488	7-18	5D	W74-09567	7-18	6A	W74-09646	7-18	2H	W74-09725	7-18	5D
W74-09489	7-18	5C	W74-09568	7-18	6A	W74-09647	7-18	4B	W74-09726	7-18	3B
W74-09490	7-18	5D	W74-09569	7-18	6B	W74-09648	7-18	4B	W74-09727	7-18	8A
W74-09491	7-18	5B	W74-09570	7-18	5B	W74-09649	7-18	2E	W74-09728	7-18	8B
W74-09492	7-18	5C	W74-09571	7-18	5B	W74-09650	7-18	2K	W74-09729	7-18	5D
W74-09493	7-18	5D	W74-09572	7-18	5C	W74-09651	7-18	6B	W74-09730	7-18	3F
W74-09494	7-18	5D	W74-09573	7-18	5B	W74-09652	7-18	5D	W74-09731	7-18	5D
W74-09495	7-18	4A	W74-09574	7-18	5B	W74-09653	7-18	5G	W74-09732	7-18	5D
W74-09496	7-18	5D	W74-09575	7-18	5C	W74-09654	7-18	6A	W74-09733	7-18	5C
W74-09497	7-18	5D	W74-09576	7-18	5C	W74-09655	7-18	2B	W74-09734	7-18	6B
W74-09498	7-18	5C	W74-09577	7-18	5D	W74-09656	7-18	6B	W74-09735	7-18	5G
				7-18	5B	W74-09657	7-18	6B	W74-09736	7-18	5D
W74-09499	7-18	5D	W74-09578			W74-09658	7-18		W74-09737	7-18	21
W74-09500	7-18	21	W74-09579	7-18	5C			6A	W74-09738	7-18	5D
W74-09501	7-18	81	W74-09580	7-18	5B	W74-09659	7-18	9A			
W74-09502	7-18	5B	W74-09581	7-18	5A	W74-09660	7-18	5C	W74-09739	7-18	4A
W74-09503	7-18	5B	W74-09582	7-18	2L	W74-09661	7-18	6B	W74-09740	7-18	2E
W74-09504	7-18	5D	W74-09583	7-18	5E	W74-09662	7-18	5D	W74-09741	7-18	5B
W74-09505	7-18	5D	W74-09584	7-18	5A	W74-09663	7-18	5D	W74-09742	7-18	5A
W74-09506	7-18	5E	W74-09585	7-18	5B	W74-09664	7-18	5D	W74-09743	7-18	5D
W74-09507	7-18	2H	W74-09586	7-18	4A	W74-09665	7-18	5G	W74-09744	7-18	5D
W74-09508	7-18	5D	W74-09587	7-18	2L	W74-09666	7-18	5G	W74-09745	7-18	5D
W74-09509	7-18	4A	W74-09588	7-18	2C	W74-09667	7-18	5G	W74-09746	7-18	21
W74-09510	7-18	5D	W74-09589	7-18	5B	W74-09668	7-18	5G	W74-09747	7-18	5D
W74-09511	7-18	5D	W74-09590	7-18	5B	W74-09669	7-18	5G	W74-09748	7-18	5G
W74-09512	7-18	5A	W74-09591	7-18	5B	W74-09670	7-18		W74-09749	7-18	5D
W74-09513	7-18	5D	W74-09592	7-18	5B	W74-09671	7-18		W74-09750	7-18	21
				7-18	5B	W74-09672	7-18		W74-09751	7-18	2H
W74-09514	7-18	5A	W74-09593				7-18		W74-09752	7-18	2H
W74-09515	7-18	5D	W74-09594	7-18	5B	W74-09673				7-18	5G
W74-09516	7-18	8C	W74-09595	7-18	5B	W74-09674	7-18		W74-09753		
W74-09517	7-18	5D	W74-09596	7-18	5B	W74-09675	7-18		W74-09754	7-18	81
W74-09518	7-18	2G	W74-09597	7-18	5B	W74-09676	7-18		W74-09755	7-18	5G
W74-09519	7-18	5F	W74-09598	7-18	5B	W74-09677	7-18		W74-09756	7-18	5A
W74-09520	7-18	5D	W74-09599	7-18	2G	W74-09678	7-18	5D	W74-09757	7-18	2C
W74-09521	7-18	5D	W74-09600	7-18	21	W74-09679	7-18	5D	W74-09758	7-18	5C
W74-09522	7-18	8F	W74-09601	7-18	4B	W74-09680	7-18	5B	W74-09759	7-18	5A
W74-09523	7-18	8E	W74-09602	7-18	5B	W74-09681	7-18	5B	W74-09760	7-18	5A
W74-09524	7-18	8G	W74-09603	7-18	2A	W74-09682	7-18	5D	W74-09761	7-18	5C
W74-09525	7-18	5C	W74-09604	7-18	7B	W74-09683	7-18	5D	W74-09762	7-18	5B
W74-09526	7-18	5B	W74-09605	7-18	4A	W74-09684	7-18		W74-09763	7-18	5A
W74-09527	7-18	8E	W74-09606	7-18	5B	W74-09685	7-18		W74-09764	7-18	5C
	7-18	6B	W74-09607	7-18	2C	W74-09686	7-18		W74-09765	7-18	5A
W74-09528				7-18	2C	W74-09687	7-18		W74-09766	7-18	5C
W74-09529	7-18	4B	W74-09608				7-18		W74-09767	7-18	5G
W74-09530	7-18	21	W74-09609	7-18	2C	W74-09688					
W74-09531	7-18	5B	W74-09610	7-18	2C	W74-09689	7-18		W74-09768	7-18	81
W74-09532	7-18	4B	W74-09611	7-18	2D	W74-09690	7-18		W74-09769	7-18	5C
W74-09533	7-18	4B	W74-09612	7-18	2C	W74-09691	7-18		W74-09770	7-18	5A
W74-09534	7-18	8D	W74-09613	7-18	2A	W74-09692			W74-09771	7-18	5A
W74-09535	7-18	8B	W74-09614	7-18	5G	W74-09693	7-18		W74-09772	7-18	5A
W74-09536	7-18	5B	W74-09615	7-18	2D	W74-09694	7-18		W74-09773	7-18	5F
W74-09537	7-18	4C	W74-09616	7-18	2J	W74-09695	7-18	5D	W74-09774	7-18	5A
W74-09538	7-18	6B	W74-09617	7-18	4A	W74-09696	7-18	5D	W74-09775	7-18	5F
W74-09539	7-18	5G	W74-09618	7-18	23	W74-09697	7-18		W74-09776	7-18	5F
W74-09540	7-18	5C	W74-09619	7-18	2.1	W74-09698			W74-09777	7-18	5B
W74-09541	7-18	5B	W74-09620	7-18	4B	W74-09699			W74-09778	7-18	5C
W74-09542	7-18	5B	W74-09621	7-18	2E	W74-09700			W74-09779	7-18	5B
W74-09542 W74-09543	7-18	4B	W74-09622	7-18	5A	W74-09701			W74-09780	7-18	5C
W74-09543 W74-09544	7-18	2F	W74-09623	7-18	5A	W74-09702			W74-09781	7-18	81
					5B	W74-09703			W74-09782	7-18	5A
W74-09545	7-18	7B	W74-09624	7-18					W74-09783	7-18	5A
W74-09546	7-18	2D	W74-09625	7-18	2G	W74-09704					
W74-09547	7-18	5C	W74-09626	7-18	8B	W74-09705			W74-09784	7-18	5D
W74-09548	7-18		W74-09627	7-18	8B	W74-09706			W74-09785	7-18	5C
W74-09549	7-18		W74-09628	7-18	8B	W74-09707			W74-09786	7-18	5C
W74-09550	7-18	3F	W74-09629	7-18	2A	W74-09708			W74-09787	7-18	5C
W74-09551	7-18	3E	W74-09630	7-18	4A	W74-09709			W74-09788	7-18	5C
W74-09552	7-18	3E	W74-09631	7-18	5B	W74-09710	7-18	3 5D	W74-09789	7-18	5C
W74-09553	7-18		W74-09632	7-18	8B	W74-09711	7-18	3 5D	W74-09790	7-18	5C
W74-09554	7-18		W74-09633	7-18	5D	W74-09712	7-18	3 5D	W74-09791	7-18	5 B
W74-09555	7-18		W74-09634	7-18	5D	W74-09713	7-18	3 5D	W74-09792	7-18	5A
W74-09556			W74-09635	7-18	5D	W74-09714			W74-09793	7-18	5C
W74-09557			W74-09636	7-18	5F	W74-09715			W74-09794	7-18	8C
W74-09558			W74-09637	7-18		W74-09716			W74-09795		

			*****	~	**	13/74 00054	7.10	***	W74-10033	7-19	5A
W74-09796	7-18	3C	W74-09875	7-19	5D	W74-09954	7-19	5C			
W74-09797	7-18	2G	W74-09876	7-19	5B	W74-09955	7-19	5C	W74-10034	7-19	8A
W74-09798	7-18	3F	W74-09877	7-19	5B	W74-09956	7-19	5C	W74-10035	7-19	5D
W74-09799	7-18	3F	W74-09878	7-19	5B	W74-09957	7-19	5C	W74-10036	7-19	3A
			W74-09879	7-19	5B	W74-09958	7-19	5C	W74-10037	7-19	5D
W74-09800	7-18	3F									
W74-09801	7-19	2H	W74-09880	7-19	5B	W74-09959	7-19	5C	W74-10038	7-19	5D
W74-09802	7-19	6B	W74-09881	7-19	5E	W74-09960	7-19	5C	W74-10039	7-19	5D
W74-09803	7-19	2A	W74-09882	7-19	2F	W74-09961	7-19	2F	W74-10040	7-19	21
							7-19	5D	W74-10041	7-19	5D
W74-09804	7-19	2D	W74-09883	7-19	5B	W74-09962					
W74-09805	7-19	2K	W74-09884	7-19	2F	W74-09963	7-19	5C	W74-10042	7-19	7B
W74-09806	7-19	2K	W74-09885	7-19	2F	W74-09964	7-19	5C	W74-10043	7-19	5D
W74-09807	7-19	6B	W74-09886	7-19	2E	W74-09965	7-19	4A	W74-10044	7-19	3F
						W74-09966	7-19	4A	W74-10045	7-19	21
W74-09808	7-19	6D	W74-09887	7-19	2F						
W74-09809	7-19	5A	W74-09888	7-19	5D	W74-09967	7-19	4A	W74-10046	7-19	5D
W74-09810	7-19	5C	W74-09889	7-19	5C	W74-09968	7-19	4A	W74-10047	7-19	21
		5D	W74-09890	7-19	2H	W74-09969	7-19	4A	W74-10048	7-19	7B
W74-09811	7-19					W74-09970			W74-10049	7-19	5A
W74-09812	7-19	2G	W74-09891	7-19	2L		7-19	4A			
W74-09813	7-19	2G	W74-09892	7-19	2K	W74-09971	7-19	4A	W74-10050	7-19	2H
W74-09814	7-19	3F	W74-09893	7-19	2E	W74-09972	7-19	йA	W74-10051	7-19	5D
	7-19	3F	W74-09894	7-19	2K	W74-09973	7-19	5D	W74-10052	7-19	2E
W74-09815									W74-10053	7-19	6A
W74-09816	7-19	2G	W74-09895	7-19	2K	W74-09974	7-19	6E			
W74-09817	7-19	4A	W74-09896	7-19	5A	W74-09975	7-19	6E	W74-10054	7-19	2F
W74-09818	7-19	3F	W74-09897	7-19	5A	W74-09976	7-19	6E	W74-10055	7-19	6E
				7-19	2B	W74-09977	7-19	2J	W74-10056	7-19	6E
W74-09819	7-19	3F	W74-09898								6E
W74-09820	7-19	3F	W74-09899	7-19	7B	W74-09978	7-19	6D	W74-10057	7-19	
W74-09821	7-19	3C	W74-09900	7-19	2F	W74-09979	7-19	6E	W74-10058	7-19	5G
W74-09822	7-19	3F	W74-09901	7-19	2G	W74-09980	7-19	6E	W74-10059	7-19	5G
						W74-09981	7-19	6E	W74-10060	7-19	5G
W74-09823	7-19	5B	W74-09902	7-19	2G						
W74-09824	7-19	5B	W74-09903	7-19	2C	W74-09982	7-19	5G	W74-10061	7-19	6E
W74-09825	7-19	2F	W74-09904	7-19	2.J	W74-09983	7-19	5G	W74-10062	7-19	5G
W74-09826	7-19	21	W74-09905	7-19	2J	W74-09984	7-19	6E	W74-10063	7-19	6E
							7-19		W74-10064	7-19	6B
W74-09827	7-19	5C	W74-09906	7-19	7C	W74-09985		6E			
W74-09828	7-19	5C	W74-09907	7-19	2A	W74-09986	7-19	6E	W74-10065	7-19	6E
W74-09829	7-19	5D	W74-09908	7-19	4A	W74-09987	7-19	6E	W74-10066	7-19	6E
			W74-09909	7-19	2E	W74-09988	7-19	6E	W74-10067	7-19	6E
W74-09830	7-19	5A								7-19	6E
W74-09831	7-19	5C	W74-09910	7-19	4C	W74-09989	7-19	6E	W74-10068		
W74-09832	7-19	5B	W74-09911	7-19	4C	W74-09990	7-19	6E	W74-10069	7-19	5G
W74-09833	7-19	5A	W74-09912	7-19	2E	W74-09991	7-19	6E	W74-10070	7-19	5G
					6G	W74-09992	7-19	6E	W74-10071	7-19	5G
W74-09834	7-19	5A	W74-09913	7-19							
W74-09835	7-19	5A	W74-09914	7-19	2K	W74-09993	7-19	5E	W74-10072	7-19	5D
W74-09836	7-19	5C	W74-09915	7-19	2K	W74-09994	7-19	2H	W74-10073	7-19	5G
		5C	W74-09916	7-19	2K	W74-09995	7-19	5G	W74-10074	7-19	6E
W74-09837	7-19								W74-10075	7-19	6E
W74-09838	7-19	5B	W74-09917	7-19	5B	W74-09996	7-19	6E			
W74-09839	7-19	5D	W74-09918	7-19	23	W74-09997	7-19	6E	W74-10076	7-19	6E
W74-09840	7-19	5A	W74-09919	7-19	2E	W74-09998	7-19	5G	W74-10077	7-19	6E
						W74-09999	7-19	5G	W74-10078	7-19	6E
W74-09841	7-19	5A	W74-09920	7-19	5D						
W74-09842	7-19	5A	W74-09921	7-19	5B	W74-10000	7-19	5G	W74-10079	7-19	6E
W74-09843	7-19	5A	W74-09922	7-19	5D	W74-10001	7-19	5G	W74-10080	7-19	6B
			W74-09923	7-19	5D	W74-10002	7-19	5C	W74-10081	7-19	5D
W74-09844	7-19	5A								7-19	5G
W74-09845	7-19	5A	W74-09924	7-19	5D	W74-10003	7-19	6E	W74-10082		
W74-09846	7-19	5A	W74-09925	7-19	5D	W74-10004	7-19	6E	W74-10083	7-19	6E
W74-09847	7-19	5A	W74-09926	7-19	8I	W74-10005	7-19	6E	W74-10084	7-19	5B
				7-19	2B	W74-10006	7-19	6E	W74-10085	7-19	8G
W74-09848	7-19	5A	W74-09927								8G
W74-09849	7-19	5A	W74-09928	7-19	2B	W74-10007	7-19	6E	W74-10086	7-19	
W74-09850	7-19	5A	W74-09929	7-19	5B	W74-10008	7-19	6E	W74-10087	7-19	4B
W74-09851	7-19	5A	W74-09930	7-19	2C	W74-10009	7-19	6E	W74-10088	7-19	8E
			W74-09931	7-19	2G	W74-10010	7-19	6E	W74-10089	7-19	8E
W74-09852	7-19	5A									
W74-09853	7-19	5A	W74-09932	7-19	2C	W74-10011	7-19	6E	W74-10090	7-19	8G
W74-09854	7-19	5A	W74-09933	7-19	7B	W74-10012	7-19	5G	W74-10091	7-19	8G
W74-09855	7-19	5A	W74-09934	7-19	2A	W74-10013	7-19	5G	W74-10092	7-19	8B
				7-19	2.1	W74-10014	7-19	5F	W74-10093	7-19	8B
W74-09856	7-19	5A	W74-09935								
W74-09857	7-19	5A	W74-09936	7-19	2F	W74-10015	7-19	5D	W74-10094	7-19	8B
W74-09858	7-19	5A	W74-09937	7-19	2E	W74-10016	7-19	5D	W74-10095	7-19	
W74-09859	7-19	5A	W74-09938	7-19	2E	W74-10017	7-19	5D	W74-10096	7-19	8G
						W74-10018	7-19		W74-10097	7-19	
W74-09860	7-19	2K	W74-09939	7-19	2E						
W74-09861	7-19	5A	W74-09940	7-19	4A	W74-10019	7-19	8A	W74-10098	7-19	
W74-09862	7-19	5C	W74-09941	7-19	2C	W74-10020	7-19	5D	W74-10099	7-19	8B
	7-19	5B	W74-09942	7-19	2C	W74-10021	7-19		W74-10100	7-19	
W74-09863									W74-10101	7-19	
W74-09864	7-19		W74-09943	7-19	2C	W74-10022	7-19				
W74-09865	7-19	5C	W74-09944	7-19	4A	W74-10023	7-19	8C	W74-10102	7-19	
W74-09866	7-19		W74-09945	7-19	4A	W74-10024	7-19	5D	W74-10103	7-19	8C
						W74-10025	7-19		W74-10104	7-19	
W74-09867	7-19	5C	W74-09946	7-19	2L						
W74-09868	7-19	5D	W74-09947	7-19	8H	W74-10026	7-19		W74-10105	7-19	
W74-09869	7-19		W74-09948	7-19	8A	W74-10027	7-19	5D	W74-10106	7-19	6E
W74-09870	7-19		W74-09949	7-19	6D	W74-10028	7-19		W74-10107	7-19	
									W74-10108	7-19	
W74-09871	7-19		W74-09950	7-19	5B	W74-10029	7-19				
W74-09872	7-19	5C	W74-09951	7-19	6E	W74-10030	7-19		W74-10109	7-19	
W74-09873			W74-09952			W74-10031	7-19	5D	W74-10110	7-19	5G
			W74-09953			W74-10032			W74-10111	7-19	
W74-09874	7-19	5D	11 /4-09933	7-19	30	77-10032	,-19				-

W74-10112	7-19	5A	W74-10191	7-19	5 B	W74-10270	7-19	5A		7-19	5D
W74-10113	7-19	5G	W74-10192	7-19	5D	W74-10271	7-19	6B	W74-10350	7-19	5D
W74-10114	7-19	5A	W74-10193	7-19	5D	W74-10272	7-19	6E	W74-10351	7-20	4C
W74-10115	7-19	5A	W74-10194	7-19	5D	W74-10273	7-19	4B	W74-10352	7-20	5B
W74-10116	7-19	5D	W74-10195	7-19	5B	W74-10274	7-19	5D	W74-10353	7-20	7C
W74-10117	7-19	5E	W74-10196	7-19	5B	W74-10275	7-19	5D	W74-10354	7-20	5G
			W74-10197	7-19	5D	W74-10276	7-19	SD	W74-10355	7-20	5D
W74-10118	7-19	5B							W74-10356		
W74-10119	7-19	6G	W74-10198	7-19	5D	W74-10277	7-19	4A		7-20	8E
W74-10120	7-19	5A	W74-10199	7-19	5D	W74-10278	7-19	5B	W74-10357	7-20	5D
W74-10121	7-19	5A	W74-10200	7-19	5B	W74-10279	7-19	6E	W74-10358	7-20	8B
W74-10122	7-19	6G	W74-10201	7-19	5D	W74-10280	7-19	5D	W74-10359	7-20	2B
W74-10123	7-19	5B	W74-10202	7-19	5G	W74-10281	7-19	5D	W74-10360	7-20	5D
W74-10124	7-19	5D	W74-10203	7-19	5B	W74-10282	7-19	5G	W74-10361	7-20	2L
	7-19	5A	W74-10204	7-19	5C	W74-10283	7-19	5D	W74-10362	7-20	7C
W74-10125											
W74-10126	7-19	5C	W74-10205	7-19	2G	W74-10284	7-19	5E	W74-10363	7-20	4B
W74-10127	7-19	5B	W74-10206	7-19	2G	W74-10285	7-19	2J	W74-10364	7-20	2J
W74-10128	7-19	5D	W74-10207	7-19	5A	W74-10286	7-19	5D	W74-10365	7-20	5B
W74-10129	7-19	5E	W74-10208	7-19	2F	W74-10287	7-19	5D	W74-10366	7-20	2J
W74-10130	7-19	5D	W74-10209	7-19	2G	W74-10288	7-19	5D	W74-10367	7-20	2J
W74-10131	7-19	5A	W74-10210	7-19	2J	W74-10289	7-19	5D	W74-10368	7-20	23
W74-10132	7-19	5D	W74-10211	7-19	2G	W74-10290	7-19	5D	W74-10369	7-20	2.J
										7-20	2L
W74-10133	7-19	5D	W74-10212	7-19	5B	W74-10291	7-19	5D	W74-10370		
W74-10134	7-19	5D	W74-10213	7-19	2G	W74-10292	7-19	3C	W74-10371	7-20	23
W74-10135	7-19	5D	W74-10214	7-19	5A	W74-10293	7-19	5D	W74-10372	7-20	2L
W74-10136	7-19	5C	W74-10215	7-19	2C	W74-10294	7-19	5C	W74-10373	7-20	2J
W74-10137	7-19	5D	W74-10216	7-19	2C	W74-10295	7-19	5B	W74-10374	7-20	2J
W74-10138	7-19	5A	W74-10217	7-19	2G	W74-10296	7-19	5C	W74-10375	7-20	23
						W74-10297				7-20	2.1
W74-10139	7-19	5G	W74-10218	7-19	2D		7-19	5D	W74-10376		
W74-10140	7-19	5D	W74-10219	7-19	8B	W74-10298	7-19	5D	W74-10377	7-20	2C
W74-10141	7-19	5D	W74-10220	7-19	2E	W74-10299	7-19	5D	W74-10378	7-20	3E
W74-10142	7-19	5D	W74-10221	7-19	2C	W74-10300	7-19	5D	W74-10379	7-20	5B
W74-10143	7-19	5B	W74-10222	7-19	2E	W74-10301	7-19	5D	W74-10380	7-20	2K
W74-10144	7-19	5D	W74-10223	7-19	4B	W74-10302	7-19	5D	W74-10381	7-20	5B
											2J
W74-10145	7-19	5D	W74-10224	7-19	3C	W74-10303	7-19	5D	W74-10382	7-20	
W74-10146	7-19	5D	W74-10225	7-19	4A	W74-10304	7-19	5D	W74-10383	7-20	2J
W74-10147	7-19	5B	W74-10226	7-19	2H	W74-10305	7-19	5D	W74-10384	7-20	2J
W74-10148	7-19	5D	W74-10227	7-19	2D	W74-10306	7-19	5D	W74-10385	7-20	2C
W74-10149	7-19	5D	W74-10228	7-19	2J	W74-10307	7-19	5D	W74-10386	7-20	81
W74-10150	7-19	5D	W74-10229	7-19	2H	W74-10308	7-19	5D	W74-10387	7-20	5C
						W74-10309	7-19	5D	W74-10388	7-20	81
W74-10151	7-19	5D	W74-10230	7-19	4A						
W74-10152	7-19	5D	W74-10231	7-19	5G	W74-10310	7-19	5D	W74-10389	7-20	5C
W74-10153	7-19	5D	W74-10232	7-19	3B	W74-10311	7-19	5D	W74-10390	7-20	2J
W74-10154	7-19	5D	W74-10233	7-19	3B	W74-10312	7-19	5D	W74-10391	7-20	3F
W74-10155	7-19	5D	W74-10234	7-19	3B	W74-10313	7-19	2I	W74-10392	7-20	8A
W74-10156	7-19	5D	W74-10235	7-19	4C	W74-10314	7-19	8B	W74-10393	7-20	6B
						W74-10315	7-19	8B	W74-10394	7-20	5C
W74-10157	7-19	5D	W74-10236	7-19	5D						
W74-10158	7-19	5D	W74-10237	7-19	5B	W74-10316	7-19	8B	W74-10395	7-20	5D
W74-10159	7-19	5D	W74-10238	7-19	2G	W74-10317	7-19	8B	W74-10396	7-20	5D
W74-10160	7-19	5D	W74-10239	7-19	3B	W74-10318	7-19	5C	W74-10397	7-20	6A
W74-10161	7-19	5D	W74-10240	7-19	5B	W74-10319	7-19	8A	W74-10398	7-20	5G
W74-10162	7-19	5D	W74-10241	7-19	2B	W74-10320	7-19	8B	W74-10399	7-20	2B
			W74-10242	7-19	6G	W74-10321	7-19	3F	W74-10400	7-20	2B
W74-10163	7-19	5D			9(3)					7-20	2B
W74-10164	7-19	5D	W74-10243	7-19	8H	W74-10322	7-19	6A	W74-10401		
W74-10165	7-19	5D	W74-10244	7-19	5B	W74-10323	7-19	4A	W74-10402	7-20	8F
W74-10166	7-19	5D	W74-10245	7-19	2G	W74-10324	7-19	21	W74-10403	7-20	8G
W74-10167	7-19	5D	W74-10246	7-19	2G	W74-10325	7-19	4B	W74-10404	7-20	3A
W74-10168	7-19	5D	W74-10247	7-19	2L	W74-10326	7-19	3F	W74-10405	7-20	3A
W74-10169	7-19	5D	W74-10248	7-19	5G	W74-10327	7-19	3F	W74-10406	7-20	5G
			W74-10249	7-19	5D	W74-10328		3C	W74-10407	7-20	2J
W74-10170	7-19	5D				W74-10329		5B	W74-10408	7-20	4B
W74-10171	7-19	5D	W74-10250	7-19	2F						
W74-10172	7-19	5D	W74-10251	7-19	7B	W74-10330		5B	W74-10409	7-20	2E
W74-10173	7-19	5D	W74-10252	7-19	7B	W74-10331		3F	W74-10410	7-20	2F
W74-10174	7-19	5D	W74-10253	7-19	3B	W74-10332	7-19	7B	W74-10411	7-20	5A
W74-10175	7-19	5D	W74-10254	7-19	3B	W74-10333	7-19	3F	W74-10412	7-20	10B
W74-10176	7-19	5D	W74-10255	7-19	3B	W74-10334			W74-10413	7-20	5D
			W74-10256	7-19	7A	W74-10335			W74-10414	7-20	6B
W74-10177	7-19	5D							W74-10415	7-20	5D
W74-10178	7-19	5D	W74-10257	7-19	2J	W74-10336					
W74-10179	7-19	5D	W74-10258	7-19	2E	W74-10337			W74-10416	7-20	6B
W74-10180	7-19	5D	W74-10259	7-19	2E	W74-10338			W74-10417	7-20	6F
W74-10181	7-19	5D	W74-10260	7-19	2E	W74-10339			W74-10418	7-20	5C
W74-10182	7-19	5D	W74-10261	7-19	2E	W74-10340		3F	W74-10419	7-20	5B
W74-10183	7-19	5D	W74-10262	7-19	23	W74-10341			W74-10420	7-20	3C
				7-19	4A	W74-10342			W74-10421	7-20	21
W74-10184	7-19	5D	W74-10263						W74-10422	7-20	5C
W74-10185	7-19	5D	W74-10264	7-19	2C	W74-10343					
W74-10186	7-19	5D	W74-10265	7-19	2G	W74-10344			W74-10423	7-20	5D
W74-10187	7-19	5D	W74-10266	7-19	2C	W74-10345			W74-10424	7-20	2C
W74-10188	7-19	5B	W74-10267	7-19	81	W74-10346	7-19	5B	W74-10425	7-20	3F
W74-10189	7-19	5D	W74-10268	7-19	7C	W74-10347	7-19	5D	W74-10426	7-20	8B
W74-10190	7-19	5A	W74-10269	7-19		W74-10348			W74-10427	7-20	8B
** /4-10190	1-13	J.A.	177-10209								

W/4-10420			
W74-10428 7-20 2C	W74-10507 7-20 6E	W74-10586 7-20 5D	W74-10665 7-20 5E
W74-10429 7-20 5B	W74-10508 7-20 6E	W74-10587 7-20 5G	W74-10666 7-20 5A
W74-10430 7-20 4A	W74-10509 7-20 6E	W74-10588 7-20 3A W74-10589 7-20 3F	W74-10667 7-20 2K W74-10668 7-20 2D
W74-10431 7-20 2L	W74-10510 7-20 6E W74-10511 7-20 6E	W74-10590 7-20 8B	W74-10669 7-20 2J
W74-10432 7-20 4A W74-10433 7-20 2B	W74-10512 7-20 6E	W74-10591 7-20 5G	W74-10670 7-20 5D
W74-10434 7-20 5B	W74-10513 7-20 5B	W74-10592 7-20 2G	W74-10671 7-20 7C
W74-10435 7-20 8B	W74-10514 7-20 5D	W74-10593 7-20 5D	W74-10672 7-20 2J W74-10673 7-20 2H
W74-10436 7-20 7C	W74-10515 7-20 6E	W74-10594 7-20 8A W74-10595 7-20 5G	W74-10673 7-20 2H W74-10674 7-20 2B
W74-10437 7-20 5G W74-10438 7-20 5A	W74-10516 7-20 6E W74-10517 7-20 7B	W74-10596 7-20 3A	W74-10675 7-20 3B
W74-10438 7-20 5C	W74-10518 7-20 5G	W74-10597 7-20 6D	W74-10676 7-20 5B
W74-10440 7-20 2J	W74-10519 7-20 6E	W74-10598 7-20 5C	W74-10677 7-20 2F
W74-10441 7-20 5D	W74-10520 7-20 6E	W74-10599 7-20 5F W74-10600 7-20 3F	W74-10678 7-20 2L W74-10679 7-20 2B
W74-10442 7-20 4B	W74-10521 7-20 6E W74-10522 7-20 6E	W74-10600 7-20 3F W74-10601 7-20 2I	W74-10680 7-20 8E
W74-10443 7-20 4A W74-10444 7-20 5D	W74-10523 7-20 4A	W74-10602 7-20 6G	W74-10681 7-20 2C
W74-10445 7-20 5D	W74-10524 7-20 3F	W74-10603 7-20 4A	W74-10682 7-20 4A
W74-10446 7-20 8I	W74-10525 7-20 5D	W74-10604 7-20 3F	W74-10683 7-20 5A W74-10684 7-20 4A
W74-10447 7-20 5A	W74-10526 7-20 5C W74-10527 7-20 6E	W74-10605 7-20 5A W74-10606 7-20 2A	W74-10684 7-20 4A W74-10685 7-20 4B
W74-10448 7-20 5A W74-10449 7-20 5A	W74-10527 7-20 6E W74-10528 7-20 5D	W74-10607 7-20 2G	W74-10686 7-20 5B
W74-10450 7-20 8C	W74-10529 7-20 6F	W74-10608 7-20 5B	W74-10687 7-20 3B
W74-10451 7-20 5D	W74-10530 7-20 4B	W74-10609 7-20 5D	W74-10688 7-20 3B
W74-10452 7-20 8F	W74-10531 7-20 5B	W74-10610 7-20 5G	W74-10689 7-20 3B W74-10690 7-20 6B
W74-10453 7-20 4A	W74-10532 7-20 5C W74-10533 7-20 2F	W74-10611 7-20 8B W74-10612 7-20 8A	W74-10690 7-20 6B W74-10691 7-20 5F
W74-10454 7-20 5D W74-10455 7-20 8A	W74-10533 7-20 2F W74-10534 7-20 5B	W74-10613 7-20 8A	W74-10692 7-20 5B
W74-10456 7-20 4D	W74-10535 7-20 5C	W74-10614 7-20 5D	W74-10693 7-20 5G
W74-10457 7-20 8B	W74-10536 7-20 2C	W74-10615 7-20 5B	W74-10694 7-20 5G
W74-10458 7-20 8C	W74-10537 7-20 4B	W74-10616 7-20 5A	W74-10695 7-20 7C W74-10696 7-20 4A
W74-10459 7-20 5B	W74-10538 7-20 5B W74-10539 7-20 5D	W74-10617 7-20 5A W74-10618 7-20 2L	W74-10697 7-20 6E
W74-10460 7-20 4C W74-10461 7-20 5B	W74-10539 7-20 5D W74-10540 7-20 5D	W74-10619 7-20 5B	W74-10698 7-20 5G
W74-10462 7-20 5D	W74-10541 7-20 5C	W74-10620 7-20 5D	W74-10699 7-20 6E
W74-10463 7-20 5D	W74-10542 7-20 5D	W74-10621 7-20 5G	W74-10700 7-20 6E
W74-10464 7-20 5A	W74-10543 7-20 5D	W74-10622 7-20 2L	W74-10701 7-20 6E W74-10702 7-20 6E
W74-10465 7-20 5D	W74-10544 7-20 5D W74-10545 7-20 5D	W74-10623 7-20 3B W74-10624 7-20 5G	W74-10703 7-20 6E
W74-10466 7-20 5D W74-10467 7-20 5D	W74-10546 7-20 5B	W74-10625 7-20 2C	W74-10704 7-20 6E
W74-10468 7-20 5D	W74-10547 7-20 5A	W74-10626 7-20 4C	W74-10705 7-20 6E
W74-10469 7-20 5D	W74-10548 7-20 5C	W74-10627 7-20 4C	W74-10706 7-20 6E
W74-10470 7-20 5D	W74-10549 7-20 6E	W74-10628 7-20 4A W74-10629 7-20 4C	W74-10707 7-20 5G W74-10708 7-20 5G
W74-10471 7-20 5D	W74-10550 7-20 6B W74-10551 7-20 5D	W74-10629 7-20 4C W74-10630 7-20 4C	W74-10709 7-20 5G
W74-10472 7-20 5D W74-10473 7-20 5D	W74-10552 7-20 5D	W74-10631 7-20 4C	W74-10710 7-20 5G
W74-10474 7-20 5D	W74-10553 7-20 5B	W74-10632 7-20 5B	W74-10711 7-20 5G
W74-10475 7-20 5D	W74-10554 7-20 5D	W74-10633 7-20 4C	W74-10712 7-20 5G
W74-10476 7-20 5D	W74-10555 7-20 5D W74-10556 7-20 5F	W74-10634 7-20 4A W74-10635 7-20 2E	W74-10713 7-20 5A W74-10714 7-20 6E
W74-10477 7-20 5D W74-10478 7-20 5D	W74-10556 7-20 5F W74-10557 7-20 5D	W74-10636 7-20 8B	W74-10715 7-20 6E
W74-10479 7-20 5D	W74-10558 7-20 5C	W74-10637 7-20 2J	W74-10716 7-20 6E
W74-10480 7-20 5D	W74-10559 7-20 5D	W74-10638 7-20 5B	W74-10717 7-20 6E
W74-10481 7-20 5D	W74-10560 7-20 6B	W74-10639 7-20 3B	W74-10718 7-20 5G W74-10719 7-20 6E
W74-10482 7-20 8A W74-10483 7-20 5D	W74-10561 7-20 5C W74-10562 7-20 5D	W74-10640 7-20 7C W74-10641 7-20 2G	W74-10719 7-20 6E
W74-10483 7-20 5D W74-10484 7-20 7B	W74-10563 7-20 5C	W74-10642 7-20 5C	W74-10721 7-20 5G
W74-10485 7-20 5A	W74-10564 7-20 5G	W74-10643 7-20 2G	W74-10722 7-20 5G
W74-10486 7-20 5D	W74-10565 7-20 5D	W74-10644 7-20 2C	W74-10723 7-20 6E
W74-10487 7-20 5D	W74-10566 7-20 5G	W74-10645 7-20 4B W74-10646 7-20 5B	W74-10724 7-20 6E W74-10725 7-20 5A
W74-10488 7-20 8C W74-10489 7-20 5D	W74-10567 7-20 5F W74-10568 7-20 4A	W74-10646 7-20 5B W74-10647 7-20 4B	W74-10726 7-20 5D
W74-10489 7-20 5D W74-10490 7-20 8C	W74-10569 7-20 4B	W74-10648 7-20 7B	W74-10727 7-20 6E
W74-10491 7-20 8A	W74-10570 7-20 4A	W74-10649 7-20 7B	W74-10728 7-20 6E
W74-10492 7-20 5D	W74-10571 7-20 5C	W74-10650 7-20 2E	W74-10729 7-20 6E
W74-10493 7-20 5D	W74-10572 7-20 2B	W74-10651 7-20 5B W74-10652 7-20 5B	W74-10730 7-20 2I W74-10731 7-20 5G
W74-10494 7-20 5D W74-10495 7-20 5D	W74-10573 7-20 5D W74-10574 7-20 8A	W74-10652 7-20 3B W74-10653 7-20 2E	W74-10732 7-20 6E
W74-10495 7-20 5D	W74-10575 7-20 5D	W74-10654 7-20 5A	W74-10733 7-20 6E
W74-10497 7-20 5D	W74-10576 7-20 7A	W74-10655 7-20 5B	W74-10734 7-20 6E
W74-10498 7-20 5D	W74-10577 7-20 5D	W74-10656 7-20 5C	W74-10735 7-20 5G
W74-10499 7-20 8A	W74-10578 7-20 2C W74-10579 7-20 5G	W74-10657 7-20 2G W74-10658 7-20 5B	W74-10736 7-20 6E W74-10737 7-20 6E
W74-10500 7-20 6E W74-10501 7-20 6E	W74-10579 7-20 5G W74-10580 7-20 5G	W74-10659 7-20 2E	W74-10738 7-20 6E
W74-10502 7-20 5G	W74-10581 7-20 5F	W74-10660 7-20 4C	W74-10739 7-20 3F
W74-10503 7-20 5B	W74-10582 7-20 5D	W74-10661 7-20 4A	W74-10740 7-20 3F
W74-10504 7-20 6E	W74-10583 7-20 5D	W74-10662 7-20 5B	W74-10741 7-20 3F W74-10742 7-20 5G
W74-10505 7-20 5G W74-10506 7-20 6E	W74-10584 7-20 5D W74-10585 7-20 5D	W74-10663 7-20 8E W74-10664 7-20 5B	W74-10743 7-20 4A
W74-10506 7-20 6E	W 74-10363 7-20 3D	W/4-10004 /-20 3D	11.10.10 120 41

W74-10744	7-20	3F	W74-10823	7-20	2G	W74-10902	7-21	5B	W74-10981	7-21	5F
W74-10745	7-20	3F	W74-10824	7-20	5D	W74-10903	7-21	5D	W74-10982	7-21	5F
W74-10746	7-20	3F	W74-10825	7-20 7-20	5D 2E	W74-10904 W74-10905	7-21 7-21	2A 5D	W74-10983 W74-10984	7-21 7-21	5B 5A
W74-10747 W74-10748	7-20 7-20	3F 3F	W74-10826 W74-10827	7-20	5B	W74-10906	7-21	5C	W74-10985	7-21	5A
W74-10749	7-20	7B	W74-10828	7-20	8G	W74-10907	7-21	5B	W74-10986	7-21	5A
W74-10750	7-20	3F	W74-10829	7-20	2G	W74-10908	7-21	5B	W74-10987	7-21	5B
W74-10751	7-20	3F	W74-10830	7-20	5C	W74-10909	7-21	5F	W74-10988	7-21	5B 5D
W74-10752	7-20 7-20	3F 3F	W74-10831 W74-10832	7-20 7-20	8C 4B	W74-10910 W74-10911	7-21	8C 5G	W74-10989 W74-10990	7-21	5D
W74-10753 W74-10754	7-20	3F	W74-10832	7-20	8C	W74-10912	7-21	5G	W74-10991	7-21	5A
W74-10755	7-20	3F	W74-10834	7-20	8E	W74-10913	7-21	2G	W74-10992	7-21	5D
W74-10756	7-20	3F	W74-10835	7-20	8E	W74-10914	7-21	5D	W74-10993 W74-10994	7-21 7-21	5D
W74-10757 W74-10758	7-20 7-20	3F 2D	W74-10836 W74-10837	7-20 7-20	8G 8G	W74-10915 W74-10916	7-21	5D 4A	W74-10994 W74-10995	7-21	5A 5A
W74-10759	7-20	3F	W74-10838	7-20	8G	W74-10917	7-21	5D	W74-10996	7-21	5A
W74-10760	7-20	3C	W74-10839	7-20	8G	W74-10918	7-21	5B	W74-10997	7-21	5B
W74-10761	7-20	3F	W74-10840	7-20	8C	W74-10919	7-21	8A	W74-10998	7-21	5B
W74-10762 W74-10763	7-20 7-20	5C 2H	W74-10841 W74-10842	7-20 7-20	8C 8C	W74-10920 W74-10921	7-21 7-21	8A 5D	W74-10999 W74-11000	7-21	5B 5A
W74-10764	7-20	4A	W74-10843	7-20	8G	W74-10922	7-21	5C	W74-11001	7-21	5A
W74-10765	7-20	5G	W74-10844	7-20	8G	W74-10923	7-21	5A	W74-11002	7-21	5A
W74-10766	7-20	5G	W74-10845	7-20	8C	W74-10924	7-21	5B	W74-11003	7-21	5A
W74-10767 W74-10768	7-20 7-20	5G 5G	W74-10846 W74-10847	7-20 7-20	8G 8C	W74-10925 W74-10926	7-21 7-21	5D 5D	W74-11004 W74-11005	7-21 7-21	5A 5A
W74-10769	7-20	5G	W74-10848	7-20	8C	W74-10927	7-21	5D	W74-11006	7-21	5C
W74-10770	7-20	5G	W74-10849	7-20	8F	W74-10928	7-21	5D	W74-11007	7-21	5A
W74-10771	7-20	5G	W74-10850	7-20	2F	W74-10929	7-21	5D	W74-11008	7-21	5A
W74-10772	7-20	5G	W74-10851	7-20	4B 2J	W74-10930 W74-10931	7-21	5C 8B	W74-11009 W74-11010	7-21	8A 5A
W74-10773 W74-10774	7-20 7-20	5G 5G	W74-10852 W74-10853	7-20 7-20	8F	W74-10932	7-21	5D	W74-11011	7-21	2J
W74-10775	7-20	5D	W74-10854	7-20	8C	W74-10933	7-21	5D	W74-11012	7-21	5B
W74-10776	7-20	5G	W74-10855	7-20	8C	W74-10934	7-21	5G	W74-11013	7-21	2G
W74-10777	7-20	5A	W74-10856	7-20	8C	W74-10935	7-21 7-21	5D	W74-11014 W74-11015	7-21	2G 2G
W74-10778 W74-10779	7-20 7-20	5D 5G	W74-10857 W74-10858	7-20 7-20	8C 4B	W74-10936 W74-10937	7-21	5A 2A	W74-11015	7-21	7B
W74-10780	7-20	5G	W74-10859	7-20	8F	W74-10938	7-21	5C	W74-11017	7-21	2F
W74-10781	7-20	5G	W74-10860	7-20	8A	W74-10939	7-21	3F	W74-11018	7-21	2F
W74-10782	7-20	5G	W74-10861	7-20	2F	W74-10940	7-21	SC an	W74-11019	7-21	2F
W74-10783	7-20 7-20	5G 5C	W74-10862 W74-10863	7-20 7-20	4B 8G	W74-10941 W74-10942	7-21 7-21	2B 5D	W74-11020 W74-11021	7-21 7-21	2F 2E
W74-10784 W74-10785	7-20	5C	W74-10864	7-20	5D	W74-10943	7-21	5D	W74-11022	7-21	8B
W74-10786	7-20	5C	W74-10865	7-20	5B	W74-10944	7-21	5F	W74-11023	7-21	4B
W74-10787	7-20	5C	W74-10866	7-20	5B	W74-10945	7-21	5D	W74-11024	7-21	2F
W74-10788	7-20	5C	W74-10867 W74-10868	7-20 7-20	5B 8A	W74-10946 W74-10947	7-21	5D 5A	W74-11025 W74-11026	7-21	4A 2L
W74-10789 W74-10790	7-20 7-20	5B 2D	W74-10869	7-20	5B	W74-10948	7-21	5A	W74-11027	7-21	5D
W74-10791	7-20	5C	W74-10870	7-20	5B	W74-10949	7-21	5A	W74-11028	7-21	5D
W74-10792	7-20	5C	W74-10871	7-20	5B	W74-10950	7-21	5A	W74-11029	7-21	5D
W74-10793	7-20	5C	W74-10872 W74-10873	7-20 7-20	4B 4B	W74-10951 W74-10952	7-21	5A 5A	W74-11030 W74-11031	7-21	2E 8B
W74-10794 W74-10795	7-20 7-20	5B 5C	W74-10874	7-20	6E	W74-10953	7-21	5A	W74-11032	7-21	3B
W74-10796	7-20	3F	W74-10875	7-20	6E	W74-10954	7-21	5A	W74-11033	7-21	7B
W74-10797	7-20	5B	W74-10876	7-20	6E	W74-10955	7-21	5B	W74-11034	7-21	8B
W74-10798	7-20	SC SC	W74-10877 W74-10878	7-20 7-20	6E 6E	W74-10956 W74-10957	7-21 7-21	5A 5A	W74-11035 W74-11036	7-21 7-21	8B 2L
W74-10799 W74-10800	7-20 7-20	5C 2H	W74-10879	7-20	3F	W74-10958	7-21	5D	W74-11037	7-21	5D
W74-10801	7-20	5C	W74-10880	7-20	2F	W74-10959	7-21	5A	W74-11038	7-21	6A
W74-10802	7-20	5C	W74-10881	7-20	3F	W74-10960	7-21	5F	W74-11039	7-21	3A
W74-10803	7-20	SC SC	W74-10882	7-20	3F 4A	W74-10961 W74-10962	7-21 7-21	5G 5D	W74-11040 W74-11041	7-21	5G 6A
W74-10804 W74-10805	7-20 7-20	5C 5C	W74-10883 W74-10884	7-20	2K	W74-10963	7-21	5B	W74-11042	7-21	6A
W74-10806	7-20	2D	W74-10885	7-20	5C	W74-10964	7-21	5B	W74-11043	7-21	2L
W74-10807	7-20	5B	W74-10886	7-20	5B	W74-10965	7-21	5A	W74-11044	7-21	SC.
W74-10808	7-20	SC SC	W74-10887	7-20	6B	W74-10966 W74-10967	7-21 7-21	5B 5A	W74-11045 W74-11046	7-21	SC SG
W74-10809 W74-10810	7-20 7-20	5C 5C	W74-10888 W74-10889	7-20 7-20	5D 5B	W74-10968	7-21	5B	W74-11046	7-21	5D
W74-10810	7-20	3F	W74-10890	7-20	5D	W74-10969	7-21	5B	W74-11048	7-21	3F
W74-10812	7-20	5C	W74-10891	7-20	5G	W74-10970		5G	W74-11049	7-21	8C
W74-10813	7-20	5D	W74-10892	7-20	5C	W74-10971	7-21	5D SA	W74-11050 W74-11051	7-21 7-21	3A 8C
W74-10814 W74-10815	7-20 7-20	5D 5D	W74-10893 W74-10894	7-20 7-20	5G 6D	W74-10972 W74-10973	7-21	5A 5B	W74-11051 W74-11052	7-21	5D
W74-10815	7-20	5D	W74-10895	7-20		W74-10974	7-21	5B	W74-11053	7-21	5D
W74-10817	7-20	5A	W74-10896	7-20	5G	W74-10975	7-21	5B	W74-11054	7-21	5G
W74-10818	7-20	5A	W74-10897	7-20		W74-10976		5D SD	W74-11055	7-21	5G
W74-10819 W74-10820	7-20 7-20	5A 5A	W74-10898 W74-10899	7-20 7-20		W74-10977 W74-10978	7-21 7-21	5B 5D	W74-11056 W74-11057	7-21	
W74-10820 W74-10821	7-20	8A	W74-10899	7-20		W74-10979		5D	W74-11058	7-21	
W74-10822	7-20		W74-10901	7-21		W74-10980	7-21	5A	W74-11059	7-21	5G

W74-11060	,											
W74-11060		5G	W74-11139	7-21	8B		74-11218	7-21	2C			SC SC
W74-11061		5G	W74-11140 W74-11141	7-21 7-21	4C 6E		74-11219	7-21 7-21	2C 2C			SC SC
W74-11062 W74-11063		5D 5D	W74-11141 W74-11142	7-21	6E		74-11221	7-21	2C			SC
W74-11064		5D	W74-11143	7-21	6E		74-11222	7-21	2F			SC .
W74-11065		5D	W74-11144	7-21	4A		74-11223	7-21 7-21	4B 5G			5B 5C
W74-11066		5D 2H	W74-11145 W74-11146	7-21 7-21	6G 6E		74-11224	7-21	5D			SC.
W74-11067 W74-11068	7-21 7-21	5C	W74-11147	7-21	6E		74-11226	7-21	2C			5C
W74-11069	7-21	5D	W74-11148	7-21	6E		/74-11227	7-21	81			SC SC
W74-11070	7-21	5D	W74-11149	7-21 7-21	6E 6E		/74-11228 /74-11229	7-21 7-21	5C 3B			5C
W74-11071 W74-11072	7-21 7-21	2E 3F	W74-11150 W74-11151	7-21	6E		74-11230	7-21	5A	W74-11309	7-21	5C
W74-11073	7-21	5D	W74-11152	7-21	6E		774-11231	7-21	8B			5C
W74-11074	7-21	5B	W74-11153	7-21	5D		774-11232 774-11233	7-21 7-21	8B 2J			5C 5C
W74-11075 W74-11076	7-21 7-21	SC SC	W74-11154 W74-11155	7-21 7-21	6E 6F		74-11234	7-21	2A	W74-11313		7B
W74-11077	7-21	5A	W74-11156	7-21	81		V74-11235	7-21	5D	W74-11314		5C
W74-11078	7-21	5A	W74-11157	7-21	5C		V74-11236	7-21	5C	W74-11315 W74-11316		5C 5C
W74-11079 W74-11080	7-21 7-21	5A 5D	W74-11158 W74-11159	7-21 7-21	6E 2K		V74-11237 V74-11238	7-21 7-21	5E 5C	W74-11317		5C
W74-11080	7-21	5D	W74-11160	7-21	5C		V74-11239	7-21	2H	W74-11318		5C
W74-11082	7-21	8A	W74-11161	7-21	5C		V74-11240		5B	W74-11319 W74-11320		5B 5C
W74-11083	7-21	5D	W74-11162	7-21 7-21	5C 8I		V74-11241 V74-11242	7-21 7-21	5D 5D	W74-11320 W74-11321		5C
W74-11084 W74-11085	7-21 7-21	5D 5D	W74-11163 W74-11164	7-21	5C		V74-11243		5D	W74-11322	7-21	5B
W74-11086	7-21	5D	W74-11165	7-21	5F		W74-11244		5D	W74-11323		5C
W74-11087	7-21	5C	W74-11166	7-21	5C		W74-11245 W74-11246		5B 5D	W74-11324 W74-11325		5C 5C
W74-11088 W74-11089	7-21 7-21	5D 5D	W74-11167 W74-11168	7-21 7-21	2H 2H		N 74-11246 N 74-11247		5D	W74-11326		5A
W74-11089	7-21	5D	W74-11169	7-21	2H		W74-11248		5D	W74-11327		5C
W74-11091	7-21	5D	W74-11170	7-21	2K		W74-11249		5D	W74-11328		5C 5C
W74-11092	7-21	5D	W74-11171 W74-11172	7-21 7-21	5B 2I		W74-11250 W74-11251		5D 5D	W74-11329 W74-11330		5B
W74-11093 W74-11094	7-21 7-21	5A 5A	W74-11172 W74-11173	7-21	2H		W74-11252		5A	W74-11331	7-21	5C
W74-11095	7-21	5D	W74-11174	7-21	5C		W74-11253		21	W74-11332		5B
W74-11096	7-21	5D	W74-11175	7-21	5F 5C		W74-11254 W74-11255		5D 5A	W74-11333 W74-11334	7-21 7-21	5C 5C
W74-11097 W74-11098	7-21 7-21	5D 5D	W74-11176 W74-11177	7-21 7-21	2D		W74-11256		5G	W74-11335	7-21	5C
W74-11099	7-21	5D	W74-11178	7-21		,	W74-11257	7 7-21	5A	W74-11336	7-21	5C
W74-11100	7-21	5D	W74-11179	7-21			W74-11258		5A 2G	W74-11337 W74-11338	7-21 7-21	5C 5C
W74-11101	7-21 7-21	5D 5G	W74-11180 W74-11181	7-21 7-21			W74-11259 W74-11260		5A	W74-11339	7-21	5C
W74-11102 W74-11103	7-21	5D	W74-11182	7-21			W74-1126		5D	W74-11340	7-21	5C
W74-11104	7-21	5D	W74-11183	7-21			W74-11262		5A	W74-11341 W74-11342	7-21 7-21	5C 5C
W74-11105	7-21	5D	W74-11184 W74-11185	7-21 7-21			W74-1126: W74-1126		3F 3F	W74-11343	7-21	5B
W74-11106 W74-11107	7-21 7-21	2K 5C	W74-11186				W74-1126		2G	W74-11344	7-21	5C
W74-11108	7-21	2G	W74-11187	7-21			W74-1126		2D	W74-11345	7-21	5B
W74-11109		5A	W74-11188				W74-1126 W74-1126		2D 2H	W74-11346 W74-11347	7-21 7-21	5C 5B
W74-11110 W74-11111	7-21	5A 2G	W74-11189 W74-11190				W74-1126			W74-11348	7-21	5G
W74-11112		2K	W74-11191				W74-1127			W74-11349	7-21	5A
W74-11113		5F	W74-11192				W74-1127 W74-1127			W74-11350 W74-11351	7-21 7-21	5A 5A
W74-11114 W74-11115		5D 5D	W74-11193 W74-11194				W74-1127			W74-11352	7-21	5C
W74-11116		5D	W74-11195		5A		W74-1127			W74-11353	7-21	5A
W74-11117		5F	W74-11196				W74-1127			W74-11354 W74-11355	7-21 7-21	5D 5A
W74-11118		5D 8A	W74-11197 W74-11198				W74-1127 W74-1127			W74-11356	7-21	3F
W74-11119 W74-11120		5A	W74-11199				W74-1127			W74-11357	7-21	5C
W74-11121	7-21	5A	W74-11200				W74-1127			W74-11358	7-21 7-21	5B 5D
W74-11122		5B	W74-11201 W74-11202				W74-1128 W74-1128			W74-11359 W74-11360	7-21	5C
W74-11123 W74-11124		5F 4C	W74-1120				W74-1128			W74-11361	7-21	5B
W74-11125			W74-1120	4 7-2	1 2G		W74-1128			W74-11362		5C
W74-11126	7-21	5D	W74-1120				W74-1128 W74-1128			W74-11363 W74-11364	7-21 7-21	5A 5A
W74-11127 W74-11128		6G 2H	W74-1120 W74-1120				W74-1128			W74-11365		5A
W74-11129			W74-1120				W74-1128	37 7-21	1 5C	W74-11366	7-21	5D
W74-11130	0 7-21	5A	W74-1120	9 7-2	1 8F		W74-1128			W74-11367		5B
W74-11131			W74-1121				W74-1128 W74-1129			W74-11368 W74-11369		5B 5C
W74-11133 W74-11133			W74-1121 W74-1121				W74-1129			W74-11370		5C
W74-1113			W74-1121	3 7-2	1 2C		W74-1129	7-2	1 5C	W74-11371		5A
W74-1113	5 7-21	5C	W74-1121				W74-1129			W74-11372 W74-11373		5C 5A
W74-1113 W74-1113			W74-1121 W74-1121				W74-1129 W74-1129			W74-11374		5A
W74-1113			W74-1121				W74-1129			W74-11375		5C

W74-11376	7-21	2G	W74-11455	7-22	4B	W74-11534	7-22	7B	W74-11613	7-22	6B
W74-11377	7-21	5A	W74-11456	7-22	6A	W74-11535	7-22	7B		7-22	6B
W74-11378	7-21	5A	W74-11457	7-22	5D	W74-11536	7-22	7B	W74-11615	7-22	6B
W74-11379	7-21	5B	W74-11458	7-22	4A	W74-11537	7-22	7B	W74-11616	7-22	6B
W74-11380	7-21	5B	W74-11459	7-22	4A	W74-11538	7-22	7B	W74-11617	7-22	6B
W74-11381	7-21	5C	W74-11460	7-22	6G	W74-11539	7-22	7B	W74-11618	7-22	6B
W74-11382	7-21	5A	W74-11461	7-22	5C	W74-11540	7-22	7B	W74-11619	7-22	6A
W74-11382 W74-11383	7-21	5D	W74-11462	7-22	8B	W74-11541	7-22	7B	W74-11620	7-22	6B
W74-11384	7-21	5C	W74-11463	7-22	7C	W74-11542	7-22	2J	W74-11621	7-22	6B
W74-11385	7-21	5A	W74-11464	7-22	4B	W74-11543	7-22	7B	W74-11622	7-22	6B
W74-11386	7-21	21	W74-11465	7-22	2F	W74-11544	7-22	2J	W74-11623	7-22	6B
W74-11387	7-21	2H	W74-11466	7-22	2A	W74-11545	7-22	7B	W74-11624	7-22	6B
W74-11388	7-21	5A	W74-11467	7-22	2G	W74-11546	7-22	5A	W74-11625	7-22	6B
W74-11389	7-21	5A	W74-11468	7-22	2E	W74-11547	7-22	7B	W74-11626	7-22	6B
W74-11399	7-21	5A	W74-11469	7-22	2B	W74-11548	7-22	5A	W74-11627	7-22	6B
W74-11391	7-21	5B	W74-11470	7-22	2A	W74-11549	7-22	5A	W74-11628	7-22	3A
W74-11391	7-21	5B	W74-11471	7-22	2A	W74-11550	7-22	2K	W74-11629	7-22	3A
W74-11393	7-21	5B	W74-11472	7-22	2F	W74-11551	7-22	7B	W74-11630	7-22	3A
W74-11393 W74-11394	7-21	5A	W74-11472	7-22	2G	W74-11552	7-22	7B	W74-11631	7-22	3A
W74-11394 W74-11395	7-21	5C	W74-11474	7-22	8B	W74-11553	7-22	7B	W74-11632	7-22	3A
W74-11395	7-21	3A	W74-11474	7-22	8B	W74-11554	7-22	7B	W74-11633	7-22	3A
W74-11396 W74-11397	7-21	5D	W74-11475	7-22	8B	W74-11555	7-22	7B	W74-11634	7-22	3A
	7-21	5D		7-22	2E	W74-11556	7-22	7B	W74-11635	7-22	3A
W74-11398	7-21		W74-11477		8B		7-22	7B	W74-11636	7-22	3A
W74-11399		5D	W74-11478	7-22		W74-11557				7-22	3A
W74-11400	7-21	3A	W74-11479	7-22	4B	W74-11558	7-22	7B	W74-11637 W74-11638	7-22	3A
W74-11401	7-21	3A	W74-11480	7-22	8B	W74-11559	7-22	7B		7-22	
W74-11402	7-21	3A	W74-11481	7-22	5C	W74-11560	7-22	7B	W74-11639	7-22	3A 2K
W74-11403	7-21	5D	W74-11482	7-22	5C	W74-11561	7-22	7B	W74-11640	7-22	
W74-11404	7-21	5G	W74-11483	7-22	5C	W74-11562	7-22	7C	W74-11641		3A
W74-11405	7-21	5D	W74-11484	7-22	5B	W74-11563	7-22	7C	W74-11642	7-22	3A
W74-11406	7-21	5D	W74-11485	7-22	5C	W74-11564	7-22	7C	W74-11643	7-22	3A
W74-11407	7-21	5D	W74-11486	7-22	5C	W74-11565	7-22	7C	W74-11644	7-22	3A
W74-11408	7-21	5D	W74-11487	7-22	5C	W74-11566	7-22	7C	W74-11645	7-22	6B
W74-11409	7-21	5G	W74-11488	7-22	5A	W74-11567	7-22	2E	W74-11646	7-22	5C
W74-11410	7-21	5D	W74-11489	7-22	5C	W74-11568	7-22	3F	W74-11647	7-22	8B
W74-11411	7-21	5D	W74-11490	7-22	5C	W74-11569	7-22	5D	W74-11648	7-22	2D
W74-11412	7-21	8B	W74-11491	7-22	5C	W74-11570	7-22	5D	W74-11649	7-22	2G
W74-11413	7-21	5G	W74-11492	7-22	4C	W74-11571	7-22	5C	W74-11650	7-22	21
W74-11414	7-21	3A	W74-11493	7-22	7B	W74-11572	7-22	4A	W74-11651	7-22	5B
W74-11415	7-21	5D	W74-11494	7-22	7B	W74-11573	7-22	5C	W74-11652	7-22	5A
W74-11416	7-21	5D	W74-11495	7-22	7B	W74-11574	7-22	6A	W74-11653	7-22	5B
W74-11417	7-21	5G	W74-11496	7-22	7B	W74-11575	7-22	2L	W74-11654	7-22	5B
W74-11418	7-21	5D	W74-11497	7-22	7B	W74-11576	7-22	5G	W74-11655	7-22	5B
W74-11419	7-21	2E	W74-11498	7-22	7B	W74-11577	7-22	5D	W74-11656	7-22	5G
W74-11420	7-21	2E	W74-11499	7-22	7B	W74-11578	7-22	8B	W74-11657	7-22	5E
W74-11421	7-21	5A	W74-11500	7-22	7B	W74-11579	7-22	6G	W74-11658	7-22	5B
W74-11422	7-21	5A	W74-11501	7-22		W74-11580	7-22	6B	W74-11659	7-22	5B
W74-11423	7-21	2F	W74-11502	7-22		W74-11581	7-22	6G	W74-11660	7-22	5 B
W74-11424	7-21	2F	W74-11503	7-22		W74-11582	7-22	6B	W74-11661	7-22	5D
W74-11425	7-21	5A	W74-11504	7-22		W74-11583	7-22	6B	W74-11662	7-22	8E
W74-11426	7-21	4B	W74-11505	7-22		W74-11584	7-22	6G	W74-11663	7-22	8H
W74-11427	7-21	4A	W74-11506	7-22		W74-11585	7-22	6G	W74-11664	7-22	5E
W74-11428	7-21	4A	W74-11507	7-22		W74-11586	7-22	6B	W74-11665	7-22	5 B
W74-11429	7-21	4A	W74-11508	7-22		W74-11587	7-22	6B	W74-11666	7-22	5B
W74-11430	7-21	4A	W74-11509	7-22		W74-11588	7-22	6B	W74-11667	7-22	5B
W74-11431	7-21	5G	W74-11510	7-22		W74-11589	7-22	6B	W74-11668	7-22	5B
W74-11432	7-21	7C	W74-11511	7-22		W74-11590	7-22	6B	W74-11669	7-22	5B
W74-11433	7-21	3B	W74-11512	7-22		W74-11591	7-22	6B	W74-11670	7-22	5B
W74-11434	7-21	81	W74-11513	7-22		W74-11592	7-22	6B	W74-11671	7-22	5B
W74-11435	7-21	5A	W74-11514	7-22		W74-11593	7-22	6B	W74-11672	7-22	5B
W74-11436	7-21	5D	W74-11515	7-22		W74-11594	7-22		W74-11673	7-22	5D
W74-11437	7-21	2C	W74-11516	7-22		W74-11595	7-22		W74-11674	7-22	5B
W74-11438	7-21	5A	W74-11517	7-22		W74-11596			W74-11675	7-22	5B
W74-11439	7-21	5B	W74-11518	7-22		W74-11597	7-22		W74-11676	7-22	5A
W74-11440	7-21	2F	W74-11519	7-22		W74-11598	7-22		W74-11677	7-22	4A
W74-11441	7-21	7C	W74-11520	7-22		W74-11599	7-22		W74-11678	7-22	4D
W74-11442	7-21	7C	W74-11521	7-22		W74-11600			W74-11679	7-22	5A
W74-11443	7-21	5B	W74-11522	7-22		W74-11601	7-22		W74-11680	7-22	6B
W74-11444	7-21	2C	W74-11523	7-22		W74-11602	7-22		W74-11681	7-22	3C
W74-11445	7-21	2C	W74-11524	7-22		W74-11603	7-22		W74-11682	7-22	6B
W74-11446		2C	W74-11525	7-22		W74-11604			W74-11683	7-22	
W74-11447	7-21	4B	W74-11526	7-22		W74-11605			W74-11684	7-22	
W74-11448	7-21	2D	W74-11527	7-22		W74-11606			W74-11685	7-22	6B
W74-11449	7-21	2Ј	W74-11528	7-22		W74-11607	7-22		W74-11686	7-22	5G
W74-11450		2J	W74-11529	7-22		W74-11608			W74-11687	7-22	6C
W74-11451	7-22	6A	W74-11530	7-22		W74-11609			W74-11688	7-22	
W74-11452		2G	W74-11531	7-22		W74-11610			W74-11689	7-22	
W74-11453		4B	W74-11532			W74-11611	7-22		W74-11690	7-22	
W74-11454	7-22	4B	W74-11533	7-22	7B	W74-11612	7-22	6B	W74-11691	7-22	6A

11/74 11/02	7-22	5B	W74-11771	7-22	8B	W74-11850	7-22	5D	W74-11929	7-22	5G
W74-11692		6C	W74-11772	7-22	2H	W74-11851	7-22	5D	W74-11929	7-22	5G
W74-11693	7-22							5D			
W74-11694	7-22	6D	W74-11773	7-22	7C	W74-11852	7-22		W74-11931	7-22	5D
W74-11695	7-22	6B	W74-11774	7-22	7B	W74-11853	7-22	5B	W74-11932	7-22	5C
W74-11696	7-22	6A	W74-11775	7-22	4C	W74-11854	7-22	5D	W74-11933	7-22	5C
W74-11697	7-22	6B	W74-11776	7-22	2E	W74-11855	7-22	5B	W74-11934	7-22	5C
W74-11698	7-22	6F	W74-11777	7-22	2C	W74-11856	7-22	5D	W74-11935	7-22	5C
W74-11699	7-22	5D	W74-11778	7-22	3B	W74-11857	7-22	5D	W74-11936	7-22	5C
W74-11700	7-22	21	W74-11779	7-22	7C	W74-11858	7-22	5D	W74-11937	7-22	5C
W74-11701	7-22	5D	W74-11780	7-22	8B	W74-11859	7-22	5D	W74-11938	7-22	5C
W74-11702	7-22	5B	W74-11781	7-22	5G	W74-11860	7-22	5D	W74-11939	7-22	5C
W74-11703	7-22	5B	W74-11782	7-22	3B	W74-11861	7-22	5D	W74-11940	7-22	5C
W74-11704	7-22	5C	W74-11783	7-22	3B	W74-11862	7-22	5A	W74-11941	7-22	5C
W74-11705	7-22	5A	W74-11784	7-22	7B	W74-11863	7-22	5A	W74-11942	7-22	5C
W74-11706	7-22	5C	W74-11785	7-22	5D	W74-11864	7-22	2D	W74-11943	7-22	5C
W74-11707	7-22	5D	W74-11786	7-22	2K	W74-11865	7-22	2A	W74-11944	7-22	5C
W74-11708	7-22	2H	W74-11787	7-22	8B	W74-11866	7-22	5A	W74-11945	7-22	81
			W74-11788								
W74-11709	7-22	5B		7-22	81	W74-11867	7-22	6F	W74-11946	7-22	5C
W74-11710	7-22	5C	W74-11789	7-22	5D	W74-11868	7-22	4A	W74-11947	7-22	5C
W74-11711	7-22	5C	W74-11790	7-22	5D	W74-11869	7-22	5D	W74-11948	7-22	5C
W74-11712	7-22	5F	W74-11791	7-22	5D	W74-11870	7-22	5B	W74-11949	7-22	5C
W74-11713	7-22	5C	W74-11792	7-22	5D	W74-11871	7-22	5D	W74-11950	7-22	5C
W74-11714	7-22	5C	W74-11793	7-22	5D	W74-11872	7-22	5C	W74-11951	7-22	5C
W74-11715	7-22	5A	W74-11794	7-22	5A	W74-11873	7-22	2H	W74-11952	7-22	5C
W74-11716	7-22	5A	W74-11795	7-22	5D	W74-11874	7-22	5B	W74-11953	7-22	5C
W74-11717	7-22	5A	W74-11796	7-22	5C	W74-11875	7-22	5G	W74-11954	7-22	5B
W74-11718	7-22	5C	W74-11797	7-22	5D	W74-11876	7-22	5A	W74-11955	7-22	5B
W74-11719	7-22	5C	W74-11798	7-22	5A	W74-11877	7-22	5C	W74-11956	7-22	5B
W74-11720	7-22	5C	W74-11799	7-22	5D	W74-11878	7-22	5D	W74-11957	7-22	5C
W74-11721	7-22	2K	W74-11800	7-22	5B	W74-11879	7-22	5D	W74-11958	7-22	5B
W74-11722	7-22	5B	W74-11801	7-22	5D	W74-11880	7-22	4B	W74-11959	7-22	5B
W74-11723	7-22	5C									
W74-11724			W74-11802	7-22	5A	W74-11881	7-22	4B	W74-11960	7-22	5B
	7-22	2C	W74-11803	7-22	5D	W74-11882	7-22	4B	W74-11961	7-22	5A
W74-11725	7-22	5B	W74-11804	7-22	5D	W74-11883	7-22	4B	W74-11962	7-22	5G
W74-11726	7-22	2J	W74-11805	7-22	5B	W74-11884	7-22	4B	W74-11963	7-22	4A
W74-11727	7-22	7B	W74-11806	7-22	5B	W74-11885	7-22	4B	W74-11964	7-22	5F
W74-11728	7-22	2L	W74-11807	7-22	3A	W74-11886	7-22	4B	W74-11965	7-22	2E
W74-11729	7-22	7B	W74-11808	7-22	3A	W74-11887	7-22	4B	W74-11966	7-22	10B
W74-11730	7-22	2F	W74-11809	7-22	8G	W74-11888	7-22	8B	W74-11967	7-22	10B
W74-11731	7-22	2L	W74-11810	7-22	8G	W74-11889	7-22	5B	W74-11968	7-22	8B
W74-11732	7-22	4B	W74-11811	7-22	8G	W74-11890	7-22	2A	W74-11969	7-22	7C
W74-11733	7-22	2E	W74-11812	7-22	8G	W74-11891	7-22	6A	W74-11970	7-22	2E
W74-11734	7-22	5A	W74-11813	7-22	8G	W74-11892	7-22	2B	W74-11971	7-22	2E
W74-11735	7-22	2E	W74-11814	7-22	8G	W74-11893	7-22	2G	W74-11972	7-22	2E
W74-11736	7-22	4B	W74-11815	7-22	8G	W74-11894	7-22	2E	W74-11973	7-22	2J
W74-11737	7-22	2F	W74-11816	7-22	8G	W74-11895	7-22	2H	W74-11974	7-22	2J
W74-11738	7-22	4A	W74-11817	7-22	8G	W74-11896	7-22	2L	W74-11975	7-22	5B
W74-11739	7-22	2L	W74-11818	7-22	8G	W74-11897	7-22	5B	W74-11976	7-22	5G
W74-11740	7-22	2D	W74-11819	7-22	8G	W74-11898	7-22	2H	W74-11977	7-22	5C
W74-11741	7-22	2F		7-22	8G		7-22				
			W74-11820			W74-11899		2G	W74-11978	7-22	5B
W74-11742	7-22	4A	W74-11821	7-22	8G	W74-11900	7-22	2K	W74-11979	7-22	7C
W74-11743	7-22	2E	W74-11822	7-22	8G	W74-11901	7-22	2L	W74-11980	7-22	7C
W74-11744	7-22	1B	W74-11823	7-22	3A	W74-11902	7-22	2H	W74-11981	7-22	2E
W74-11745	7-22	3B	W74-11824	7-22	3A	W74-11903	7-22	2H	W74-11982	7-22	4B
W74-11746	7-22	5G	W74-11825	7-22	3A	W74-11904	7-22	2K	W74-11983	7-22	7C
W74-11747	7-22	2B	W74-11826	7-22	3A	W74-11905	7-22	4A	W74-11984	7-22	2K
W74-11748	7-22	5B	W74-11827	7-22	3A	W74-11906	7-22	2F	W74-11985	7-22	5E
W74-11749	7-22	5B	W74-11828	7-22	3A	W74-11907	7-22	2G	W74-11986	7-22	6B
W74-11750	7-22	5B	W74-11829	7-22	3A	W74-11908	7-22	7C	W74-11987	7-22	4B
W74-11751	7-22	5C	W74-11830	7-22	3A	W74-11909	7-22	2B	W74-11988	7-22	3A
W74-11752	7-22	2E	W74-11831	7-22	3A	W74-11910	7-22	5A	W74-11989	7-22	4A
W74-11753	7-22	5B	W74-11832	7-22	3A	W74-11911	7-22	5A	W74-11990	7-22	8B
W74-11754	7-22	5A	W74-11833	7-22	5D	W74-11912	7-22	5A	W74-11991	7-22	2J
W74-11755	7-22	8B	W74-11834	7-22	5D	W74-11913	7-22	5A	W74-11992	7-22	5B
W74-11756	7-22	4B	W74-11835	7-22	5D	W74-11913	7-22	5D	W74-11992	7-22	4B
W74-11757	7-22	8B	W74-11836	7-22	5D	W74-11915	7-22	5B	W74-11994	7-22	
W74-11758	7-22			7-22		W74-11915 W74-11916					4B
		2J 7C	W74-11837		5D		7-22	2G	W74-11995	7-22	5B
W74-11759	7-22	7C	W74-11838	7-22	5D	W74-11917	7-22	5B	W74-11996	7-22	4B
W74-11760	7-22	4B	W74-11839	7-22	5D	W74-11918	7-22	5B	W74-11997	7-22	8H
W74-11761	7-22	4B	W74-11840	7-22	5D	W74-11919	7-22	5B	W74-11998	7-22	4A
W74-11762	7-22	4B	W74-11841	7-22	5D	W74-11920	7-22	5B	W74-11999	7-22	7C
W74-11763	7-22	5D	W74-11842	7-22	5D	W74-11921	7-22	5C	W74-12000	7-22	5G
W74-11764	7-22	5B	W74-11843	7-22	5D	W74-11922	7-22	5B	W74-12001	7-23	5D
W74-11765	7-22	2C	W74-11844	7-22	5D	W74-11923	7-22	4D	W74-12002	7-23	3F
W74-11766	7-22	4A	W74-11845	7-22	5D	W74-11924	7-22	5D	W74-12003	7-23	5D
W74-11767	7-22	7C	W74-11846	7-22	5D	W74-11925	7-22	5D	W74-12004	7-23	5D
W74-11768	7-22	8H	W74-11847	7-22	5B	W74-11926	7-22	5D	W74-12005	7-23	5D
W74-11769	7-22	5B	W74-11848	7-22	5B	W74-11927	7-22	5D	W74-12006	7-23	8G
W74-11770	7-22	2E	W74-11849	7-22	5D	W74-11928	7-22	5D	W74-12007	7-23	8A

W74-12008	7-23	4A	W74-12087	7-23	8B	w	74-12166	7-23	2H	W74-12245	7-23	5C
W74-12009	7-23	5G	W74-12088	7-23	8B		74-12167	7-23	81	W74-12246	7-23	5C
	7-23	2C	W74-12089	7-23	8A		74-12168	7-23	5C	W74-12247	7-23	5C
W74-12010							74-12169	7-23	5B	W74-12247	7-23	5C
W74-12011	7-23	6G	W74-12090	7-23	6F							
W74-12012	7-23	4A	W74-12091	7-23	8B		/74-12170	7-23	21	W74-12249	7-23	5C
W74-12013	7-23	4B	W74-12092	7-23	8B		/74-12171	7-23	21	W74-12250	7-23	5C
W74-12014	7-23	8H	W74-12093	7-23	4A		/74-12172	7-23	6E	W74-12251	7-23	5C
W74-12015	7-23	5D	W74-12094	7-23	8B	W	774-12173	7-23	6E	W74-12252	7-23	5C
W74-12016	7-23	7B	W74-12095	7-23	2C	W	774-12174	7-23	5A	W74-12253	7-23	5C
W74-12017	7-23	2J	W74-12096	7-23	8B	W	/74-12175	7-23	5G	W74-12254	7-23	5C
W74-12018	7-23	4B	W74-12097	7-23	5B	W	774-12176	7-23	5A	W74-12255	7-23	5C
W74-12019	7-23	2B	W74-12098	7-23	5B		774-12177	7-23	5G	W74-12256	7-23	5C
W74-12020	7-23	5E	W74-12099	7-23	5G		V74-12178	7-23	5A	W74-12257	7-23	7B
W74-12021	7-23	5B	W74-12100	7-23	5B		774-12179	7-23	5A	W74-12258	7-23	7B
W74-12022	7-23	5B	W74-12101	7-23	8B		774-12180	7-23	5A	W74-12259	7-23	5C
W74-12023	7-23	5B	W74-12102	7-23	5G		74-12181	7-23	5A	W74-12260	7-23	5C
				7-23	8B		V74-12182	7-23	3F	W74-12261	7-23	5C
W74-12024	7-23	5B	W74-12103							W74-12261 W74-12262		
W74-12025	7-23	5A	W74-12104	7-23	4B		V74-12183	7-23	5A		7-23	5C
W74-12026	7-23	5D	W74-12105	7-23	2A		V74-12184	7-23	5A	W74-12263	7-23	5C
W74-12027	7-23	5B	W74-12106	7-23	8B		V74-12185	7-23	5A	W74-12264	7-23	5C
W74-12028	7-23	5A	W74-12107	7-23	6A		V74-12186	7-23	5A	W74-12265	7-23	5B
W74-12029	7-23	5A	W74-12108	7-23	6A	V	V74-12187	7-23	5A	W74-12266	7-23	5C
W74-12030	7-23	5A	W74-12109	7-23	6A	V	V74-12188	7-23	5A	W74-12267	7-23	5C
W74-12031	7-23	5A	W74-12110	7-23	6A	V	V74-12189	7-23	5A	W74-12268	7-23	5A
W74-12032	7-23	5A	W74-12111	7-23	4A	V	V74-12190	7-23	5A	W74-12269	7-23	5G
W74-12033	7-23	5D	W74-12112	7-23	6A		V74-12191	7-23	5A	W74-12270	7-23	5C
W74-12034	7-23	5D	W74-12113	7-23	6A		V74-12192	7-23	6B	W74-12271	7-23	5C
W74-12035	7-23	10D	W74-12114	7-23	6A		V74-12193	7-23	5D	W74-12272	7-23	7B
W74-12036	7-23	5B	W74-12115	7-23	6A			7-23	5A	W74-12273	7-23	5C
							V74-12194					
W74-12037	7-23	5B	W74-12116	7-23	5B		V74-12195	7-23	4B	W74-12274	7-23	5C
W74-12038	7-23	5B	W74-12117	7-23	5A		V74-12196	7-23	6B	W74-12275	7-23	5C
W74-12039	7-23	5B	W74-12118	7-23	2H		V74-12197	7-23	4A	W74-12276	7-23	5C
W74-12040	7-23	5B	W74-12119	7-23	5F		V74-12198	7-23	6B	W74-12277	7-23	5C
W74-12041	7-23	5D	W74-12120	7-23	5F	V	V74-12199	7-23	5G	W74-12278	7-23	5B
W74-12042	7-23	5B	W74-12121	7-23	7C	V	V74-12200	7-23	5C	W74-12279	7-23	2K
W74-12043	7-23	5B	W74-12122	7-23	4A	V	W74-12201	7-23	2C	W74-12280	7-23	5B
W74-12044	7-23	5B	W74-12123	7-23	8A	V	W74-12202	7-23	5C	W74-12281	7-23	2E
W74-12045	7-23	5C	W74-12124	7-23	6A		W74-12203	7-23	5G	W74-12282	7-23	2G
W74-12046	7-23	5D	W74-12125	7-23	6A		W74-12204	7-23	5A	W74-12283	7-23	2E
W74-12047	7-23	5B	W74-12126	7-23	6A		W74-12205	7-23	7B	W74-12284	7-23	5B
W74-12048	7-23	5C	W74-12127	7-23	7C		W74-12206	7-23	6F	W74-12285	7-23	2A
W74-12049	7-23	5C	W74-12128	7-23	6A		W74-12207	7-23	3A	W74-12286	7-23	2E
W74-12050	7-23			7-23	5G		W74-12208	7-23	5A	W74-12287	7-23	5G
		5C	W74-12129								7-23	
W74-12051	7-23	5C	W74-12130	7-23	4A		W74-12209	7-23	5D	W74-12288		5B
W74-12052	7-23	4C	W74-12131	7-23	4A		W74-12210	7-23	5D	W74-12289	7-23	2G
W74-12053	7-23	2C	W74-12132	7-23	4A		W74-12211	7-23	5D	W74-12290	7-23	2G
W74-12054	7-23	4B	W74-12133	7-23	6A		W74-12212	7-23	5B	W74-12291	7-23	2E
W74-12055	7-23	7C	W74-12134	7-23	4A		W74-12213	7-23	5C	W74-12292	7-23	3F
W74-12056	7-23	7C	W74-12135	7-23	6A		W74-12214	7-23	5C	W74-12293	7-23	2E
W74-12057	7-23	2L	W74-12136	7-23	4B	'	W74-12215	7-23	5D	W74-12294	7-23	2A
W74-12058	7-23	2J	W74-12137	7-23	5A	1	W74-12216	7-23	5D	W74-12295	7-23	2B
W74-12059	7-23	4B	W74-12138	7-23	2H	1	W74-12217	7-23	5G	W74-12296	7-23	4B
W74-12060	7-23	7C	W74-12139	7-23	5B	1	W74-12218	7-23	5G	W74-12297	7-23	8D
W74-12061	7-23	3B	W74-12140	7-23	8B		W74-12219	7-23	5G	W74-12298	7-23	4A
W74-12062	7-23	7B	W74-12141	7-23	5D		W74-12220	7-23	5A	W74-12299	7-23	2G
W74-12063	7-23	7C	W74-12142	7-23	4A		W74-12221	7-23	5B	W74-12300	7-23	2F
W74-12064	7-23	81	W74-12143	7-23	4A		W74-12222	7-23	5D	W74-12301	7-23	2B
W74-12065	7-23	5A	W74-12144	7-23	4A		W74-12223	7-23	5G	W74-12302	7-23	2E
							W74-12223	7-23				2J
W74-12066	7-23	5A	W74-12145	7-23	4A				5B	W74-12303	7-23	
W74-12067	7-23	3B	W74-12146	7-23	5F		W74-12225	7-23	6C	W74-12304	7-23	2B
W74-12068	7-23	4B	W74-12147	7-23	6A		W74-12226	7-23	4A	W74-12305	7-23	2L
W74-12069	7-23	5D	W74-12148	7-23	21	1	W74-12227	7-23	5C	W74-12306	7-23	2G
W74-12070	7-23	5B	W74-12149	7-23	81		W74-12228	7-23	2K			5A
W74-12071	7-23	2F	W74-12150	7-23	2H		W74-12229	7-23	21	W74-12308	7-23	2F
W74-12072	7-23	2A	W74-12151	7-23	5C		W74-12230	7-23	4D	W74-12309	7-23	2G
W74-12073	7-23	5D	W74-12152	7-23	5B	1	W74-12231	7-23	4A	W74-12310	7-23	5B
W74-12074	7-23	2C	W74-12153	7-23	21	,	W74-12232	7-23	4A	W74-12311	7-23	5B
W74-12075	7-23	81	W74-12154	7-23	5C		W74-12233	7-23	6E	W74-12312	7-23	2B
W74-12076	7-23	4B	W74-12155	7-23	2H		W74-12234	7-23	10C	W74-12313	7-23	5B
W74-12077	7-23	5B	W74-12156	7-23	3F		W74-12235	7-23	5E	W74-12314	7-23	2C
W74-12078	7-23	2B	W74-12157	7-23	2G		W74-12236	7-23	2H	W74-12315	7-23	2G
W74-12079	7-23	8I	W74-12158	7-23	21		W74-12237	7-23	3F	W74-12316	7-23	5B
W74-12079	7-23	2E	W74-12159	7-23	2G		W74-12238	7-23	6A	W74-12317	7-23	
								7-23			7-23	
W74-12081	7-23	3B	W74-12160	7-23	5C		W74-12239		6E	W74-12318		
W74-12082	7-23	5G	W74-12161	7-23			W74-12240	7-23	7B	W74-12319	7-23	
W74-12083	7-23	5D	W74-12162	7-23	2B		W74-12241	7-23	6D	W74-12320	7-23	
W74-12084	7-23	5B	W74-12163	7-23	8I		W74-12242	7-23	6A	W74-12321	7-23	
W74-12085	7-23	5G	W74-12164	7-23	5G		W74-12243	7-23	5D	W74-12322	7-23	
W74-12086	7-23	2K	W74-12165	7-23	5C		W74-12244	7-23	5C	W74-12323	7-23	7C

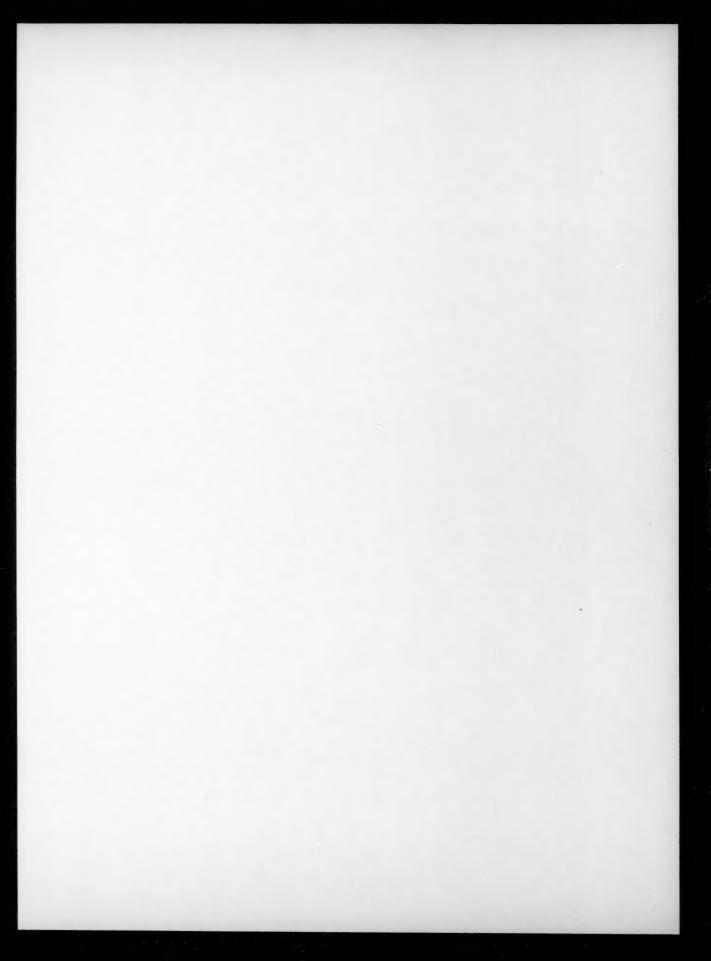
W/4-12324											
W74-12324	7-23	2E	W74-12403	7-23	6E	W74-12482	7-23	5A	W74-12561	7-23	5C
	7-23	2E	W74-12404	7-23	6E	W74-12483	7-23	5A	W74-12562	7-23	5C
	7-23	2F	W74-12405	7-23	5G	W74-12484	7-23	5A	W74-12563	7-23	5C
W74-12327	7-23	2F	W74-12406	7-23	5C	W74-12485	7-23	5A	W74-12564	7-23	5C
	7-23	2A	W74-12407	7-23	5D	W74-12486	7-23	5A	W74-12565	7-23	5C
W74-12329	7-23	2L	W74-12408	7-23	5D	W74-12487	7-23	5A	W74-12566	7-23	5C
	7-23 7-23	2D 2F	W74-12409 W74-12410	7-23 7-23	5D 5D	W74-12488 W74-12489	7-23 7-23	5A 5A	W74-12567 W74-12568	7-23 7-23	5C 5C
	7-23	2H	W74-12411	7-23	5D	W74-12490	7-23	5C	W74-12569	7-23	5C
W74-12333	7-23	2F	W74-12412	7-23	5D	W74-12491	7-23	5C	W74-12570	7-23	5C
	7-23	2L	W74-12413	7-23	5D	W74-12492	7-23	5B	W74-12571	7-23	5C
W74-12335	7-23	7C	W74-12414	7-23	5D	W74-12493	7-23	5C	W74-12572	7-23	5C
	7-23	7C	W74-12415	7-23	5D	W74-12494	7-23	5C	W74-12573	7-23 7-23	5C
W74-12337 W74-12338	7-23 7-23	2J 7B	W74-12416 W74-12417	7-23 7-23	5D 5E	W74-12495 W74-12496	7-23 7-23	5B 5A	W74-12574 W74-12575	7-23	5C 5C
	7-23	2F	W74-12417	7-23	5D	W74-12497	7-23	5C	W74-12576	7-23	5C
W74-12340	7-23	8A	W74-12419	7-23	5C	W74-12498	7-23	5A	W74-12577	7-23	5C
W74-12341	7-23	5A	W74-12420	7-23	5D	W74-12499	7-23	5A	W74-12578	7-23	5C
	7-23	5B	W74-12421	7-23	5D	W74-12500	7-23	5A	W74-12579	7-23	5C
W74-12343	7-23	5D	W74-12422	7-23	5D	W74-12501	7-23	5A	W74-12580	7-23 7-23	5C 5C
W74-12344 W74-12345	7-23 7-23	3F 5C	W74-12423 W74-12424	7-23 7-23	5D 5D	W74-12502 W74-12503	7-23 7-23	5A 5C	W74-12581 W74-12582	7-23	5C
W74-12346	7-23	5D	W74-12425	7-23	5D	W74-12504	7-23	5B	W74-12583	7-23	5C
W74-12347	7-23	5C	W74-12426	7-23	5G	W74-12505	7-23	5B	W74-12584	7-23	5C
W74-12348	7-23	.5C	W74-12427	7-23	5G	W74-12506	7-23	5B	W74-12585	7-23	5C
	7-23	5A	W74-12428	7-23	5D	W74-12507	7-23	5C	W74-12586	7-23	5C
W74-12350	7-23	2H	W74-12429	7-23	5D	W74-12508	7-23	5A	W74-12587	7-23	5C
W74-12351 W74-12352	7-23 7-23	2L 5G	W74-12430 W74-12431	7-23 7-23	5D 5D	W74-12509 W74-12510	7-23 7-23	5B 2L	W74-12588 W74-12589	7-23 7-23	5C 5C
W74-12353	7-23	5C	W74-12431	7-23	5G	W74-12511	7-23	5B	W74-12590	7-23	5C
W74-12354	7-23	6B	W74-12433	7-23	5D	W74-12512	7-23	5B	W74-12591	7-23	5C
W74-12355	7-23	5C	W74-12434	7-23	5D	W74-12513	7-23	5D	W74-12592	7-23	5C
W74-12356	7-23	6B	W74-12435	7-23	5D	W74-12514	7-23	5B	W74-12593	7-23	4A
W74-12357	7-23	6G	W74-12436	7-23	5G	W74-12515	7-23	5B	W74-12594 W74-12595	7-23	5B
W74-12358 W74-12359	7-23 7-23	3F 5B	W74-12437 W74-12438	7-23 7-23	5G 7B	W74-12516 W74-12517	7-23 7-23	5B 5C	W74-12595 W74-12596	7-23 7-23	5B 2A
W74-12360	7-23	6F	W74-12439	7-23	5D	W74-12518	7-23	5C	W74-12597	7-23	5A
W74-12361	7-23	5B	W74-12440	7-23	5D	W74-12519	7-23	5C	W74-12598	7-23	2D
W74-12362	7-23	2D	W74-12441	7-23	5D	W74-12520	7-23	5B	W74-12599	7-23	4A
W74-12363	7-23	10D	W74-12442	7-23	5 F	W74-12521	7-23	2L	W74-12600	7-23	6G
W74-12364	7-23	6B	W74-12443	7-23	5D	W74-12522	7-23	5C	W74-12601	7-23	4A
W74-12365	7-23 7-23	5C 6C	W74-12444 W74-12445	7-23 7-23	5D 5D	W74-12523 W74-12524	7-23 7-23	5G 5C	W74-12602 W74-12603	7-23 7-23	6E 6E
W74-12366 W74-12367	7-23	3F	W74-12446	7-23	5G	W74-12525	7-23	8G	W74-12604	7-23	6E
W74-12368	7-23	3F	W74-12447	7-23	5D	W74-12526	7-23	8C	W74-12605	7-23	6E
W74-12369	7-23	6F	W74-12448	7-23	5D	W74-12527	7-23	8C	W74-12606	7-23	6E
W74-12370	7-23	5G	W74-12449	7-23	5D	W74-12528	7-23	2H	W74-12607	7-23	6E
W74-12371	7-23	6B	W74-12450	7-23 7-23	3A 5G	W74-12529 W74-12530	7-23 7-23	4B 2I	W74-12608 W74-12609	7-23 7-23	6E 6E
W74-12372 W74-12373	7-23 7-23	2L 2L	W74-12451 W74-12452	7-23	5D	W74-12531	7-23	4B	W74-12610	7-23	6E
W74-12374	7-23	2E	W74-12453	7-23	5G	W74-12532	7-23	4B	W74-12611	7-23	6E
W74-12375	7-23	5B	W74-12454	7-23	5D	W74-12533	7-23	8G	W74-12612	7-23	6E
W74-12376	7-23	5B	W74-12455	7-23	3A	W74-12534	7-23	8C	W74-12613	7-23	6E
W74-12377	7-23	5B	W74-12456	7-23	5D	W74-12535 W74-12536	7-23 7-23	4B 8G	W74-12614 W74-12615	7-23 7-23	3F 6E
W74-12378 W74-12379	7-23 7-23	2K 2K	W74-12457 W74-12458	7-23 7-23	6G 6G	W74-12537	7-23	8C	W74-12616	7-23	6E
W74-12380	7-23	2J	W74-12459	7-23	6G	W74-12538	7-23	8C	W74-12617	7-23	21
W74-12381	7-23	23	W74-12460	7-23	6G	W74-12539	7-23	5D	W74-12618	7-23	6G
W74-12382	7-23	2J	W74-12461	7-23	6G	W74-12540	7-23	8B	W74-12619	7-23	6E
W74-12383	7-23	2J	W74-12462	7-23	6G	W74-12541	7-23	8B	W74-12620	7-23	5G
	7-23	2J	W74-12463	7-23	6G		7-23 7-23	8E 8F	W74-12621 W74-12622	7-23 7-23	5B 4D
W74-12385 W74-12386	7-23 7-23	2J 2J	W74-12464 W74-12465	7-23 7-23	6G 6G	W74-12543 W74-12544	7-23	8B	W74-12622 W74-12623	7-23	6E
W74-12387	7-23	2J	W74-12466	7-23	6G	W74-12545	7-23	21	W74-12624	7-23	6E
W74-12388	7-23	2K	W74-12467	7-23	6G	W74-12546	7-23	5E	W74-12625	7-23	6E
W74-12389	7-23	2J	W74-12468	7-23	6G	W74-12547	7-23	6E	W74-12626	7-23	4A
W74-12390	7-23	2J	W74-12469	7-23	6B	W74-12548	7-23	5B	W74-12627	7-23	7C
W74-12391 W74-12392	7-23 7-23	2J 2J	W74-12470 W74-12471	7-23 7-23	6G 6E	W74-12549 W74-12550	7-23 7-23	6E 8G	W74-12628 W74-12629	7-23 7-23	7C 7C
W74-12392 W74-12393	7-23	4A	W74-12471	7-23	6B	W74-12551	7-23	2F	W74-12630	7-23	7C
W74-12394	7-23	4A	W74-12473	7-23	10D	W74-12552	7-23	5E	W74-12631	7-23	7C
W74-12395	7-23	4A	W74-12474	7-23	6B	W74-12553	7-23	7B	W74-12632	7-23	7C
W74-12396	7-23	21	W74-12475	7-23	6E	W74-12554	7-23	1A	W74-12633	7-23	7C
W74-12397	7-23	3F	W74-12476 W74-12477	7-23	6E	W74-12555	7-23 7-23	2F	W74-12634 W74-12635	7-23 7-23	4A 4B
W74-12398 W74-12399	7-23 7-23	2I 2H	W74-12477 W74-12478	7-23 7-23	6G 6B	W74-12556 W74-12557	7-23	2L 5C	W74-12635 W74-12636	7-23	2B
W74-12400	7-23	5G	W74-12479	7-23	5A	W74-12558	7-23	5C	W74-12637	7-23	5A
W74-12401	7-23	6G	W74-12480	7-23	5B	W74-12559	7-23	5C	W74-12638	7-23	8A
W74-12402	7-23	6E	W74-12481	7-23	2I	W74-12560	7-23	5D	W74-12639	7-23	2L

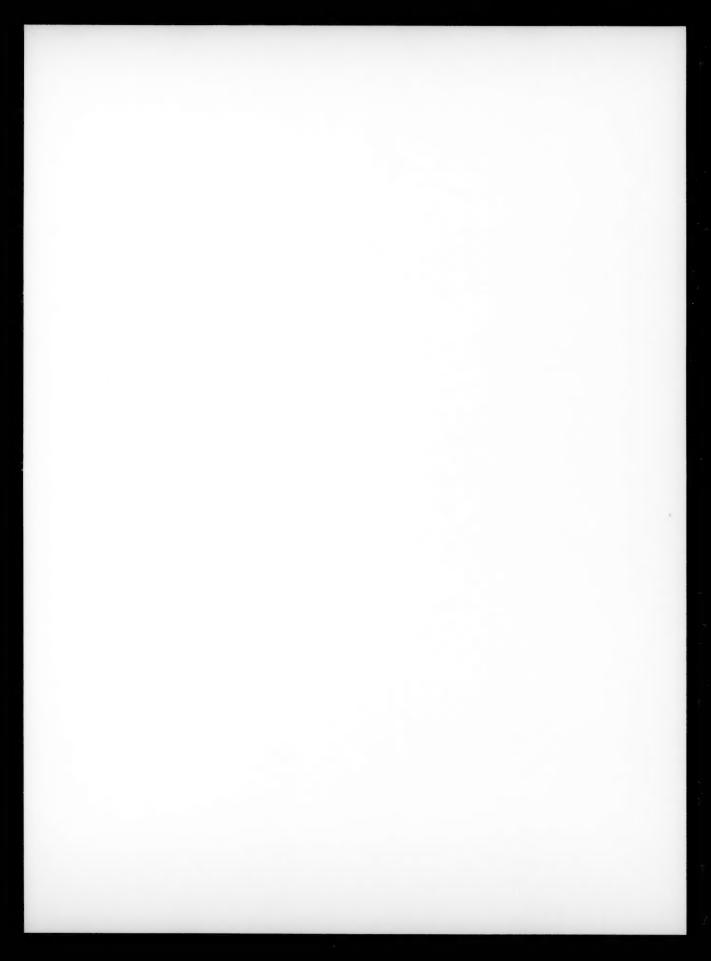
W74-12640	7-23	5G	W74-12719	7-23	5C	W74-12798	7-24	5G	W74-12877	7-24	5D
W74-12641	7-23	5B	W74-12720	7-23	5A	W74-12799	7-24	5D	W74-12878	7-24	5D
			W74-12721	7-23	21	W74-12800	7-24	5D	W74-12879	7-24	5D
W74-12642	7-23	5G									
W74-12643	7-23	2J	W74-12722	7-23	3F	W74-12801	7-24	3F	W74-12880	7-24	5D
W74-12644	7-23	5A	W74-12723	7-23	5B	W74-12802	7-24	5D	W74-12881	7-24	5D
W74-12645	7-23	5B	W74-12724	7-23	5G	W74-12803	7-24	5D	W74-12882	7-24	5D
										7-24	
W74-12646	7-23	5A	W74-12725	7-23	5D	W74-12804	7-24	3A	W74-12883		5D
W74-12647	7-23	5D	W74-12726	7-23	5D	W74-12805	7-24	5D	W74-12884	7-24	5D
W74-12648	7-23	2L	W74-12727	7-23	5A	W74-12806	7-24	5D	W74-12885	7-24	5D
				7-23	21	W74-12807	7-24	5D	W74-12886	7-24	5D
W74-12649	7-23	5G	W74-12728								
W74-12650	7-23	2L	W74-12729	7-23	3F	W74-12808	7-24	5D	W74-12887	7-24	5D
W74-12651	7-23	2K	W74-12730	7-23	21	W74-12809	7-24	5D	W74-12888	7-24	5D
	7-23	2J	W74-12731	7-23	2K	W74-12810	7-24	5D	W74-12889	7-24	5D
W74-12652									W74-12890	7-24	5D
W74-12653	7-23	7C	W74-12732	7-23	2H	W74-12811	7-24	2F			
W74-12654	7-23	2G	W74-12733	7-23	2K	W74-12812	7-24	2F	W74-12891	7-24	5D
W74-12655	7-23	4B	W74-12734	7-23	21	W74-12813	7-24	2F	W74-12892	7-24	5D
			W74-12735		21	W74-12814	7-24	2F	W74-12893	7-24	5D
W74-12656	7-23	5C		7-23							
W74-12657	7-23	5C	W74-12736	7-23	5C	W74-12815	7-24	2F	W74-12894	7-24	5D
W74-12658	7-23	5C	W74-12737	7-23	2G	W74-12816	7-24	2G	W74-12895	7-24	5D
W74-12659	7-23	5C	W74-12738	7-23	5C	W74-12817	7-24	2J	W74-12896	7-24	5D
W74-12660	7-23	5C	W74-12739	7-23	2J	W74-12818	7-24	5C	W74-12897	7-24	5D
W74-12661	7-23	5C	W74-12740	7-23	5C	W74-12819	7-24	2G	W74-12898	7-24	5D
W74-12662	7-23	5C	W74-12741	7-23	5B	W74-12820	7-24	2F	W74-12899	7-24	5D
							7-24	2F	W74-12900	7-24	5D
W74-12663	7-23	5C	W74-12742	7-23	2G	W74-12821					
W74-12664	7-23	5C	W74-12743	7-23	21	W74-12822	7-24	2F	W74-12901	7-24	5D
W74-12665	7-23	21	W74-12744	7-23	2H	W74-12823	7-24	2F	W74-12902	7-24	5C
W74-12666	7-23	5C	W74-12745	7-23	5C	W74-12824	7-24	2F	W74-12903	7-24	5B
W74-12667	7-23	2L	W74-12746	7-23	2H	W74-12825	7-24	2G	W74-12904	7-24	5 B
W74-12668	7-23	5C	W74-12747	7-23	7B	W74-12826	7-24	2G	W74-12905	7-24	5B
W74-12669	7-23	5C	W74-12748	7-23	5G	W74-12827	7-24	2G	W74-12906	7-24	5B
										7-24	5B
W74-12670	7-23	5C	W74-12749	7-23	21	W74-12828	7-24	2G	W74-12907		
W74-12671	7-23	5C	W74-12750	7-23	5C	W74-12829	7-24	2G	W74-12908	7-24	5B
W74-12672	7-23	5C	W74-12751	7-24	5G	W74-12830	7-24	2F	W74-12909	7-24	5B
		5C		7-24	4B	W74-12831	7-24	2G	W74-12910	7-24	5B
W74-12673	7-23		W74-12752								
W74-12674	7-23	5G	W74-12753	7-24	5B	W74-12832	7-24	2G	W74-12911	7-24	5 B
W74-12675	7-23	5G	W74-12754	7-24	5B	W74-12833	7-24	2G	W74-12912	7-24	5A
W74-12676	7-23	5D	W74-12755	7-24	6B	W74-12834	7-24	2F	W74-12913	7-24	5A
						W74-12835			W74-12914	7-24	5A
W74-12677	7-23	4D	W74-12756	7-24	6E		7-24	2G			
W74-12678	7-23	21	W74-12757	7-24	6B	W74-12836	7-24	2F	W74-12915	7-24	5A
W74-12679	7-23	5B	W74-12758	7-24	6B	W74-12837	7-24	2G	W74-12916	7-24	5A
W74-12680	7-23	5C	W74-12759	7-24	6E	W74-12838	7-24	2G	W74-12917	7-24	5D
W74-12681	7-23	21	W74-12760	7-24	6B	W74-12839	7-24	2F	W74-12918	7-24	5D
W74-12682	7-23	21	W74-12761	7-24	5C	W74-12840	7-24	2A	W74-12919	7-24	5B
W74-12683	7-23	2B	W74-12762	7-24	6A	W74-12841	7-24	2F	W74-12920	7-24	5A
W74-12684	7-23	21	W74-12763	7-24	6B	W74-12842	7-24	2G	W74-12921	7-24	5D
W74-12685	7-23	5C	W74-12764	7-24	6E	W74-12843	7-24	2G	W74-12922	7-24	1A
W74-12686	7-23	21	W74-12765	7-24	6E	W74-12844	7-24	2F	W74-12923	7-24	1A
				7-24	6C	W74-12845	7-24	2D	W74-12924	7-24	5D
W74-12687	7-23	5A	W74-12766								
W74-12688	7-23	81	W74-12767	7-24	5G	W74-12846	7-24	2G	W74-12925	7-24	2G
W74-12689	7-23	5C	W74-12768	7-24	6G	W74-12847	7-24	2G	W74-12926	7-24	3E
W74-12690	7-23	5A	W74-12769	7-24	6E	W74-12848	7-24	2F	W74-12927	7-24	5D
							7-24	2J	W74-12928	7-24	2K
W74-12691	7-23	5G	W74-12770	7-24	5G	W74-12849					
W74-12692	7-23	5C	W74-12771	7-24	5G	W74-12850	7-24	5B	W74-12929	7-24	5A
W74-12693	7-23	2H	W74-12772	7-24	5C	W74-12851	7-24	2L	W74-12930	7-24	5A
	7-23	3F	W74-12773	7-24	8I	W74-12852	7-24	2G	W74-12931	7-24	2J
W74-12694											
W74-12695	7-23	7C	W74-12774	7-24	6C	W74-12853	7-24	2G	W74-12932	7-24	5A
W74-12696	7-23	81	W74-12775	7-24	2L	W74-12854	7-24	2F	W74-12933	7-24	5B
W74-12697	7-23	21	W74-12776	7-24	81	W74-12855	7-24	5B	W74-12934	7-24	5D
			W74-12777	7-24	5B	W74-12856	7-24	2F	W74-12935	7-24	5D
W74-12698	7-23	5A									
W74-12699	7-23	3F	W74-12778	7-24	6B	W74-12857	7-24	5B	W74-12936	7-24	5D
W74-12700	7-23	3F	W74-12779	7-24	6B	W74-12858	7-24	5B	W74-12937	7-24	5D
	7-23	21	W74-12780	7-24	5D	W74-12859	7-24	5C	W74-12938	7-24	5D
W74-12701										7-24	5D
W74-12702	7-23	21	W74-12781	7-24	6C	W74-12860	7-24		W74-12939		
W74-12703	7-23	5C	W74-12782	7-24	5B	W74-12861	7-24		W74-12940	7-24	5D
W74-12704	7-23	5B	W74-12783	7-24	6D	W74-12862	7-24	2G	W74-12941	7-24	5D
W74-12705		3F	W74-12784	7-24	6B	W74-12863	7-24	3E	W74-12942	7-24	5B
W74-12706		21.	W74-12785	7-24	5D	W74-12864	7-24		W74-12943	7-24	5A
W74-12707	7-23	7B	W74-12786	7-24	6C	W74-12865	7-24	5D	W74-12944	7-24	5D
W74-12708		2H	W74-12787	7-24	6B	W74-12866	7-24	6B	W74-12945	7-24	5D
W74-12709		5B	W74-12788	7-24	5E	W74-12867	7-24		W74-12946	7-24	5D
W74-12710		5C	W74-12789	7-24	5B	W74-12868	7-24		W74-12947	7-24	5A
W74-12711	7-23	5B	W74-12790	7-24	5D	W74-12869	7-24	5D	W74-12948	7-24	5A
W74-12712		5C	W74-12791	7-24	5E	W74-12870	7-24	5D	W74-12949	7-24	5D
				7-24	4B	W74-12871	7-24		W74-12950	7-24	5C
W74-12713		3F	W74-12792								
W74-12714		2G	W74-12793	7-24	6B	W74-12872	7-24		W74-12951	7-24	
W74-12715	7-23	3F	W74-12794	7-24	6C	W74-12873	7-24	5D	W74-12952	7-24	5D
W74-12716		5D	W74-12795	7-24	6A	W74-12874	7-24		W74-12953	7-24	
						W74-12875	7-24		W74-12954	7-24	
W74-12717		5C	W74-12796	7-24	6B						
W74-12718	7-23	5D	W74-12797	7-24	5G	W74-12876	7-24	5D	W74-12955	7-24	5G

W74-12956	7-24	5E	W74-13035	7-24	21	W74-13114	7-24	5B	W74-13193	7-24	7C
W74-12957	7-24	5D	W74-13036	7-24	21	W74-13115	7-24	5C	W74-13193	7-24	7C
W74-12958	7-24	5D	W74-13037	7-24	2I	W74-13116	7-24	2K	W74-13195	7-24	5B
W74-12959	7-24	5G	W74-13038	7-24	5B	W74-13117	7-24	5B	W74-13196	7-24	2E
W74-12960	7-24	5D	W74-13039	7-24	81	W74-13118	7-24	6G	W74-13197	7-24	4B
W74-12961	7-24	5D	W74-13040	7-24	2J	W74-13119	7-24	8H	W74-13198	7-24	2E
W74-12962	7-24	5A	W74-13041	7-24	5B	W74-13120	7-24	5B	W74-13199	7-24	3B
W74-12963	7-24	5D	W74-13042	7-24	81	W74-13121	7-24	6G	W74-13200	7-24	4B
W74-12964	7-24	5A	W74-13043	7-24	4A	W74-13122	7-24	5C	W74-13201	7-24	4B
W74-12965	7-24	5F	W74-13044	7-24	4A	W74-13123	7-24	6B	W74-13202	7-24	4B
W74-12966	7-24	3F	W74-13045	7-24	5C	W74-13124	7-24	5A	W74-13203	7-24	4B
W74-12967	7-24	7B	W74-13046	7-24	4A	W74-13125	7-24	5B	W74-13204	7-24	4B
W74-12968	7-24	5G	W74-13047	7-24	4A	W74-13126	7-24	5A	W74-13205	7-24	4B
W74-12969	7-24	2H	W74-13048	7-24	5D	W74-13127	7-24	5D	W74-13206	7-24	4B
W74-12970	7-24	7B	W74-13049	7-24	2J	W74-13128	7-24	5D	W74-13207	7-24	2E
W74-12971	7-24	5A	W74-13050	7-24	5C	W74-13129	7-24	5C	W74-13208	7-24	2F
W74-12972 W74-12973	7-24	5B 5C	W74-13051	7-24	5G	W74-13130	7-24	5A	W74-13209	7-24	4B
W74-12973	7-24	2C	W74-13052 W74-13053	7-24 7-24	2B 5C	W74-13131	7-24	5D	W74-13210	7-24	5D
W74-12975	7-24	2B	W74-13054	7-24	6B	W74-13132 W74-13133	7-24 7-24	5D 5C	W74-13211 W74-13212	7-24	8E
W74-12976	7-24	2B	W74-13055	7-24	5D	W74-13133	7-24	5A	W74-13212 W74-13213	7-24	3B 4B
W74-12977	7-24	7C	W74-13056	7-24	5F	W74-13135	7-24	5D	W74-13213	7-24	5G
W74-12978	7-24	8B	W74-13057	7-24	5B	W74-13136	7-24	5B	W74-13214 W74-13215	7-24	5B
W74-12979	7-24	7C	W74-13058	7-24	6B	W74-13137	7-24	5C	W74-13216	7-24	3B
W74-12980	7-24	5B	W74-13059	7-24	6B	W74-13138	7-24	5B	W74-13217	7-24	5B
W74-12981	7-24	2A	W74-13060	7-24	6B	W74-13139	7-24	2B	W74-13218	7-24	5G
W74-12982	7-24	7B	W74-13061	7-24	6B	W74-13140	7-24	6F	W74-13219	7-24	5G
W74-12983	7-24	4A	W74-13062	7-24	6B	W74-13141	7-24	21	W74-13220	7-24	6E
W74-12984	7-24	2F	W74-13063	7-24	6B	W74-13142	7-24	4A	W74-13221	7-24	5G
W74-12985	7-24	2L	W74-13064	7-24	6B	W74-13143	7-24	6B	W74-13222	7-24	5G
W74-12986	7-24	7C	W74-13065	7-24	5D	W74-13144	7-24	5G	W74-13223	7-24	4A
W74-12987	7-24	2F	W74-13066	7-24	6B	W74-13145	7-24	2D	W74-13224	7-24	4A
W74-12988	7-24	2D	W74-13067	7-24	4A	W74-13146	7-24	3F	W74-13225	7-24	4A
W74-12989	7-24	5B	W74-13068	7-24	4A	W74-13147	7-24	4A	W74-13226	7-24	4A
W74-12990	7-24	5A	W74-13069	7-24	4A	W74-13148	7-24	4A	W74-13227	7-24	6E
W74-12991	7-24	2C	W74-13070	7-24	4A	W74-13149	7-24	4C	W74-13228	7-24	5G
W74-12992	7-24	2L	W74-13071	7-24	5D	W74-13150	7-24	2A	W74-13229	7-24	5G
W74-12993	7-24	2A	W74-13072	7-24	5D	W74-13151	7-24	4B	W74-13230	7-24	3F
W74-12994	7-24	8B	W74-13073	7-24	5B	W74-13152	7-24	6D	W74-13231	7-24	6F
W74-12995	7-24	2F	W74-13074	7-24	5C	W74-13153	7-24	2D	W74-13232	7-24	3F
W74-12996	7-24	2H	W74-13075	7-24	5A	W74-13154	7-24	3F	W74-13233	7-24	5B
W74-12997	7-24 7-24	2H	W74-13076	7-24	5C	W74-13155	7-24	5B	W74-13234	7-24	5B
W74-12998 W74-12999	7-24	2D 4B	W74-13077	7-24	5C	W74-13156	7-24	5B	W74-13235	7-24	5D
W74-12999 W74-13000	7-24	4B 2B	W74-13078	7-24	5A	W74-13157	7-24	5B	W74-13236	7-24	5G
W74-13000	7-24	4A	W74-13079 W74-13080	7-24	5C 5C	W74-13158 W74-13159	7-24	5B	W74-13237	7-24	5A
W74-13001	7-24	2J	W74-13080	7-24	5C	W74-13159 W74-13160	7-24	5D 5A	W74-13238 W74-13239	7-24	5A
W74-13003	7-24	8B	W74-13081	7-24	5C	W74-13160 W74-13161	7-24	2G	W74-13239 W74-13240	7-24 7-24	5A
W74-13004	7-24	4B	W74-13083	7-24	5C	W74-13162	7-24	2G	W74-13240 W74-13241	7-24	5B 5A
W74-13005	7-24	5B	W74-13084	7-24	5A	W74-13163	7-24	5B	W74-13241	7-24	5A
W74-13006	7-24	2L	W74-13085	7-24	5C	W74-13164	7-24	4B	W74-13243	7-24	5G
W74-13007	7-24	2G	W74-13086	7-24	5C	W74-13165	7-24	5C	W74-13244	7-24	5D
W74-13008	7-24	2A	W74-13087	7-24	5C	W74-13166	7-24	5D	W74-13245	7-24	5D
W74-13009	7-24	2B	W74-13088	7-24	5C	W74-13167	7-24	2H	W74-13246	7-24	2D
W74-13010	7-24	2A	W74-13089	7-24	5C	W74-13168	7-24	3B	W74-13247	7-24	5D
W74-13011	7-24	2A	W74-13090	7-24	5C	W74-13169	7-24	2G	W74-13248	7-24	3C
W74-13012	7-24	4B	W74-13091	7-24	5C	W74-13170	7-24	2C	W74-13249	7-24	5D
W74-13013	7-24	2B	W74-13092	7-24	5C	W74-13171	7-24	5A	W74-13250	7-24	5D
W74-13014	7-24	2F	W74-13093	7-24	5C	W74-13172	7-24	2I	W74-13251	7-24	2G
W74-13015	7-24	7C	W74-13094	7-24	5C	W74-13173	7-24	2E	W74-13252	7-24	7B
W74-13016	7-24	7C	W74-13095	7-24	5C	W74-13174	7-24	3B	W74-13253	7-24	5D
W74-13017	7-24	6A	W74-13096	7-24	5G	W74-13175	7-24	4B	W74-13254	7-24	5D
W74-13018	7-24	5D	W74-13097	7-24	5C	W74-13176	7-24	4B	W74-13255	7-24	2D
W74-13019	7-24	4A	W74-13098	7-24	5C	W74-13177	7-24	2E	W74-13256	7-24	5D
W74-13020	7-24	5D	W74-13099	7-24	5C	W74-13178	7-24	2H	W74-13257	7-24	2D
W74-13021	7-24	4A	W74-13100	7-24	5A	W74-13179	7-24	2F	W74-13258	7-24	7B
W74-13022	7-24	3F	W74-13101	7-24	5C	W74-13180	7-24	2L	W74-13259	7-24	2D
W74-13023	7-24	6A	W74-13102	7-24	5C	W74-13181	7-24	4B	W74-13260	7-24	2G
W74-13024 W74-13025	7-24 7-24	5A 4A	W74-13103	7-24	5C	W74-13182	7-24	5C	W74-13261	7-24	3F
W74-13025 W74-13026	7-24	5D	W74-13104 W74-13105	7-24 7-24	5C 5C	W74-13183	7-24	5B	W74-13262	7-24	7B
W74-13026	7-24	5C	W74-13105	7-24	5D	W74-13184	7-24	2J	W74-13263	7-24	5D
W74-13027	7-24	5A	W74-13106 W74-13107	7-24	5D	W74-13185 W74-13186	7-24 7-24	5G	W74-13264	7-24	5B
W74-13029	7-24	4A	W74-13107 W74-13108	7-24	5D		7-24	7C	W74-13265	7-24	5G
W74-13029	7-24	5G	W74-13108	7-24	5D	W74-13187 W74-13188	7-24	7C 7C	W74-13266 W74-13267	7-24	5G
W74-13031	7-24	5C	W74-13110	7-24	5A	W74-13189	7-24	7C	W74-13267 W74-13268	7-24	5D 5G
W74-13032	7-24	5D	W74-13111	7-24	5A	W74-13189	7-24	7C	W74-13269	7-24	5B
W /4-1.70.72	1-24										
W74-13033	7-24	2A	W74-13112	7-24	5A						
						W74-13191 W74-13192	7-24 7-24	7C 7C	W74-13270 W74-13271	7-24 7-24	2I 5G

		**	13/74 12261		20
W74-13272	7-24	5C	W74-13351	7-24	2G
W74-13273	7-24	5G	W74-13352	7-24	21
W74-13274	7-24	5D	W74-13353	7-24	2H
W74-13275	7-24	5D	W74-13354	7-24	2H
W74-13276	7-24	5B	W74-13355	7-24	6G
W74-13277	7-24	6D	W74-13356	7-24	2H
W74-13278	7-24	5A	W74-13357	7-24	5G
W74-13279	7-24	5B	W74-13358	7-24	5A
W74-13280	7-24	5D	W74-13359	7-24	5A
W74-13281	7-24	SD	W74-13360	7-24	5A
W74-13282	7-24	5D	W74-13361	7-24	5C
W74-13283	7-24	2G	W74-13362	7-24	5C
W74-13284	7-24	5F	W74-13363	7-24	5A
W74-13285	7-24	5D	W74-13364		
				7-24	5B
W74-13286	7-24	5D	W74-13365	7-24	2H
W74-13287	7-24	5D	W74-13366	7-24	2H
W74-13288	7-24	5D	W74-13367	7-24	2E
W74-13289	7-24	5G	W74-13368	7-24	4A
W74-13290	7-24	5D	W74-13369	7-24	2I
W74-13291	7-24	5E	W74-13370	7-24	3F
W74-13292	7-24	5G	W74-13371	7-24	3F
W74-13293	7-24	5D	W74-13372	7-24	5C
W74-13294	7-24	5G	W74-13373	7-24	5C
W74-13295	7-24	5B	W74-13374	7-24	5C
W74-13296	7-24	5G	W74-13375	7-24	21
W74-13297	7-24	5B	W74-13376	7-24	5C
W74-13297					
	7-24	4C	W74-13377	7-24	5C
W74-13299	7-24	5D	W74-13378	7-24	21
W74-13300	7-24	5B	W74-13379	7-24	5B
W74-13301	7-24	21	W74-13380	7-24	3F
W74-13302	7-24	5C	W74-13381	7-24	2D
W74-13303	7-24	5D	W74-13382	7-24	2D
W74-13304	7-24	5A	W74-13383	7-24	5C
W74-13305	7-24	5D	W74-13384	7-24	2G
W74-13306	7-24	5D	W74-13385	7-24	2K
W74-13307	7-24	5D	W74-13386	7-24	5G
W74-13308	7-24	5D	W74-13387	7-24	2H
W74-13309	7-24	5D	W74-13388		2K
				7-24	
W74-13310	7-24	5B	W74-13389	7-24	2H
W74-13311	7-24	5D	W74-13390	7-24	5C
W74-13312	7-24	5D	W74-13391	7-24	5C
W74-13313	7-24	8A	W74-13392	7-24	5C
W74-13314	7-24	5G	W74-13393	7-24	3C
W74-13315	7-24	5A	W74-13394	7-24	3F
W74-13316	7-24	5D	W74-13395	7-24	5C
W74-13317	7-24	5C	W74-13396	7-24	5C
W74-13318	7-24	5C	W74-13397	7-24	5C
W74-13319	7-24	5G	W74-13398	7-24	5F
W74-13320	7-24	5G	W74-13399	7-24	5C
W74-13321	7-24	5C	W74-13400	7-24	4B
W74-13322	7-24	5G	W74-13401	7-24	5C
W74-13323	7-24	5D	W74-13402	7-24	2G
W74-13324	7-24	5D	W74-13403	7-24	2G
W74-13325	7-24	5A	W74-13404	7-24	21
W74-13326	7-24	5A	W74-13405	7-24	2H
W74-13327	7-24	5D	W74-13406	7-24	2H
W74-13328	7-24	.5D	W74-13407	7-24	7B
W74-13329	7-24	5D	W74-13408	7-24	2L
W74-13330	7-24	5D	W74-13409	7-24	2G
W74-13331	7-24	5C	W74-13410	7-24	5C
W74-13332	7-24	5D	W74-13411	7-24	5B
W74-13333	7-24	5D	W74-13412	7-24	5D
W74-13334	7-24	5D	W74-13413	7-24	5D
W74-13335	7-24	8A	W74-13414	7-24	3F
	7-24	5D		7-24	2D
W74-13336			W74-13415		
W74-13337	7-24	8A	W74-13416	7-24	5A
W74-13338	7-24	8A	W74-13417	7-24	1A
W74-13339	7-24	5G	W74-13418	7-24	1A
W74-13340	7-24	5B	W74-13419	7-24	1A
W74-13341	7-24	2H	W74-13420	7-24	5D
W74-13342	7-24	5G	W74-13421	7-24	5A
W74-13343	7-24	4B	W74-13422	7-24	5A
W74-13344	7-24	3F	W74-13423	7-24	5A
W74-13345	7-24	3F	W74-13424	7-24	5G
W74-13346	7-24	3F	W74-13425	7-24	5D
W74-13347	7-24	21	W74-13426	7-24	3E
W74-13348	7-24	3F	W74-13427	7-24	5D
W74-13349	7-24	3F	W74-13428	7-24	5D
W74-13349 W74-13350	7-24	4B	W74-13428 W74-13429	7-24	5B
17-13330	1-24	70	W /4-13429	1-24	30

W74-13430 7-24 5D W74-13431 7-24 5A W74-13432 7-24 7-24 7-24 W74-13433 5D W74-13434 5D 7-24 W74-13435 3A 7-24 W74-13436 5G W74-13437 7-24 5G 7-24 5D W74-13438 W74-13439 7-24 5D W74-13440 7-24 5D W74-13441 7-24 5D W74-13442 7-24 5D W74-13443 7-24 5D W74-13444 7-24 5B W74-13445 7-24 5G W74-13446 7-24 7B W74-13447 7-24 8A W74-13448 7-24 5D W74-13449 7-24 40 W74-13450 7-24 5D W74-13451 7-24 4B W74-13452 7-24 5D W74-13453 7-24 4A W74-13454 7-24 3F 7-24 W74-13455 3F W74-13456 7-24 5C W74-13457 7-24 3F W74-13458 7-24 2H W74-13459 7-24 5D W74-13460 7-24 5D W74-13461 7-24 5**B** W74-13462 7-24 3C W74-13463 7-24 5B W74-13464 7-24 5A W74-13465 7-24 5C 7-24 W74-13466 5C 7-24 W74-13467 2H W74-13468 7-24 5B W74-13469 7-24 W74-13470 7-24 W74-13471 7-24 W74-13472 7-24 W74-13473 7-24 W74-13473 7-24 W74-13475 7-24 5C 2H 2H 2L 2L 21. W74-13475 7-24 W74-13476 7-24 W74-13477 7-24 2L 5C 5C 7-24 5C W74-13478 W74-13479 7-24 W74-13480 7-24 5C 5C W74-13481 7-24 W74-13482 7-24 5C 5A W74-13483 7-24 W74-13484 7-24 5C 21 W74-13485 7-24 5C W74-13486 7-24 5C W74-13487 7-24 5C W74-13488 7-24 2H W74-13489 7-24 2H W74-13490 7-24 21 W74-13491 7-24 21 W74-13492 7-24 2D W74-13493 7-24 5B W74-13494 7-24 2H W74-13495 7-24 5C W74-13496 7-24 5C W74-13497 7-24 21 W74-13498 7-24 5A 7-24 4A W74-13499 W74-13500 7-24 4A





U.S. DEPARTMENT OF COMMERCE
National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161

OFFICIAL BUSINESS

PRINTED MATTER

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE



